



January 18, 2024

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

Dear Mr. Miller:

As required by Article IX (A) of the Consent Order (Case #93-3332), this is the Fourth Quarter, 2023 report for the Taylorville Manufactured Gas Plant (MGP) Site. This report is a summary of events. Reports and notifications of events are reported in addition to this summary throughout the quarter.

Fourth Quarter 2023 – Events

- Fourth quarter 2023 groundwater samples collected in November 2023 (results attached).
- Fourth quarter 2023 pump and treat system samples (results attached).
- Carbon change on December 8, 2023.

First Quarter – 2024 Plans

- Collect First quarter groundwater samples in February.
- Abandon extraneous off-site monitoring wells as approved by the Illinois EPA in April 12, 2023, correspondence.

Problems Encountered or Anticipated Problems

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

We have treated 1,360,005,065 gallons of groundwater through the system since startup until the end of December 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 (October - December)

Monitoring Well Location Map

Year 2023 Quarter 4 Groundwater Sampling Results

MGP Pump & Treat System Summary
Taylorville, Illinois
October 2023

DATE	TOTALIZER		EXTRACTION	Water Level		Flow Data	Gallons		
	READING	FLOW		WELL	East		West	For Month	1,847,905
Oct-23							To Pond	1,847,905	
1	7,907,782	86,833	WEST	NM ⁽¹⁾	46		Below Pond		
2	7,994,615	69,808	WEST	NM ⁽¹⁾	46	Average		59,610	
3	8,064,423	64,004	WEST	NM ⁽¹⁾	58	Maximum		86,833	
4	8,128,427	34,480	WEST	NM ⁽¹⁾	58	Minimum		26,295	
5	8,162,907	83,419	WEST	NM ⁽¹⁾	58	Total Through Sept		1,355,172,152	
6	8,246,326	71,889	WEST	NM ⁽¹⁾	44	Total Through Oct		1,357,020,057	
7	8,318,215	76,051	WEST	NM ⁽¹⁾	52				
8	8,394,266	70,746	WEST	NM ⁽¹⁾	48				
9	8,465,012	65,772	WEST	NM ⁽¹⁾	48	<u>Maintenance Summary</u>			
10	8,530,784	49,850	WEST	NM ⁽¹⁾	50				
11	8,580,634	68,175	WEST	NM ⁽¹⁾	50	Well Cleaning		None	
12	8,648,809	54,794	WEST	NM ⁽¹⁾	50	Vessel	North	South	
13	8,703,603	78,945	WEST	NM ⁽¹⁾	48	Carbon Change	None	None	
14	8,782,548	70,854	WEST	NM ⁽¹⁾	50	Cleaned Effluent Backwash Storage	None	None	
15	8,853,402	59,538	WEST	NM ⁽¹⁾	50	Back Washed Vessels	None	None	
16	8,912,940	53,764	WEST	NM ⁽¹⁾	52	Changed Bag Filters	North	Middle	South
17	8,966,704	51,644	WEST	NM ⁽¹⁾	52		Inoperable	10/5/2023	10/5/2023
18	9,018,348	26,295	WEST	NM ⁽¹⁾	50		Inoperable	10/12/2023	10/12/2023
19	9,044,643	67,334	WEST	NM ⁽¹⁾	50		Inoperable	10/19/2023	10/19/2023
20	9,111,977	44,701	WEST	NM ⁽¹⁾	50		Inoperable	10/26/2023	10/26/2023
21	9,156,678	64,319	WEST	NM ⁽¹⁾	50				
22	9,220,997	77,684	WEST	NM ⁽¹⁾	52				
23	9,298,681	43,535	WEST	NM ⁽¹⁾	52				
24	9,342,216	62,102	WEST	NM ⁽¹⁾	52				
25	9,404,318	28,352	WEST	NM ⁽¹⁾	52				
26	9,432,670	63,570	WEST	NM ⁽¹⁾	52	Drum Disposal		10/13/2023	
27	9,496,240	54,224	WEST	NM ⁽¹⁾	46				
28	9,550,464	58,350	WEST	NM ⁽¹⁾	50				
29	9,608,814	48,628	WEST	NM ⁽¹⁾	50	NOTES:			
30	9,657,442	53,801	WEST	NM ⁽¹⁾	50				
31	9,711,243	44,444	WEST	NM ⁽¹⁾	50				
Nov-23	9,755,687								
NM = Not measured									
(1) Not measured - RW abandoned									

NM = Not measured

(1) Not measured - RW abandoned

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
October 2023

<u>Parameter</u>	<u>Units</u>	<u>30 Day Avg Limit</u>	<u>Daily Max</u>	<u>GW Cleanup Goals</u>	<u>10/4/2023</u>		<u>10/11/2023</u>		<u>10/18/2023</u>		<u>10/25/2023</u>		<u>Average</u>	<u>Maximum</u>	
Lab pH		-	-	-	6.92	H	7.04	H	6.97	H	6.92	H	6.96	7.04	H
Iron, Dissolved	mg/L	-	-	-	0.3110		0.0230	J	0.0588		0.0762		0.1173	0.3110	
Iron, Total	mg/L	-	-	-	4.60		1.78		1.85		1.79		2.51	4.60	
Acenaphthene	mg/L	-	-	0.42	0.0186		0.0138		0.013		0.0132		0.0147	0.0186	
Acenaphthylene	mg/L	-	-	-	0.00402		0.00505		0.00274		0.00234		0.00354	0.00505	
Anthracene	mg/L	-	-	2.1	0.00427		0.00309		0.00389		0.00379		0.00376	0.00427	
Benzo(a)anthracene	mg/L	-	-	0.00013	0.000428		0.000227		0.000289	B	0.000276		0.000305	0.000428	
Benzo(a)pyrene	mg/L	-	-	0.00023	0.000204		ND		0.00012	J	ND		0.000204	0.000204	
Benzo(b)fluoranthene	mg/L	-	-	-	0.000153		0.000071	J	0.000126	B	0.00008	J	0.000108	0.000153	
Benzo(g,h,i)perylene	mg/L	-	-	-	0.00013	J	ND		ND		ND		0.00013	0.00013	J
Benzo(k)fluoranthene	mg/L	-	-	-	0.000054	J	ND		ND		ND		0.000054	0.000054	J
Chrysene	mg/L	-	-	-	0.000394		0.00021		0.000277	B	0.000248		0.000282	0.000394	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Fluoranthene	mg/L	-	-	0.28	0.00343		0.00265		0.00332		0.00312		0.00313	0.00343	
Fluorene	mg/L	-	-	-	0.01180		0.00717	B	0.00761		0.00782	B	0.00860	0.01180	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
m,p-Cresol	mg/L	-	-	0.35	ND		0.00130	J	0.00140	J	0.00100	J	0.00123	0.00140	J
o-Cresol	mg/L	-	-	0.35	0.0047	J	0.0029	J	0.0038	J	0.0035	J	0.0037	0.0047	J
Phenanthrene	mg/L	-	-	-	0.0191		0.0143	B	0.0137		0.016		0.0158	0.0191	
Pyrene	mg/L	-	-	-	0.00433		0.00314		0.00406		0.00377		0.00383	0.00433	
Total PNAs except Naphthalene	mg/L	-	-	-	0.0669		0.0498		0.0544		0.0506		0.0554	0.0669	
Benzene	µg/L	-	-	5	177		176		128		144		156	177	
Ethylbenzene	µg/L	-	-	700	46.9		36.1		33.6		34.8		37.9	46.9	
m,p-Xylenes	µg/L	-	-	-	49.3		39		40.1		43.0		42.9	49.3	
Naphthalene	µg/L	-	-	25	323		221		216		233		248	323	
o-Xylene	µg/L	-	-	-	24.6		20.4		21.4		22.6		22.3	24.6	
Toluene	µg/L	-	-	1000	104		98.4		82.1		92.3		94.2	104	
Xylenes, Total	µg/L	-	-	10000	73.9		59.4		61.5		65.6		65.1	73.9	

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
October 2023

<u>Parameter</u>	<u>Units</u>	<u>30 Day Avg Limit</u>	<u>Daily Max</u>	<u>GW Cleanup Goals</u>	<u>10/4/2023</u>		<u>10/11/2023</u>		<u>10/18/2023</u>		<u>10/25/2023</u>		<u>Average</u>		<u>Maximum</u>	
Lab pH		-	-	-	6.96	H	6.97		7.01	H	6.92	H	6.97		7.01	H
Iron, Dissolved	mg/L	-	-	-	ND		ND		ND		0.030	J	0.030		0.030	J
Iron, Total	mg/L	-	-	-	ND		0.032	J	0.030	J	0.039	J	0.034		0.039	J
Acenaphthene	mg/L	-	-	-	ND		0.000145		ND		0.000268		0.000207		0.000268	
Acenaphthylene	mg/L	-	-	-	ND		ND		ND		0.000117		0.000117		0.000117	
Anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Benzo(a)anthracene	mg/L	-	-	-	ND		ND		ND	B	ND		ND		ND	
Benzo(a)pyrene	mg/L	-	-	-	ND		ND		ND		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		ND		ND		ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Chrysene	mg/L	-	-	-	ND		ND		ND	B	ND		ND		ND	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Fluorene	mg/L	-	-	-	ND		0.00015	BJ	ND		0.00013	BJ	0.00014		0.00015	BJ
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
m,p-Cresol	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
o-Cresol	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Phenanthrene	mg/L	-	-	-	ND		ND	B	ND		ND		ND		ND	
Pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Total PNAs except Naphthalene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Benzene	µg/L	-	-	-	1.6		2.2		1.3		4.4		2.4		4.4	
Ethylbenzene	µg/L	-	-	-	ND		0.1	J	ND		0.6	J	0.4		0.6	J
m,p-Xylenes	µg/L	-	-	-	ND		0.2	J	ND		0.9	J	0.6		0.9	J
Naphthalene	µg/L	-	-	-	0.6		1.0		ND		4.3		2.0		4.3	
o-Xylene	µg/L	-	-	-	ND		0.1	J	ND		0.5	J	0.3		0.5	J
Toluene	µg/L	-	-	-	ND		0.4	J	ND		1.5	J	1.0		1.5	J
Xylenes, Total	µg/L	-	-	-	ND		0.3	J	ND		1.4		0.9		1.4	

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
October 2023

<u>Parameter</u>	<u>Units</u>	<u>30 Day Avg Limit</u>	<u>Daily Max</u>	<u>GW Cleanup Goals</u>	<u>10/4/2023</u>		<u>10/11/2023</u>		<u>10/18/2023</u>		<u>10/25/2023</u>		<u>Average</u>	<u>Maximum</u>
Lab pH		-	-	-	6.93	H	6.95	H	7.10	H	6.94	H	6.98	7.10
Iron, Dissolved	mg/L	-	1	-	ND		ND		ND		ND		ND	ND
Iron, Total	mg/L	2	4	-	ND		ND		ND		ND		ND	ND
Acenaphthene	mg/L	-	0.0608	-	ND		ND		ND		ND		ND	ND
Acenaphthylene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND
Anthracene	mg/L	-	0.0023	-	ND		ND		ND		ND		ND	ND
Benzo(a)anthracene	mg/L	-	0.001	-	ND		ND		ND	B	ND		ND	ND
Benzo(a)pyrene	mg/L	-	0.0005	-	ND		ND		ND		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		ND		ND	ND
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND
Chrysene	mg/L	-	-	-	ND		ND		ND	B	ND		ND	ND
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND
Fluoranthene	mg/L	0.053	0.398	-	ND		ND		ND		ND		ND	ND
Fluorene	mg/L	-	-	-	ND		0.00010	BJ	ND		ND	B	0.00010	0.00010 BJ
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND
m,p-Cresol	mg/L	-	1.9	-	ND		ND		ND		ND		ND	ND
o-Cresol	mg/L	-	1.9	-	ND		ND		ND		ND		ND	ND
Phenanthrene	mg/L	-	0.01	-	ND		ND	B	ND		ND		ND	ND
Pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND
Total PNAs except Naphthalene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND
Benzene	µg/L	-	50	-	ND		ND		ND		ND		ND	ND
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		ND		ND		ND		ND	ND
o-Xylene	µg/L	-	-	-	ND		ND		ND		ND		ND	ND
Toluene	µg/L	70	750	-	ND		ND		ND		ND		ND	ND
Xylenes, Total	µg/L	117	750	-	ND		ND		ND		ND		ND	ND

ND=Not detected above the project acceptable detection limit

J=Analyte detected below quantitation limits

B=Analyte found in the method blank

H = Holding times exceeded

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

<u>Parameter</u>	<u>Units</u>	<u>30 Day Avg Limit</u>	<u>Daily Max</u>	<u>GW Cleanup Goals</u>	<u>10/5/2023</u>	<u>10/13/2023</u>	<u>10/18/2023</u>	<u>10/25/2023</u>	<u>Average</u>	<u>Maximum</u>
Benzene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Ethylbenzene	µg/L	-	-	-	ND	0.1 J	ND	ND	0.1	0.1 J
m,p-Xylenes	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Naphthalene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
o-Xylene	µg/L	-	-	-	ND	0.1 J	ND	ND	0.1	0.1 J
Toluene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Xylenes, Total	µg/L	-	-	-	ND	ND	ND	ND	ND	ND

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

MGP Pump & Treat System Summary
Taylorville, Illinois
November 2023

DATE	TOTALIZER READING		FLOW	EXTRACTION WELL	Water Level		Flow Data	Gallons				
					East	West	For Month	1,482,979				
Nov-23							To Pond	1,482,979				
	1	9,755,687	24,025	WEST	NM ⁽¹⁾	50	Below Pond					
	2	9,779,712	44,650	WEST	NM ⁽¹⁾	50	Average	49,433				
	3	9,824,362	58,728	WEST	NM ⁽¹⁾	50	Maximum	74,042				
	4	9,883,090	49,165	WEST	NM ⁽¹⁾	50	Minimum	21,012				
	5	9,932,255	64,225	WEST	NM ⁽¹⁾	50	Total Through Oct	1,357,020,057				
	6	9,996,480	45,556	WEST	NM ⁽¹⁾	50	Total Through Nov	1,358,503,036				
	7	42,037	44,479	WEST	NM ⁽¹⁾	50						
	8	86,516	37,752	WEST	NM ⁽¹⁾	50						
	9	124,268	42,626	WEST	NM ⁽¹⁾	52						
	10	166,894	68,785	WEST	NM ⁽¹⁾	50						
	11	235,679	74,042	WEST	NM ⁽¹⁾	50						
	12	309,721	55,271	WEST	NM ⁽¹⁾	50						
	13	364,992	58,882	WEST	NM ⁽¹⁾	50						
	14	423,874	41,365	WEST	NM ⁽¹⁾	50						
	15	465,239	48,028	WEST	NM ⁽¹⁾	52						
	16	513,267	45,747	WEST	NM ⁽¹⁾	52						
	17	559,014	61,429	WEST	NM ⁽¹⁾	50						
	18	620,443	57,125	WEST	NM ⁽¹⁾	50						
	19	677,568	69,733	WEST	NM ⁽¹⁾	50						
	20	747,301	48,987	WEST	NM ⁽¹⁾	50						
	21	796,288	29,708	WEST	NM ⁽¹⁾	50						
	22	825,996	52,031	WEST	NM ⁽¹⁾	50						
	23	878,027	57,012	WEST	NM ⁽¹⁾	48						
	24	935,039	55,829	WEST	NM ⁽¹⁾	50						
	25	990,868	46,751	WEST	NM ⁽¹⁾	48						
	26	1,037,619	53,334	WEST	NM ⁽¹⁾	50						
	27	1,090,953	37,742	WEST	NM ⁽¹⁾	50						
	28	1,128,695	40,395	WEST	NM ⁽¹⁾	50						
	29	1,169,090	21,012	WEST	NM ⁽¹⁾	50						
	30	1,190,102	48,565	WEST	NM ⁽¹⁾	50						
Dec-23		1,238,667			NM ⁽¹⁾	50						
(1)	Not measured - RW abandoned											

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
November 2023

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	11/1/2023		11/8/2023		11/15/2023		11/21/2023		11/29/2023		Average		Maximum	
Lab pH		-	-	-	6.90	H	6.94	H	6.95	H	7.09	H	6.93	H	6.96		7.09	H
Iron, Dissolved	mg/L	-	-	-	ND		0.212		0.271		0.501		0.480		0.366		0.480	
Iron, Total	mg/L	-	-	-	1.77		2.78		1.71		1.44		1.72		1.88		2.78	
Acenaphthene	mg/L	-	-	0.42	0.0167		0.0222		0.0125		0.0167		0.0162		0.0169		0.0222	
Acenaphthylene	mg/L	-	-	-	0.00464		0.00932		0.00215		0.00450		0.00446		0.00501		0.00932	
Anthracene	mg/L	-	-	2.1	0.00520		0.00451		0.00335		0.00473		0.00583		0.00472		0.00583	
Benzo(a)anthracene	mg/L	-	-	0.00013	0.000416		0.000392		0.000230		0.000351		0.000526		0.000383		0.000526	
Benzo(a)pyrene	mg/L	-	-	0.00023	0.00015	J	0.00014	J	ND		ND		0.000218		0.000169	J	0.000218	
Benzo(b)fluoranthene	mg/L	-	-	-	0.000133		0.000125		ND		0.000093	J	0.000200		0.000138	J	0.000200	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		0.000064	J	0.000064	J	0.000064	J
Chrysene	mg/L	-	-	-	0.000345		0.000357		0.000185		0.000352		0.000565		0.000361		0.000565	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
Fluoranthene	mg/L	-	-	0.28	0.00403		0.00384		0.00274		0.00370		0.00488		0.00383		0.00488	
Fluorene	mg/L	-	-	-	0.0113		0.0111		0.00840		0.0106		0.00992		0.01009		0.01130	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
m,p-Cresol	mg/L	-	-	0.35	0.0021	J	0.0015	J	0.00080	J	0.00091	J	0.00079	J	0.00115	J	0.0021	J
o-Cresol	mg/L	-	-	0.35	0.0064	J	0.0037	J	0.0038	J	0.0029	J	0.0045	J	0.0042	J	0.0064	J
Phenanthrene	mg/L	-	-	-	0.0244		0.0254		0.0178		0.0232		0.0239		0.0227		0.0254	
Pyrene	mg/L	-	-	-	0.00471		0.00446		0.00302		0.00446		0.00542		0.00437		0.00542	
Total PNAs except Naphthalene	mg/L	-	-	-	0.0720		0.0819		0.0504		0.0687		0.0766		0.0698		0.0819	
Benzene	µg/L	-	-	5	161		200		168		149		149		168		200	
Ethylbenzene	µg/L	-	-	700	33.1		41.1		40.6		37.6		24.0		35.3		41.1	
m,p-Xylenes	µg/L	-	-	-	45.4		49.0		49.8		45.6		41.4		46.4		49.8	
Naphthalene	µg/L	-	-	25	298		312		266		305		252	B	283	B	312	
o-Xylene	µg/L	-	-	-	25.0		25.9		25.8		22.3		21.6		24.2		25.9	
Toluene	µg/L	-	-	1000	95.1		114		100		96.0		77.3		96.7		114	
Xylenes, Total	µg/L	-	-	10000	70.4		74.9		75.6		67.9		63.0		70.7		75.6	

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
November 2023

<u>Parameter</u>	<u>Units</u>	<u>30 Day Avg Limit</u>	<u>Daily Max</u>	<u>GW Cleanup Goals</u>	<u>1/1/2023</u>		<u>11/8/2023</u>		<u>11/15/2023</u>		<u>11/23/2023</u>		<u>11/29/2023</u>		<u>Average</u>		<u>Maximum</u>	
Lab pH		-	-	-	6.93	H	6.95	H	6.93	H	6.94	H	7.09	H	6.98	H	7.09	H
Iron, Dissolved	mg/L	-	-	-	ND		ND		0.0240	J	0.0571		0.0458		0.0393		0.0571	
Iron, Total	mg/L	-	-	-	0.0408		0.0864		ND		0.0440		0.0360	J	0.0549		0.0864	
Acenaphthene	mg/L	-	-	-	0.000265		0.00155		ND		0.000129		ND		0.000648		0.00155	
Acenaphthylene	mg/L	-	-	-	0.000119		0.000813		ND		ND		ND		0.000466		0.000813	
Anthracene	mg/L	-	-	-	ND		0.000422		ND		ND		ND		0.000422		0.000422	
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		0.000373		ND		ND		ND		0.000373		0.000373	
Fluorene	mg/L	-	-	-	0.00017	J	0.000913		ND		ND		ND		0.000542	J	0.000913	
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		0.00214		ND		ND		ND		0.00214		0.00214	
Pyrene	mg/L	-	-	-	ND		0.000378		ND		ND		ND		0.000378		0.000378	
Total PNAs except Naphthalene	mg/L	-	-	-	ND		0.00659		ND		ND		ND		0.00659		0.00659	
Benzene	µg/L	-	-	-	2.2		15.7		3.6		2.5		2.2		6.0		16	
Ethylbenzene	µg/L	-	-	-	0.1	J	2.1		0.1	J	ND		ND		0.8	J	2.1	
m,p-Xylenes	µg/L	-	-	-	0.3	J	3.8		ND		ND		ND		2.6	J	3.8	
Naphthalene	µg/L	-	-	-	1.9		23.5		1.1		1.1		ND		8.7		23.5	
o-Xylene	µg/L	-	-	-	0.2	J	2.1		0.1	J	ND		ND		0.9	J	2.1	
Toluene	µg/L	-	-	-	0.4	J	6.2		0.3	J	ND		ND		2.3	J	6.2	
Xylenes, Total	µg/L	-	-	-	0.4	J	5.9		ND		ND		ND		4.1	J	5.9	

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

Effluent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
November 2023

<u>Parameter</u>	<u>Units</u>	<u>30 Day Avg Limit</u>	<u>Daily Max</u>	<u>GW Cleanup Goals</u>	<u>11/1/2023</u>		<u>11/8/2023</u>		<u>11/15/2023</u>		<u>11/21/2023</u>		<u>11/29/2023</u>		<u>Average</u>		<u>Maximum</u>	
Lab pH		-	-	-	6.91	H	6.94	H	6.97	H	6.98	H	6.93	H	6.95	H	6.98	H
Iron, Dissolved	mg/L	-	1	-	ND		ND		ND		ND		0.020	J	0.020	J	0.020	J
Iron, Total	mg/L	2	4	-	ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	mg/L	-	0.0608	-	ND		ND		ND		ND	S	ND		ND	S	ND	S
Acenaphthylene	mg/L	-	-	-	ND		ND		ND		ND	S	ND		ND	S	ND	S
Anthracene	mg/L	-	0.0023	-	ND		ND		ND		ND	S	ND		ND	S	ND	S
Benzo(a)anthracene	mg/L	-	0.001	-	ND		ND		ND		ND	S	ND		ND	S	ND	S
Benzo(a)pyrene	mg/L	-	0.0005	-	ND		ND		ND		ND	S	ND		ND	S	ND	S
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND	S	ND		ND	S	ND	S
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND	S	ND		ND	S	ND	S
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND	S	ND		ND	S	ND	S
Chrysene	mg/L	-	-	-	ND		ND		ND		ND	S	ND		ND	S	ND	S
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND	S	ND		ND	S	ND	S
Fluoranthene	mg/L	0.053	0.398	-	ND		ND		ND		ND	S	ND		ND	S	ND	S
Fluorene	mg/L	-	-	-	ND		ND		ND		ND	S	ND		ND	S	ND	S
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND	S	ND		ND	S	ND	S
m,p-Cresol	mg/L	-	1.9	-	ND		ND		ND		ND	S	ND		ND	S	ND	S
o-Cresol	mg/L	-	1.9	-	ND		ND		ND		ND	S	ND		ND	S	ND	S
Phenanthrene	mg/L	-	0.01	-	ND		ND		ND		ND	S	ND		ND	S	ND	S
Pyrene	mg/L	-	-	-	ND		ND		ND		ND	S	ND		ND	S	ND	S
Total PNAs except Naphthalene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
Benzene	µg/L	-	50	-	ND		ND		ND		ND		ND		ND		ND	
Ethylbenzene	µg/L	17	216	-	ND		ND		ND		ND		ND		ND		ND	
m,p-Xylenes	µg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
Naphthalene	µg/L	-	670	-	ND		ND		ND		ND		ND	B	ND	B	ND	B
o-Xylene	µg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
Toluene	µg/L	70	750	-	ND		ND		ND		ND		ND		ND		ND	
Xylenes, Total	µg/L	117	750	-	ND		ND		ND		ND		ND		ND		ND	

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

S = Matrix spike outside control limits

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

<u>Parameter</u>	<u>Units</u>	<u>30 Day Avg Limit</u>	<u>Daily Max</u>	<u>GW Cleanup Goals</u>	<u>11/1/2023</u>	<u>11/8/2023</u>	<u>11/15/2023</u>	<u>11/21/2023</u>	<u>11/29/2023</u>	<u>Average</u>	<u>Maximum</u>
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 B	ND B	ND B
o-Xylene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Toluene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	µg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND

ND=Not detected above the project acceptable detection limit

MGP Pump & Treat System Summary
Taylorville, Illinois
December 2023

DATE	TOTALIZER READING	FLOW	EXTRACTION WELL	Water Level		<u>Flow Data</u> For Month	<u>Gallons</u>
				East	West		
Dec-23						To Pond	1,502,029
						Below Pond	1,502,029
1	1,238,663	45,342	WEST	NM ⁽¹⁾	50	Average	48,453
2	1,284,005	66,681	WEST	NM ⁽¹⁾	50	Maximum	66,681
3	1,350,686	55,454	WEST	NM ⁽¹⁾	50	Minimum	23,030
4	1,406,140	56,057	WEST	NM ⁽¹⁾	52	Total Through Nov	1,358,503,036
5	1,462,197	38,074	WEST	NM ⁽¹⁾	52	Total Through Dec	1,360,005,065
6	1,500,271	51,917	WEST	NM ⁽¹⁾	50		
7	1,552,188	41,620	WEST	NM ⁽¹⁾	50		
8	1,593,808	53,605	WEST	NM ⁽¹⁾	50		
9	1,647,413	49,506	WEST	NM ⁽¹⁾	50		
10	1,696,919	37,191	WEST	NM ⁽¹⁾	50		
11	1,734,110	58,101	WEST	NM ⁽¹⁾	52		
12	1,792,211	37,593	WEST	NM ⁽¹⁾	52		
13	1,829,804	35,932	WEST	NM ⁽¹⁾	52		
14	1,865,736	52,698	WEST	NM ⁽¹⁾	52		
15	1,918,434	36,112	WEST	NM ⁽¹⁾	50		
16	1,954,546	47,608	WEST	NM ⁽¹⁾	50		
17	2,002,154	43,577	WEST	NM ⁽¹⁾	50		
18	2,045,731	45,998	WEST	NM ⁽¹⁾	50		
19	2,091,729	43,063	WEST	NM ⁽¹⁾	52		
20	2,134,792	38,545	WEST	NM ⁽¹⁾	52		
21	2,173,337	65,390	WEST	NM ⁽¹⁾	52		
22	2,238,727	63,840	WEST	NM ⁽¹⁾	48		
23	2,302,567	45,209	WEST	NM ⁽¹⁾	48		
24	2,347,776	40,488	WEST	NM ⁽¹⁾	50		
25	2,388,264	62,970	WEST	NM ⁽¹⁾	50		
26	2,451,234	40,736	WEST	NM ⁽¹⁾	52		
27	2,491,970	23,030	WEST	NM ⁽¹⁾	52		
28	2,515,000	62,557	WEST	NM ⁽¹⁾	52		
29	2,577,557	50,276	WEST	NM ⁽¹⁾	48		
30	2,627,833	63,428	WEST	NM ⁽¹⁾	48		
31	2,691,261	49,431	WEST	NM ⁽¹⁾	50		
Jan-24	2,740,692				50		

(1) Not measured - RW abandoned

Maintenance Summary

Well Cleaning	None		
Vessel	North	South	
Carbon Change	12/8/2023	None	
Cleaned Effluent Backwash Storage	None	None	
Back Washed Vessels	12/8/2023	12/19/2023	
Changed Bag Filters	North	Middle	South
	Inoperable	12/7/2023	12/1/2022
	Inoperable	12/14/2023	12/8/2022
	Inoperable	12/21/2023	12/15/2022
	Inoperable	12/28/2023	12/22/2022
Drum Disposal	None		

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
December 2023

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	12/6/2023		12/13/2023		12/20/2023		12/27/2023		Average	Maximum	
Lab pH		-	-	-	7.02	H	6.9	H	7.1	H	7.11	H	7.03	7.11	H
Iron, Dissolved	mg/L	-	-	-	0.265		0.238		0.373		0.232		0.277	0.373	
Iron, Total	mg/L	-	-	-	1.72		1.43		1.57		1.50		1.56	1.72	
Acenaphthene	mg/L	-	-	0.42	0.0188		0.0142		0.0209		0.0107		0.0162	0.0209	
Acenaphthylene	mg/L	-	-	-	0.00485		0.00310		0.00643		0.00190		0.00407	0.00643	
Anthracene	mg/L	-	-	2.1	0.00409		0.00497		0.00547		0.00379		0.00458	0.00547	
Benzo(a)anthracene	mg/L	-	-	0.00013	0.000298		0.000368		0.000392		0.000228		0.000322	0.000392	
Benzo(a)pyrene	mg/L	-	-	0.00023	ND		ND		ND		ND		ND	ND	
Benzo(b)fluoranthene	mg/L	-	-	-	0.000081	J	0.000080	J	0.000108		ND		0.000090	0.000108	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		0.000059	J	ND		0.000059	0.000059	J
Chrysene	mg/L	-	-	-	0.000213		0.000257		0.000307		0.000175		0.000238	0.000307	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Fluoranthene	mg/L	-	-	0.28	0.00337		0.00420		0.00437		0.00310		0.00376	0.00437	
Fluorene	mg/L	-	-	-	0.0110		0.0104		0.0122		0.00770		0.0103	0.0122	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
m,p-Cresol	mg/L	-	-	0.35	0.00120	J	ND		ND		ND		0.00120	0.00120	J
o-Cresol	mg/L	-	-	0.35	0.0029	J	0.0032	J	ND		0.0017	J	0.0026	0.0032	J
Phenanthrene	mg/L	-	-	-	0.0227		0.0227		0.0272		0.0145		0.0218	0.0272	
Pyrene	mg/L	-	-	-	0.00303		0.00385		0.00550		0.00374		0.00403	0.00550	
Total PNAs except Naphthalene	mg/L	-	-	-	0.0685		0.0641		0.0830		0.0444		0.0650	0.0830	
Benzene	µg/L	-	-	5	157		157		135		134		146	157	
Ethylbenzene	µg/L	-	-	700	32.8		25.5		31.3		26.6		29.1	32.8	
m,p-Xylenes	µg/L	-	-	-	44.4		40.7		36.1		39.8		40.3	44.4	
Naphthalene	µg/L	-	-	25	265		306		235		229		259	306	
o-Xylene	µg/L	-	-	-	22.6		21.6		19.0	J	20.9		21.0	22.6	
Toluene	µg/L	-	-	1000	97.5		81.9		83.5		73.7		84.2	97.5	
Xylenes, Total	µg/L	-	-	10000	67.0		62.3		55.1		60.7		61.3	67.0	

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
December 2023

<u>Parameter</u>	<u>Units</u>	<u>30 Day Avg Limit</u>	<u>Daily Max</u>	<u>GW Cleanup Goals</u>	<u>12/6/2023</u>	<u>12/13/2023</u>	<u>12/20/2023</u>	<u>12/27/2023</u>	<u>Average</u>	<u>Maximum</u>	
Lab pH		-	-	-	6.95 H	6.95 H	7.08 H	7.05 H	7.01	7.08	H
Iron, Dissolved	mg/L	-	-	-	0.0210 J	0.0429	0.0280 J	ND	0.0306	0.0429	
Iron, Total	mg/L	-	-	-	0.0250 J	0.0543	0.0487	0.0370 J	0.0413	0.0543	
Acenaphthene	mg/L	-	-	-	0.000147	ND	ND	ND	0.000147	0.000147	
Acenaphthylene	mg/L	-	-	-	0.000070 J	ND	ND	ND	0.000070	0.000070	J
Anthracene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	
Benzo(a)anthracene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	
Benzo(a)pyrene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	
Chrysene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	
Fluoranthene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	
Fluorene	mg/L	-	-	-	0.00010 J	ND	ND	ND	0.00010	0.00010	J
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	
m,p-Cresol	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	
o-Cresol	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	
Phenanthrene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	
Pyrene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	
Total PNAs except Naphthalene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	
Benzene	µg/L	-	-	-	3.0	ND	0.6	ND	1.8	3.0	
Ethylbenzene	µg/L	-	-	-	0.2 J	ND	ND	ND	0.1	0.2	J
m,p-Xylenes	µg/L	-	-	-	0.4 J	ND	ND	ND	0.4	0.4	J
Naphthalene	µg/L	-	-	-	2.0	ND	ND	ND	2.0	2.0	
o-Xylene	µg/L	-	-	-	0.2 J	ND	ND	ND	0.2	0.2	J
Toluene	µg/L	-	-	-	0.6 J	ND	ND	ND	0.6	0.6	J
Xylenes, Total	µg/L	-	-	-	0.6 J	ND	ND	ND	0.6	0.6	J

ND=Not detected above the project acceptable detection limit

J=Analyte detected below quantitation limits

H= Holding times exceeded

Effluent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
December 2023

<u>Parameter</u>	<u>Units</u>	<u>30 Day Avg Limit</u>	<u>Daily Max</u>	<u>GW Cleanup Goals</u>	<u>12/6/2023</u>		<u>12/13/2023</u>		<u>12/20/2023</u>		<u>12/27/2023</u>		<u>Average</u>	<u>Maximum</u>	
Lab pH		-	-	-	6.99	H	6.86	H	7.05	H	7.05	H	6.99	7.05	H
Iron, Dissolved	mg/L	-	1	-	ND		ND		ND		ND		ND	ND	
Iron, Total	mg/L	2	4	-	ND		ND		ND		0.037	J	0.037	0.037	J
Acenaphthene	mg/L	-	0.0608	-	ND		ND		ND		ND		ND	ND	
Acenaphthylene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Anthracene	mg/L	-	0.0023	-	ND		ND		ND		ND		ND	ND	
Benzo(a)anthracene	mg/L	-	0.001	-	ND		ND		ND		ND		ND	ND	
Benzo(a)pyrene	mg/L	-	0.0005	-	ND		ND		ND		ND		ND	ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Chrysene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Fluoranthene	mg/L	0.053	0.398	-	ND		ND		ND		ND		ND	ND	
Fluorene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
m,p-Cresol	mg/L	-	1.9	-	ND		ND		ND		ND		ND	ND	
o-Cresol	mg/L	-	1.9	-	ND		ND		ND		ND		ND	ND	
Phenanthrene	mg/L	-	0.01	-	ND		ND		ND		ND		ND	ND	
Pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Total PNAs except Naphthalene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Benzene	µg/L	-	50	-	ND		ND		ND		ND		ND	ND	
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		ND		ND		ND		ND	ND	
o-Xylene	µg/L	-	-	-	ND		ND		ND	S	ND		ND	ND	S
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

S=Spike recovery outside recovery limits

H= Holding times exceeded

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

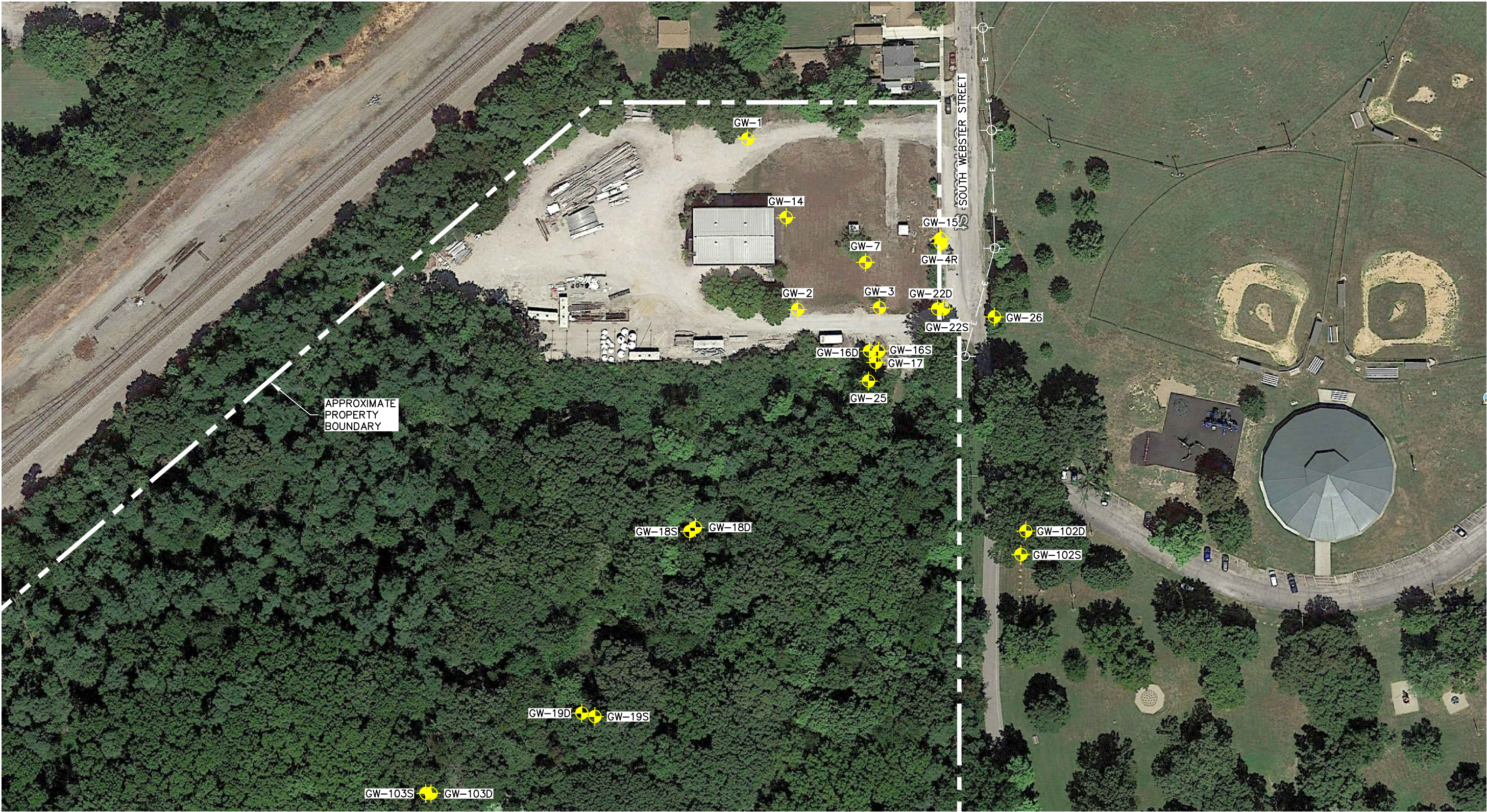
<u>Parameter</u>	<u>Units</u>	<u>30 Day Avg Limit</u>	<u>Daily Max</u>	<u>GW Cleanup Goals</u>	<u>12/6/2023</u>	<u>12/13/2023</u>	<u>12/21/2023</u>	<u>12/27/2023</u>	<u>Average</u>	<u>Maximum</u>
Benzene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Ethylbenzene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
m,p-Xylenes	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Naphthalene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
o-Xylene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Toluene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Xylenes, Total	µg/L	-	-	-	ND	ND	ND	ND	ND	ND

ND=Not detected above the project acceptable detection limit

B = Analyte present in method blank

J = Estimated concentration

MONITORING WELL LOCATION MAP



Q:\TeamID\MMV\CinA-DIAMEREN SERVICES\0496580\0496580-01.dwg, MW LOCATION MAP, 1/26/2021 11:18:43 AM, FAK - Holland, Mi.

LEGEND

- MONITORING WELL
- POWER POLES
- OVERHEAD POWER LINES

0 100 200
SCALE (IN FEET)

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



FORMER CIPS MGP SITE 917 SOUTH WEBSTER STREET TAYLORVILLE, ILLINOIS	CHK'D BC
	0496580
Environmental Resources Management	
FIGURE 1	



16 November 2023

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

Subject: Year 2023 Quarter 4 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.

Groundwater sampling activities for the fourth quarter of 2023 occurred from 25 October through 27 October 2023.

The analytical results from the fourth quarter of groundwater sampling, provided by Teklab, Inc., are presented in Attachment A. A summary of the quarterly groundwater sampling 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 benzene concentrations are of the same order of magnitude to what has been observed historically, while for the second consecutive sampling event, naphthalene concentrations were observed at an order of magnitude lower than historically detected. The detected concentrations of both these parameters concentrations exceed their applicable ROs.

Benzo(a)anthracene was detected at monitoring well GW-07 above its applicable RO. This finding is consistent with historical groundwater analytical results at this location.

Wells on the downgradient perimeter of the Site, which includes monitoring wells GW-16S, GW-16D, GW-17, GW-22S, GW-22D, GW-25, and GW-26, did not have any exceedances of the ROs for the primary Site constituents of concern (COC), with one exception. Bis(2-ethylhexyl)phthalate was detected above its applicable RO at monitoring well GW-16D. This finding is largely consistent with historical groundwater analytical results at this location, as this constituent is intermittently detected at this location.

Consistent with previous sampling events, polynuclear aromatic hydrocarbons (PAHs) including benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, Dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene were detected at concentrations exceeding the applicable ROs at GW-20. However, volatile organic compounds (VOCs) were

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

Groundwater samples were not collected from monitoring wells GW-01, GW-02, and GW-03 during the fourth quarter groundwater sampling event. As discussed in the third quarter 2023 groundwater sampling event report, GW-01 and GW-03 were abandoned by GeoServe Inc, an Illinois licensed driller, on 5 July through 6 July 2023 for facilitation of the in-situ stabilization (ISS) pilot study activities at the Site. The ISS pilot study activities, including the abandonment of these monitoring wells, was approved by the IEPA in a letter dated 21 June 2023.

As with the third quarter 2023 sampling event, GW-02 was unable to be sampled during the fourth quarter sampling event due to damage to the well casing. The damaged well casing at GW-02 prevents the gauging and sampling of this monitoring well. ERM recommends that this monitoring well be abandoned in accordance with Illinois Department of Public Health (IDPH) and plans to submit a request for approval to abandon the monitoring well to IEPA in the near future.

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) 341-7699.

Sincerely,



Michael Abegg, RG (MO)
Senior Consultant

ATTACHMENT A ANALYTICAL RESULTS: OCTOBER 2023

November 10, 2023

Michael Abegg
ERM
1968 Craig Road
Suite 100
St. Louis, MO 63146
TEL:
FAX:



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

RE: Ameren Taylorville 4th Qtr 2023

WorkOrder: 23102244

Dear Michael Abegg:

TEKLAB, INC received 23 samples on 10/27/2023 1:36:00 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
Director of Customer Service
(618)344-1004 ex 33
ehurley@teklabinc.com

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

This reporting package includes the following:

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	5
Accreditations	6
Laboratory Results	7
Sample Summary	30
Dates Report	31
Quality Control Results	34
Receiving Check List	52
Chain of Custody	Appended

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-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: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-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: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

Cooler Receipt Temp: 6.2 °C

This report was revised on November 10, 2023 per Michael Abegg's request. The reason for the revision is change the date/time of collection for the Trip Blank to match what is listed on the chain of custody rather than the received date/time as the "end of trip." Please replace report dated November 6, 2023 with this report. EAH 11/10/23

Locations

Collinsville

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

Collinsville Air

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

Springfield

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

Chicago

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

Kansas City

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

Client: ERM**Work Order:** 23102244**Client Project:** Ameren Taylorville 4th Qtr 2023**Report Date:** 10-Nov-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	6/30/2024	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2024	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2024	Collinsville
Arkansas	ADEQ	88-0966		3/14/2024	Collinsville
Illinois	IDPH	17584		5/31/2025	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: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

Lab ID: 23102244-001

Client Sample ID: GW-04R-WG-20231027

Matrix: GROUNDWATER

Collection Date: 10/27/2023 10:45

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.000700	0.00100		0.0330	mg/L	10	11/03/2023 17:51	214142
Acenaphthylene	NELAP	0.000050	0.000100		0.00163	mg/L	1	11/03/2023 12:04	214142
Anthracene	NELAP	0.000200	0.000300		0.000920	mg/L	1	11/03/2023 12:04	214142
Benzo(a)anthracene	NELAP	0.000070	0.000100		0.000570	mg/L	1	11/03/2023 12:04	214142
Benzo(a)pyrene	NELAP	0.000110	0.000200		ND	mg/L	1	11/03/2023 12:04	214142
Benzo(b)fluoranthene	NELAP	0.000070	0.000100		0.000557	mg/L	1	11/03/2023 12:04	214142
Benzo(g,h,i)perylene	NELAP	0.000120	0.000200		ND	mg/L	1	11/03/2023 12:04	214142
Benzo(k)fluoranthene	NELAP	0.000050	0.000100		0.000116	mg/L	1	11/03/2023 12:04	214142
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	11/03/2023 12:04	214142
Chrysene	NELAP	0.000050	0.000100		0.00217	mg/L	1	11/03/2023 12:04	214142
Dibenzo(a,h)anthracene	NELAP	0.000120	0.000200		ND	mg/L	1	11/03/2023 12:04	214142
Di-n-butyl phthalate	NELAP	0.000830	0.0100		ND	mg/L	1	11/03/2023 12:04	214142
Fluoranthene	NELAP	0.00270	0.00300		0.00893	mg/L	10	11/03/2023 17:51	214142
Fluorene	NELAP	0.00800	0.0200		0.0573	mg/L	100	11/03/2023 17:12	214142
Indeno(1,2,3-cd)pyrene	NELAP	0.000160	0.000200		ND	mg/L	1	11/03/2023 12:04	214142
m,p-Cresol	NELAP	0.00059	0.010	J	0.00079	mg/L	1	11/03/2023 12:04	214142
Naphthalene	NELAP	0.0340	0.0400		0.343	mg/L	100	11/03/2023 17:12	214142
o-Cresol	NELAP	0.000540	0.0100		ND	mg/L	1	11/03/2023 12:04	214142
Phenanthrene	NELAP	0.0530	0.0600		0.0669	mg/L	100	11/03/2023 17:12	214142
Pyrene	NELAP	0.000180	0.000200		0.00411	mg/L	1	11/03/2023 12:04	214142
Surr: 2,4,6-Tribromophenol	*	0	10-179		92.5	%REC	1	11/03/2023 12:04	214142
Surr: 2-Fluorobiphenyl	*	0	21.4-142		80.6	%REC	1	11/03/2023 12:04	214142
Surr: 2-Fluorophenol	*	0	10-157		75.1	%REC	1	11/03/2023 12:04	214142
Surr: Nitrobenzene-d5	*	0	15-163		90.9	%REC	1	11/03/2023 12:04	214142
Surr: Phenol-d5	*	0	10-162		69.4	%REC	1	11/03/2023 12:04	214142
Surr: p-Terphenyl-d14	*	0	10-173		78.8	%REC	1	11/03/2023 12:04	214142
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.50	5.00		346	µg/L	10	10/28/2023 6:09	213960
Bromoform	NELAP	0.90	2.00		ND	µg/L	10	10/28/2023 6:09	213960
Ethylbenzene	NELAP	1.00	10.0		117	µg/L	10	10/28/2023 6:09	213960
m,p-Xylenes	NELAP	2.20	10.0		14.7	µg/L	10	10/28/2023 6:09	213960
Methylene chloride	NELAP	8.70	20.0		ND	µg/L	10	10/28/2023 6:09	213960
Naphthalene	NELAP	5.70	20.0		510	µg/L	10	10/28/2023 6:09	213960
o-Xylene	NELAP	0.50	10.0		62.0	µg/L	10	10/28/2023 6:09	213960
Toluene	NELAP	1.00	20.0		24.8	µg/L	10	10/28/2023 6:09	213960
trans-1,2-Dichloroethene	NELAP	1.00	20.0		ND	µg/L	10	10/28/2023 6:09	213960
Xylenes, Total	NELAP	2.80	20.0		76.7	µg/L	10	10/28/2023 6:09	213960
Surr: 1,2-Dichloroethane-d4	*	0	80-120		95.2	%REC	10	10/28/2023 6:09	213960
Surr: 4-Bromofluorobenzene	*	0	80-120		89.3	%REC	10	10/28/2023 6:09	213960
Surr: Dibromofluoromethane	*	0	80-120		105.2	%REC	10	10/28/2023 6:09	213960
Surr: Toluene-d8	*	0	80-120		95.5	%REC	10	10/28/2023 6:09	213960

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

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

Lab ID: 23102244-002

Client Sample ID: GW-05-WG-20231025

Matrix: GROUNDWATER

Collection Date: 10/25/2023 13:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/01/2023 15:40	214029
Acenaphthylene	NELAP	0.000050	0.000100		ND	mg/L	1	11/01/2023 15:40	214029
Anthracene	NELAP	0.000200	0.000300		ND	mg/L	1	11/01/2023 15:40	214029
Benzo(a)anthracene	NELAP	0.000070	0.000100		ND	mg/L	1	11/01/2023 15:40	214029
Benzo(a)pyrene	NELAP	0.000110	0.000200		ND	mg/L	1	11/01/2023 15:40	214029
Benzo(b)fluoranthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/01/2023 15:40	214029
Benzo(g,h,i)perylene	NELAP	0.000120	0.000200		ND	mg/L	1	11/01/2023 15:40	214029
Benzo(k)fluoranthene	NELAP	0.000050	0.000100		ND	mg/L	1	11/01/2023 15:40	214029
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	11/01/2023 15:40	214029
Chrysene	NELAP	0.000050	0.000100		ND	mg/L	1	11/01/2023 15:40	214029
Dibenzo(a,h)anthracene	NELAP	0.000120	0.000200		ND	mg/L	1	11/01/2023 15:40	214029
Di-n-butyl phthalate	NELAP	0.000830	0.0100		ND	mg/L	1	11/01/2023 15:40	214029
Fluoranthene	NELAP	0.000270	0.000300		ND	mg/L	1	11/01/2023 15:40	214029
Fluorene	NELAP	0.000080	0.000200	B	ND	mg/L	1	11/01/2023 15:40	214029
Indeno(1,2,3-cd)pyrene	NELAP	0.000160	0.000200		ND	mg/L	1	11/01/2023 15:40	214029
m,p-Cresol	NELAP	0.000590	0.0100		ND	mg/L	1	11/01/2023 15:40	214029
Naphthalene	NELAP	0.000340	0.000400		ND	mg/L	1	11/01/2023 15:40	214029
o-Cresol	NELAP	0.000540	0.0100		ND	mg/L	1	11/01/2023 15:40	214029
Phenanthrene	NELAP	0.000530	0.000600		ND	mg/L	1	11/01/2023 15:40	214029
Pyrene	NELAP	0.000180	0.000200		ND	mg/L	1	11/01/2023 15:40	214029
Surr: 2,4,6-Tribromophenol	*	0	10-179		94.8	%REC	1	11/01/2023 15:40	214029
Surr: 2-Fluorobiphenyl	*	0	21.4-142		76.4	%REC	1	11/01/2023 15:40	214029
Surr: 2-Fluorophenol	*	0	10-157		84.8	%REC	1	11/01/2023 15:40	214029
Surr: Nitrobenzene-d5	*	0	15-163		85.4	%REC	1	11/01/2023 15:40	214029
Surr: Phenol-d5	*	0	10-162		74.7	%REC	1	11/01/2023 15:40	214029
Surr: p-Terphenyl-d14	*	0	10-173		89.2	%REC	1	11/01/2023 15:40	214029
Contamination present in the MBLK for Fluorene. Sample results below the reporting limit are reportable per the TNI Standard.									
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	10/28/2023 6:34	213960
Bromoform	NELAP	0.09	0.20		ND	µg/L	1	10/28/2023 6:34	213960
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	10/28/2023 6:34	213960
m,p-Xylenes	NELAP	0.22	1.00		ND	µg/L	1	10/28/2023 6:34	213960
Methylene chloride	NELAP	0.87	2.00		ND	µg/L	1	10/28/2023 6:34	213960
Naphthalene	NELAP	0.57	2.0	J	0.93	µg/L	1	10/28/2023 6:34	213960
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	10/28/2023 6:34	213960
Toluene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 6:34	213960
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 6:34	213960
Xylenes, Total	NELAP	0.28	2.00		ND	µg/L	1	10/28/2023 6:34	213960
Surr: 1,2-Dichloroethane-d4	*	0	80-120		95.9	%REC	1	10/28/2023 6:34	213960
Surr: 4-Bromofluorobenzene	*	0	80-120		92.4	%REC	1	10/28/2023 6:34	213960
Surr: Dibromofluoromethane	*	0	80-120		104.6	%REC	1	10/28/2023 6:34	213960
Surr: Toluene-d8	*	0	80-120		95.5	%REC	1	10/28/2023 6:34	213960

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

Lab ID: 23102244-003

Client Sample ID: GW-07-WG-20231027

Matrix: GROUNDWATER

Collection Date: 10/27/2023 8:25

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.000070	0.000100		0.000158	mg/L	1	11/03/2023 12:43	214142
Acenaphthylene	NELAP	0.000050	0.000100		0.000202	mg/L	1	11/03/2023 12:43	214142
Anthracene	NELAP	0.000200	0.000300		0.00161	mg/L	1	11/03/2023 12:43	214142
Benzo(a)anthracene	NELAP	0.000070	0.000100		0.000211	mg/L	1	11/03/2023 12:43	214142
Benzo(a)pyrene	NELAP	0.000110	0.000200		ND	mg/L	1	11/03/2023 12:43	214142
Benzo(b)fluoranthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/03/2023 12:43	214142
Benzo(g,h,i)perylene	NELAP	0.000120	0.000200		ND	mg/L	1	11/03/2023 12:43	214142
Benzo(k)fluoranthene	NELAP	0.000050	0.000100		ND	mg/L	1	11/03/2023 12:43	214142
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		0.00271	mg/L	1	11/03/2023 12:43	214142
Chrysene	NELAP	0.000050	0.000100		0.000184	mg/L	1	11/03/2023 12:43	214142
Dibenzo(a,h)anthracene	NELAP	0.000120	0.000200		ND	mg/L	1	11/03/2023 12:43	214142
Di-n-butyl phthalate	NELAP	0.000830	0.0100		ND	mg/L	1	11/03/2023 12:43	214142
Fluoranthene	NELAP	0.000270	0.000300		0.00122	mg/L	1	11/03/2023 12:43	214142
Fluorene	NELAP	0.000080	0.000200		0.000393	mg/L	1	11/03/2023 12:43	214142
Indeno(1,2,3-cd)pyrene	NELAP	0.000160	0.000200		ND	mg/L	1	11/03/2023 12:43	214142
m,p-Cresol	NELAP	0.000590	0.0100		ND	mg/L	1	11/03/2023 12:43	214142
Naphthalene	NELAP	0.000340	0.000400		0.000614	mg/L	1	11/03/2023 12:43	214142
o-Cresol	NELAP	0.000540	0.0100		ND	mg/L	1	11/03/2023 12:43	214142
Phenanthrene	NELAP	0.000530	0.000600		ND	mg/L	1	11/03/2023 12:43	214142
Pyrene	NELAP	0.000180	0.000200		0.00265	mg/L	1	11/03/2023 12:43	214142
Surr: 2,4,6-Tribromophenol	*	0	10-179		97.1	%REC	1	11/03/2023 12:43	214142
Surr: 2-Fluorobiphenyl	*	0	21.4-142		69.3	%REC	1	11/03/2023 12:43	214142
Surr: 2-Fluorophenol	*	0	10-157		77.4	%REC	1	11/03/2023 12:43	214142
Surr: Nitrobenzene-d5	*	0	15-163		76.8	%REC	1	11/03/2023 12:43	214142
Surr: Phenol-d5	*	0	10-162		61.7	%REC	1	11/03/2023 12:43	214142
Surr: p-Terphenyl-d14	*	0	10-173		82.3	%REC	1	11/03/2023 12:43	214142
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	10/28/2023 6:59	213960
Bromoform	NELAP	0.09	0.20		ND	µg/L	1	10/28/2023 6:59	213960
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	10/28/2023 6:59	213960
m,p-Xylenes	NELAP	0.22	1.00		ND	µg/L	1	10/28/2023 6:59	213960
Methylene chloride	NELAP	0.87	2.00		ND	µg/L	1	10/28/2023 6:59	213960
Naphthalene	NELAP	0.57	2.00		ND	µg/L	1	10/28/2023 6:59	213960
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	10/28/2023 6:59	213960
Toluene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 6:59	213960
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 6:59	213960
Xylenes, Total	NELAP	0.28	2.00		ND	µg/L	1	10/28/2023 6:59	213960
Surr: 1,2-Dichloroethane-d4	*	0	80-120		97.3	%REC	1	10/28/2023 6:59	213960
Surr: 4-Bromofluorobenzene	*	0	80-120		92.6	%REC	1	10/28/2023 6:59	213960
Surr: Dibromofluoromethane	*	0	80-120		106.4	%REC	1	10/28/2023 6:59	213960
Surr: Toluene-d8	*	0	80-120		95.4	%REC	1	10/28/2023 6:59	213960

Client: ERM
 Client Project: Ameren Taylorville 4th Qtr 2023
 Lab ID: 23102244-004
 Matrix: GROUNDWATER

Work Order: 23102244
 Report Date: 10-Nov-23

Client Sample ID: GW-14-WG-20231026

Collection Date: 10/26/2023 17:35

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 15:29	214029
Acenaphthylene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 15:29	214029
Anthracene	NELAP	0.000200	0.000300		ND	mg/L	1	11/02/2023 15:29	214029
Benzo(a)anthracene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 15:29	214029
Benzo(a)pyrene	NELAP	0.000110	0.000200		ND	mg/L	1	11/02/2023 15:29	214029
Benzo(b)fluoranthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 15:29	214029
Benzo(g,h,i)perylene	NELAP	0.000120	0.000200		ND	mg/L	1	11/02/2023 15:29	214029
Benzo(k)fluoranthene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 15:29	214029
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		0.00216	mg/L	1	11/02/2023 15:29	214029
Chrysene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 15:29	214029
Dibenzo(a,h)anthracene	NELAP	0.000120	0.000200		ND	mg/L	1	11/02/2023 15:29	214029
Di-n-butyl phthalate	NELAP	0.000830	0.0100		ND	mg/L	1	11/02/2023 15:29	214029
Fluoranthene	NELAP	0.000270	0.000300		ND	mg/L	1	11/02/2023 15:29	214029
Fluorene	NELAP	0.000080	0.000200	B	ND	mg/L	1	11/02/2023 15:29	214029
Indeno(1,2,3-cd)pyrene	NELAP	0.000160	0.000200		ND	mg/L	1	11/02/2023 15:29	214029
m,p-Cresol	NELAP	0.000590	0.0100		ND	mg/L	1	11/02/2023 15:29	214029
Naphthalene	NELAP	0.000340	0.000400		ND	mg/L	1	11/02/2023 15:29	214029
o-Cresol	NELAP	0.000540	0.0100		ND	mg/L	1	11/02/2023 15:29	214029
Phenanthrene	NELAP	0.000530	0.000600		ND	mg/L	1	11/02/2023 15:29	214029
Pyrene	NELAP	0.000180	0.000200		ND	mg/L	1	11/02/2023 15:29	214029
Surr: 2,4,6-Tribromophenol	*	0	10-179		102.1	%REC	1	11/02/2023 15:29	214029
Surr: 2-Fluorobiphenyl	*	0	21.4-142		71.0	%REC	1	11/02/2023 15:29	214029
Surr: 2-Fluorophenol	*	0	10-157		77.2	%REC	1	11/02/2023 15:29	214029
Surr: Nitrobenzene-d5	*	0	15-163		74.9	%REC	1	11/02/2023 15:29	214029
Surr: Phenol-d5	*	0	10-162		61.9	%REC	1	11/02/2023 15:29	214029
Surr: p-Terphenyl-d14	*	0	10-173		86.6	%REC	1	11/02/2023 15:29	214029
Contamination present in the MBLK for Fluorene. Sample results below the reporting limit are reportable per the TNI Standard.									
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	10/28/2023 7:24	213960
Bromoform	NELAP	0.09	0.20		ND	µg/L	1	10/28/2023 7:24	213960
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	10/28/2023 7:24	213960
m,p-Xylenes	NELAP	0.22	1.00		ND	µg/L	1	10/28/2023 7:24	213960
Methylene chloride	NELAP	0.87	2.00		ND	µg/L	1	10/28/2023 7:24	213960
Naphthalene	NELAP	0.57	2.00		ND	µg/L	1	10/28/2023 7:24	213960
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	10/28/2023 7:24	213960
Toluene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 7:24	213960
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 7:24	213960
Xylenes, Total	NELAP	0.28	2.00		ND	µg/L	1	10/28/2023 7:24	213960
Surr: 1,2-Dichloroethane-d4	*	0	80-120		96.1	%REC	1	10/28/2023 7:24	213960
Surr: 4-Bromofluorobenzene	*	0	80-120		92.5	%REC	1	10/28/2023 7:24	213960
Surr: Dibromofluoromethane	*	0	80-120		105.2	%REC	1	10/28/2023 7:24	213960
Surr: Toluene-d8	*	0	80-120		94.8	%REC	1	10/28/2023 7:24	213960

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

Lab ID: 23102244-005

Client Sample ID: GW-15-WG-20231027

Matrix: GROUNDWATER

Collection Date: 10/27/2023 10:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/03/2023 15:16	214142
Acenaphthylene	NELAP	0.000050	0.000100		ND	mg/L	1	11/03/2023 15:16	214142
Anthracene	NELAP	0.000200	0.000300		ND	mg/L	1	11/03/2023 15:16	214142
Benzo(a)anthracene	NELAP	0.000070	0.000100		ND	mg/L	1	11/03/2023 15:16	214142
Benzo(a)pyrene	NELAP	0.000110	0.000200		ND	mg/L	1	11/03/2023 15:16	214142
Benzo(b)fluoranthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/03/2023 15:16	214142
Benzo(g,h,i)perylene	NELAP	0.000120	0.000200		ND	mg/L	1	11/03/2023 15:16	214142
Benzo(k)fluoranthene	NELAP	0.000050	0.000100		ND	mg/L	1	11/03/2023 15:16	214142
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200	S	ND	mg/L	1	11/03/2023 15:16	214142
Chrysene	NELAP	0.000050	0.000100		ND	mg/L	1	11/03/2023 15:16	214142
Dibenzo(a,h)anthracene	NELAP	0.000120	0.000200		ND	mg/L	1	11/03/2023 15:16	214142
Di-n-butyl phthalate	NELAP	0.000830	0.0100		ND	mg/L	1	11/03/2023 15:16	214142
Fluoranthene	NELAP	0.000270	0.000300		ND	mg/L	1	11/03/2023 15:16	214142
Fluorene	NELAP	0.000080	0.000200		ND	mg/L	1	11/03/2023 15:16	214142
Indeno(1,2,3-cd)pyrene	NELAP	0.000160	0.000200		ND	mg/L	1	11/03/2023 15:16	214142
m,p-Cresol	NELAP	0.000590	0.0100		ND	mg/L	1	11/03/2023 15:16	214142
Naphthalene	NELAP	0.000340	0.000400		ND	mg/L	1	11/03/2023 15:16	214142
o-Cresol	NELAP	0.000540	0.0100		ND	mg/L	1	11/03/2023 15:16	214142
Phenanthrene	NELAP	0.000530	0.000600		ND	mg/L	1	11/03/2023 15:16	214142
Pyrene	NELAP	0.000180	0.000200		ND	mg/L	1	11/03/2023 15:16	214142
Surr: 2,4,6-Tribromophenol	*	0	10-179		120.4	%REC	1	11/03/2023 15:16	214142
Surr: 2-Fluorobiphenyl	*	0	21.4-142		99.6	%REC	1	11/03/2023 15:16	214142
Surr: 2-Fluorophenol	*	0	10-157		98.4	%REC	1	11/03/2023 15:16	214142
Surr: Nitrobenzene-d5	*	0	15-163		92.8	%REC	1	11/03/2023 15:16	214142
Surr: Phenol-d5	*	0	10-162		86.2	%REC	1	11/03/2023 15:16	214142
Surr: p-Terphenyl-d14	*	0	10-173		115.4	%REC	1	11/03/2023 15:16	214142
Matrix spike did not recover within control limits due to matrix interference.									
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	10/27/2023 21:58	213946
Bromoform	NELAP	0.09	0.20		ND	µg/L	1	10/27/2023 21:58	213946
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	10/27/2023 21:58	213946
m,p-Xylenes	NELAP	0.22	1.00		ND	µg/L	1	10/27/2023 21:58	213946
Methylene chloride	NELAP	0.87	2.00		ND	µg/L	1	10/27/2023 21:58	213946
Naphthalene	NELAP	0.57	2.00		ND	µg/L	1	10/27/2023 21:58	213946
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	10/27/2023 21:58	213946
Toluene	NELAP	0.10	2.00		ND	µg/L	1	10/27/2023 21:58	213946
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	10/27/2023 21:58	213946
Xylenes, Total	NELAP	0.28	2.00		ND	µg/L	1	10/27/2023 21:58	213946
Surr: 1,2-Dichloroethane-d4	*	0	80-120		99.6	%REC	1	10/27/2023 21:58	213946
Surr: 4-Bromofluorobenzene	*	0	80-120		98.8	%REC	1	10/27/2023 21:58	213946
Surr: Dibromofluoromethane	*	0	80-120		103.7	%REC	1	10/27/2023 21:58	213946
Surr: Toluene-d8	*	0	80-120		103.1	%REC	1	10/27/2023 21:58	213946

Client: ERM
 Client Project: Ameren Taylorville 4th Qtr 2023
 Lab ID: 23102244-006
 Matrix: GROUNDWATER

Work Order: 23102244
 Report Date: 10-Nov-23

Client Sample ID: GW-16S-WG-20231025

Collection Date: 10/25/2023 16:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/01/2023 16:19	214029
Acenaphthylene	NELAP	0.000050	0.000100		ND	mg/L	1	11/01/2023 16:19	214029
Anthracene	NELAP	0.000200	0.000300		ND	mg/L	1	11/01/2023 16:19	214029
Benzo(a)anthracene	NELAP	0.000070	0.000100		ND	mg/L	1	11/01/2023 16:19	214029
Benzo(a)pyrene	NELAP	0.000110	0.000200		ND	mg/L	1	11/01/2023 16:19	214029
Benzo(b)fluoranthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/01/2023 16:19	214029
Benzo(g,h,i)perylene	NELAP	0.000120	0.000200		ND	mg/L	1	11/01/2023 16:19	214029
Benzo(k)fluoranthene	NELAP	0.000050	0.000100		ND	mg/L	1	11/01/2023 16:19	214029
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		0.00426	mg/L	1	11/01/2023 16:19	214029
Chrysene	NELAP	0.000050	0.000100		ND	mg/L	1	11/01/2023 16:19	214029
Dibenzo(a,h)anthracene	NELAP	0.000120	0.000200		ND	mg/L	1	11/01/2023 16:19	214029
Di-n-butyl phthalate	NELAP	0.000830	0.0100		ND	mg/L	1	11/01/2023 16:19	214029
Fluoranthene	NELAP	0.000270	0.000300		ND	mg/L	1	11/01/2023 16:19	214029
Fluorene	NELAP	0.000080	0.000200	B	ND	mg/L	1	11/01/2023 16:19	214029
Indeno(1,2,3-cd)pyrene	NELAP	0.000160	0.000200		ND	mg/L	1	11/01/2023 16:19	214029
m,p-Cresol	NELAP	0.000590	0.0100		ND	mg/L	1	11/01/2023 16:19	214029
Naphthalene	NELAP	0.000340	0.000400		ND	mg/L	1	11/01/2023 16:19	214029
o-Cresol	NELAP	0.000540	0.0100		ND	mg/L	1	11/01/2023 16:19	214029
Phenanthrene	NELAP	0.000530	0.000600		ND	mg/L	1	11/01/2023 16:19	214029
Pyrene	NELAP	0.000180	0.000200		ND	mg/L	1	11/01/2023 16:19	214029
Surr: 2,4,6-Tribromophenol	*	0	10-179		92.7	%REC	1	11/01/2023 16:19	214029
Surr: 2-Fluorobiphenyl	*	0	21.4-142		80.7	%REC	1	11/01/2023 16:19	214029
Surr: 2-Fluorophenol	*	0	10-157		82.9	%REC	1	11/01/2023 16:19	214029
Surr: Nitrobenzene-d5	*	0	15-163		88.6	%REC	1	11/01/2023 16:19	214029
Surr: Phenol-d5	*	0	10-162		66.6	%REC	1	11/01/2023 16:19	214029
Surr: p-Terphenyl-d14	*	0	10-173		88.8	%REC	1	11/01/2023 16:19	214029

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

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	10/28/2023 7:48	213960
Bromoform	NELAP	0.09	0.20		ND	µg/L	1	10/28/2023 7:48	213960
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	10/28/2023 7:48	213960
m,p-Xylenes	NELAP	0.22	1.00		ND	µg/L	1	10/28/2023 7:48	213960
Methylene chloride	NELAP	0.87	2.00		ND	µg/L	1	10/28/2023 7:48	213960
Naphthalene	NELAP	0.57	2.00		ND	µg/L	1	10/28/2023 7:48	213960
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	10/28/2023 7:48	213960
Toluene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 7:48	213960
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 7:48	213960
Xylenes, Total	NELAP	0.28	2.00		ND	µg/L	1	10/28/2023 7:48	213960
Surr: 1,2-Dichloroethane-d4	*	0	80-120		97.2	%REC	1	10/28/2023 7:48	213960
Surr: 4-Bromofluorobenzene	*	0	80-120		91.2	%REC	1	10/28/2023 7:48	213960
Surr: Dibromofluoromethane	*	0	80-120		105.3	%REC	1	10/28/2023 7:48	213960
Surr: Toluene-d8	*	0	80-120		94.6	%REC	1	10/28/2023 7:48	213960

Client: ERM
 Client Project: Ameren Taylorville 4th Qtr 2023
 Lab ID: 23102244-007
 Matrix: GROUNDWATER

Work Order: 23102244
 Report Date: 10-Nov-23
 Client Sample ID: GW-16D-WG-20231025
 Collection Date: 10/25/2023 15:45

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/01/2023 16:58	214029
Acenaphthylene	NELAP	0.000050	0.000100		ND	mg/L	1	11/01/2023 16:58	214029
Anthracene	NELAP	0.000200	0.000300		ND	mg/L	1	11/01/2023 16:58	214029
Benzo(a)anthracene	NELAP	0.000070	0.000100		ND	mg/L	1	11/01/2023 16:58	214029
Benzo(a)pyrene	NELAP	0.000110	0.000200		ND	mg/L	1	11/01/2023 16:58	214029
Benzo(b)fluoranthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/01/2023 16:58	214029
Benzo(g,h,i)perylene	NELAP	0.000120	0.000200		ND	mg/L	1	11/01/2023 16:58	214029
Benzo(k)fluoranthene	NELAP	0.000050	0.000100		ND	mg/L	1	11/01/2023 16:58	214029
Bis(2-ethylhexyl)phthalate	NELAP	0.00715	0.00725		0.00726	mg/L	5	11/02/2023 23:56	214029
Chrysene	NELAP	0.000050	0.000100		ND	mg/L	1	11/01/2023 16:58	214029
Dibenzo(a,h)anthracene	NELAP	0.000120	0.000200		ND	mg/L	1	11/01/2023 16:58	214029
Di-n-butyl phthalate	NELAP	0.000830	0.0100		ND	mg/L	1	11/01/2023 16:58	214029
Fluoranthene	NELAP	0.000270	0.000300		ND	mg/L	1	11/01/2023 16:58	214029
Fluorene	NELAP	0.000080	0.000200	B	ND	mg/L	1	11/01/2023 16:58	214029
Indeno(1,2,3-cd)pyrene	NELAP	0.000160	0.000200		ND	mg/L	1	11/01/2023 16:58	214029
m,p-Cresol	NELAP	0.000590	0.0100		ND	mg/L	1	11/01/2023 16:58	214029
Naphthalene	NELAP	0.000340	0.000400		ND	mg/L	1	11/01/2023 16:58	214029
o-Cresol	NELAP	0.000540	0.0100		ND	mg/L	1	11/01/2023 16:58	214029
Phenanthrene	NELAP	0.000530	0.000600		ND	mg/L	1	11/01/2023 16:58	214029
Pyrene	NELAP	0.000180	0.000200		ND	mg/L	1	11/01/2023 16:58	214029
Surr: 2,4,6-Tribromophenol	*	0	10-179		123.3	%REC	1	11/01/2023 16:58	214029
Surr: 2-Fluorobiphenyl	*	0	21.4-142		79.7	%REC	1	11/01/2023 16:58	214029
Surr: 2-Fluorophenol	*	0	10-157		87.2	%REC	1	11/01/2023 16:58	214029
Surr: Nitrobenzene-d5	*	0	15-163		85.6	%REC	1	11/01/2023 16:58	214029
Surr: Phenol-d5	*	0	10-162		75.1	%REC	1	11/01/2023 16:58	214029
Surr: p-Terphenyl-d14	*	0	10-173		109.1	%REC	1	11/01/2023 16:58	214029
Contamination present in the MBLK for Fluorene. Sample results below the reporting limit are reportable per the TNI Standard.									
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		0.64	µg/L	1	10/28/2023 8:13	213960
Bromoform	NELAP	0.09	0.20		ND	µg/L	1	10/28/2023 8:13	213960
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	10/28/2023 8:13	213960
m,p-Xylenes	NELAP	0.22	1.00		ND	µg/L	1	10/28/2023 8:13	213960
Methylene chloride	NELAP	0.87	2.00		ND	µg/L	1	10/28/2023 8:13	213960
Naphthalene	NELAP	0.57	2.00		ND	µg/L	1	10/28/2023 8:13	213960
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	10/28/2023 8:13	213960
Toluene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 8:13	213960
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 8:13	213960
Xylenes, Total	NELAP	0.28	2.00		ND	µg/L	1	10/28/2023 8:13	213960
Surr: 1,2-Dichloroethane-d4	*	0	80-120		97.1	%REC	1	10/28/2023 8:13	213960
Surr: 4-Bromofluorobenzene	*	0	80-120		93.5	%REC	1	10/28/2023 8:13	213960
Surr: Dibromofluoromethane	*	0	80-120		105.3	%REC	1	10/28/2023 8:13	213960
Surr: Toluene-d8	*	0	80-120		96.1	%REC	1	10/28/2023 8:13	213960

Client: ERM
 Client Project: Ameren Taylorville 4th Qtr 2023
 Lab ID: 23102244-008
 Matrix: GROUNDWATER

Work Order: 23102244
 Report Date: 10-Nov-23

Client Sample ID: GW-17-WG-20231025

Collection Date: 10/25/2023 16:45

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/01/2023 17:38	214029
Acenaphthylene	NELAP	0.000050	0.000100		ND	mg/L	1	11/01/2023 17:38	214029
Anthracene	NELAP	0.000200	0.000300		ND	mg/L	1	11/01/2023 17:38	214029
Benzo(a)anthracene	NELAP	0.000070	0.000100		ND	mg/L	1	11/01/2023 17:38	214029
Benzo(a)pyrene	NELAP	0.000110	0.000200		ND	mg/L	1	11/01/2023 17:38	214029
Benzo(b)fluoranthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/01/2023 17:38	214029
Benzo(g,h,i)perylene	NELAP	0.000120	0.000200		ND	mg/L	1	11/01/2023 17:38	214029
Benzo(k)fluoranthene	NELAP	0.000050	0.000100		ND	mg/L	1	11/01/2023 17:38	214029
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	11/01/2023 17:38	214029
Chrysene	NELAP	0.000050	0.000100		ND	mg/L	1	11/01/2023 17:38	214029
Dibenzo(a,h)anthracene	NELAP	0.000120	0.000200		ND	mg/L	1	11/01/2023 17:38	214029
Di-n-butyl phthalate	NELAP	0.000830	0.0100		ND	mg/L	1	11/01/2023 17:38	214029
Fluoranthene	NELAP	0.000270	0.000300		ND	mg/L	1	11/01/2023 17:38	214029
Fluorene	NELAP	0.000080	0.000200	B	ND	mg/L	1	11/01/2023 17:38	214029
Indeno(1,2,3-cd)pyrene	NELAP	0.000160	0.000200		ND	mg/L	1	11/01/2023 17:38	214029
m,p-Cresol	NELAP	0.000590	0.0100		ND	mg/L	1	11/01/2023 17:38	214029
Naphthalene	NELAP	0.000340	0.000400		ND	mg/L	1	11/01/2023 17:38	214029
o-Cresol	NELAP	0.000540	0.0100		ND	mg/L	1	11/01/2023 17:38	214029
Phenanthrene	NELAP	0.000530	0.000600		ND	mg/L	1	11/01/2023 17:38	214029
Pyrene	NELAP	0.000180	0.000200		ND	mg/L	1	11/01/2023 17:38	214029
Surr: 2,4,6-Tribromophenol	*	0	10-179		137.5	%REC	1	11/01/2023 17:38	214029
Surr: 2-Fluorobiphenyl	*	0	21.4-142		76.5	%REC	1	11/01/2023 17:38	214029
Surr: 2-Fluorophenol	*	0	10-157		89.5	%REC	1	11/01/2023 17:38	214029
Surr: Nitrobenzene-d5	*	0	15-163		80.4	%REC	1	11/01/2023 17:38	214029
Surr: Phenol-d5	*	0	10-162		75.0	%REC	1	11/01/2023 17:38	214029
Surr: p-Terphenyl-d14	*	0	10-173		99.6	%REC	1	11/01/2023 17:38	214029

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

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	10/28/2023 8:38	213960
Bromoform	NELAP	0.09	0.20		ND	µg/L	1	10/28/2023 8:38	213960
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	10/28/2023 8:38	213960
m,p-Xylenes	NELAP	0.22	1.00		ND	µg/L	1	10/28/2023 8:38	213960
Methylene chloride	NELAP	0.87	2.00		ND	µg/L	1	10/28/2023 8:38	213960
Naphthalene	NELAP	0.57	2.00		ND	µg/L	1	10/28/2023 8:38	213960
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	10/28/2023 8:38	213960
Toluene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 8:38	213960
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 8:38	213960
Xylenes, Total	NELAP	0.28	2.00		ND	µg/L	1	10/28/2023 8:38	213960
Surr: 1,2-Dichloroethane-d4	*	0	80-120		97.3	%REC	1	10/28/2023 8:38	213960
Surr: 4-Bromofluorobenzene	*	0	80-120		92.1	%REC	1	10/28/2023 8:38	213960
Surr: Dibromofluoromethane	*	0	80-120		105.2	%REC	1	10/28/2023 8:38	213960
Surr: Toluene-d8	*	0	80-120		95.1	%REC	1	10/28/2023 8:38	213960

Client: ERM
 Client Project: Ameren Taylorville 4th Qtr 2023
 Lab ID: 23102244-009
 Matrix: GROUNDWATER

Work Order: 23102244
 Report Date: 10-Nov-23

Client Sample ID: GW-18S-WG-20231026

Collection Date: 10/26/2023 12:35

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 16:09	214029
Acenaphthylene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 16:09	214029
Anthracene	NELAP	0.000200	0.000300		ND	mg/L	1	11/02/2023 16:09	214029
Benzo(a)anthracene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 16:09	214029
Benzo(a)pyrene	NELAP	0.000110	0.000200		ND	mg/L	1	11/02/2023 16:09	214029
Benzo(b)fluoranthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 16:09	214029
Benzo(g,h,i)perylene	NELAP	0.000120	0.000200		ND	mg/L	1	11/02/2023 16:09	214029
Benzo(k)fluoranthene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 16:09	214029
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	11/02/2023 16:09	214029
Chrysene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 16:09	214029
Dibenzo(a,h)anthracene	NELAP	0.000120	0.000200		ND	mg/L	1	11/02/2023 16:09	214029
Di-n-butyl phthalate	NELAP	0.000830	0.0100		ND	mg/L	1	11/02/2023 16:09	214029
Fluoranthene	NELAP	0.000270	0.000300		ND	mg/L	1	11/02/2023 16:09	214029
Fluorene	NELAP	0.000080	0.000200	B	ND	mg/L	1	11/02/2023 16:09	214029
Indeno(1,2,3-cd)pyrene	NELAP	0.000160	0.000200		ND	mg/L	1	11/02/2023 16:09	214029
m,p-Cresol	NELAP	0.000590	0.0100		ND	mg/L	1	11/02/2023 16:09	214029
Naphthalene	NELAP	0.000340	0.000400		ND	mg/L	1	11/02/2023 16:09	214029
o-Cresol	NELAP	0.000540	0.0100		ND	mg/L	1	11/02/2023 16:09	214029
Phenanthrene	NELAP	0.000530	0.000600		ND	mg/L	1	11/02/2023 16:09	214029
Pyrene	NELAP	0.000180	0.000200		ND	mg/L	1	11/02/2023 16:09	214029
Surr: 2,4,6-Tribromophenol	*	0	10-179		92.5	%REC	1	11/02/2023 16:09	214029
Surr: 2-Fluorobiphenyl	*	0	21.4-142		67.0	%REC	1	11/02/2023 16:09	214029
Surr: 2-Fluorophenol	*	0	10-157		76.0	%REC	1	11/02/2023 16:09	214029
Surr: Nitrobenzene-d5	*	0	15-163		75.5	%REC	1	11/02/2023 16:09	214029
Surr: Phenol-d5	*	0	10-162		59.9	%REC	1	11/02/2023 16:09	214029
Surr: p-Terphenyl-d14	*	0	10-173		88.0	%REC	1	11/02/2023 16:09	214029
Contamination present in the MBLK for Fluorene. Sample results below the reporting limit are reportable per the TNI Standard.									
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	10/28/2023 6:20	213939
Bromoform	NELAP	0.09	0.20		ND	µg/L	1	10/28/2023 6:20	213939
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	10/28/2023 6:20	213939
m,p-Xylenes	NELAP	0.22	1.00		ND	µg/L	1	10/28/2023 6:20	213939
Methylene chloride	NELAP	0.87	2.00		ND	µg/L	1	10/28/2023 6:20	213939
Naphthalene	NELAP	0.57	2.00		ND	µg/L	1	10/28/2023 6:20	213939
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	10/28/2023 6:20	213939
Toluene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 6:20	213939
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 6:20	213939
Xylenes, Total	NELAP	0.28	2.00		ND	µg/L	1	10/28/2023 6:20	213939
Surr: 1,2-Dichloroethane-d4	*	0	80-120		109.2	%REC	1	10/28/2023 6:20	213939
Surr: 4-Bromofluorobenzene	*	0	80-120		108.1	%REC	1	10/28/2023 6:20	213939
Surr: Dibromofluoromethane	*	0	80-120		100.5	%REC	1	10/28/2023 6:20	213939
Surr: Toluene-d8	*	0	80-120		102.4	%REC	1	10/28/2023 6:20	213939

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

Lab ID: 23102244-010

Client Sample ID: GW-18D-WG-20231026

Matrix: GROUNDWATER

Collection Date: 10/26/2023 12:05

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 16:49	214029
Acenaphthylene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 16:49	214029
Anthracene	NELAP	0.000200	0.000300		ND	mg/L	1	11/02/2023 16:49	214029
Benzo(a)anthracene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 16:49	214029
Benzo(a)pyrene	NELAP	0.000110	0.000200		ND	mg/L	1	11/02/2023 16:49	214029
Benzo(b)fluoranthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 16:49	214029
Benzo(g,h,i)perylene	NELAP	0.000120	0.000200		ND	mg/L	1	11/02/2023 16:49	214029
Benzo(k)fluoranthene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 16:49	214029
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	11/02/2023 16:49	214029
Chrysene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 16:49	214029
Dibenzo(a,h)anthracene	NELAP	0.000120	0.000200		ND	mg/L	1	11/02/2023 16:49	214029
Di-n-butyl phthalate	NELAP	0.000830	0.0100		ND	mg/L	1	11/02/2023 16:49	214029
Fluoranthene	NELAP	0.000270	0.000300		ND	mg/L	1	11/02/2023 16:49	214029
Fluorene	NELAP	0.000080	0.000200	B	ND	mg/L	1	11/02/2023 16:49	214029
Indeno(1,2,3-cd)pyrene	NELAP	0.000160	0.000200		ND	mg/L	1	11/02/2023 16:49	214029
m,p-Cresol	NELAP	0.000590	0.0100		ND	mg/L	1	11/02/2023 16:49	214029
Naphthalene	NELAP	0.000340	0.000400		ND	mg/L	1	11/02/2023 16:49	214029
o-Cresol	NELAP	0.000540	0.0100		ND	mg/L	1	11/02/2023 16:49	214029
Phenanthrene	NELAP	0.000530	0.000600		ND	mg/L	1	11/02/2023 16:49	214029
Pyrene	NELAP	0.000180	0.000200		ND	mg/L	1	11/02/2023 16:49	214029
Surr: 2,4,6-Tribromophenol	*	0	10-179		91.8	%REC	1	11/02/2023 16:49	214029
Surr: 2-Fluorobiphenyl	*	0	21.4-142		74.8	%REC	1	11/02/2023 16:49	214029
Surr: 2-Fluorophenol	*	0	10-157		78.8	%REC	1	11/02/2023 16:49	214029
Surr: Nitrobenzene-d5	*	0	15-163		78.6	%REC	1	11/02/2023 16:49	214029
Surr: Phenol-d5	*	0	10-162		66.1	%REC	1	11/02/2023 16:49	214029
Surr: p-Terphenyl-d14	*	0	10-173		78.9	%REC	1	11/02/2023 16:49	214029
Contamination present in the MBLK for Fluorene. Sample results below the reporting limit are reportable per the TNI Standard.									
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	10/28/2023 6:45	213939
Bromoform	NELAP	0.09	0.20		ND	µg/L	1	10/28/2023 6:45	213939
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	10/28/2023 6:45	213939
m,p-Xylenes	NELAP	0.22	1.00		ND	µg/L	1	10/28/2023 6:45	213939
Methylene chloride	NELAP	0.87	2.00		ND	µg/L	1	10/28/2023 6:45	213939
Naphthalene	NELAP	0.57	2.00		ND	µg/L	1	10/28/2023 6:45	213939
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	10/28/2023 6:45	213939
Toluene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 6:45	213939
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 6:45	213939
Xylenes, Total	NELAP	0.28	2.00		ND	µg/L	1	10/28/2023 6:45	213939
Surr: 1,2-Dichloroethane-d4	*	0	80-120		108.2	%REC	1	10/28/2023 6:45	213939
Surr: 4-Bromofluorobenzene	*	0	80-120		105.7	%REC	1	10/28/2023 6:45	213939
Surr: Dibromofluoromethane	*	0	80-120		101.0	%REC	1	10/28/2023 6:45	213939
Surr: Toluene-d8	*	0	80-120		100.5	%REC	1	10/28/2023 6:45	213939

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

Lab ID: 23102244-011

Client Sample ID: GW-19S-WG-20231026

Matrix: GROUNDWATER

Collection Date: 10/26/2023 10:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 17:28	214029
Acenaphthylene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 17:28	214029
Anthracene	NELAP	0.000200	0.000300		ND	mg/L	1	11/02/2023 17:28	214029
Benzo(a)anthracene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 17:28	214029
Benzo(a)pyrene	NELAP	0.000110	0.000200		ND	mg/L	1	11/02/2023 17:28	214029
Benzo(b)fluoranthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 17:28	214029
Benzo(g,h,i)perylene	NELAP	0.000120	0.000200		ND	mg/L	1	11/02/2023 17:28	214029
Benzo(k)fluoranthene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 17:28	214029
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	11/02/2023 17:28	214029
Chrysene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 17:28	214029
Dibenzo(a,h)anthracene	NELAP	0.000120	0.000200		ND	mg/L	1	11/02/2023 17:28	214029
Di-n-butyl phthalate	NELAP	0.000830	0.0100		ND	mg/L	1	11/02/2023 17:28	214029
Fluoranthene	NELAP	0.000270	0.000300		ND	mg/L	1	11/02/2023 17:28	214029
Fluorene	NELAP	0.000080	0.000200	B	ND	mg/L	1	11/02/2023 17:28	214029
Indeno(1,2,3-cd)pyrene	NELAP	0.000160	0.000200		ND	mg/L	1	11/02/2023 17:28	214029
m,p-Cresol	NELAP	0.000590	0.0100		ND	mg/L	1	11/02/2023 17:28	214029
Naphthalene	NELAP	0.000340	0.000400		ND	mg/L	1	11/02/2023 17:28	214029
o-Cresol	NELAP	0.000540	0.0100		ND	mg/L	1	11/02/2023 17:28	214029
Phenanthrene	NELAP	0.000530	0.000600		ND	mg/L	1	11/02/2023 17:28	214029
Pyrene	NELAP	0.000180	0.000200		ND	mg/L	1	11/02/2023 17:28	214029
Surr: 2,4,6-Tribromophenol	*	0	10-179		88.6	%REC	1	11/02/2023 17:28	214029
Surr: 2-Fluorobiphenyl	*	0	21.4-142		71.0	%REC	1	11/02/2023 17:28	214029
Surr: 2-Fluorophenol	*	0	10-157		68.3	%REC	1	11/02/2023 17:28	214029
Surr: Nitrobenzene-d5	*	0	15-163		73.6	%REC	1	11/02/2023 17:28	214029
Surr: Phenol-d5	*	0	10-162		58.3	%REC	1	11/02/2023 17:28	214029
Surr: p-Terphenyl-d14	*	0	10-173		69.3	%REC	1	11/02/2023 17:28	214029
Contamination present in the MBLK for Fluorene. Sample results below the reporting limit are reportable per the TNI Standard.									
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	10/28/2023 7:11	213939
Bromoform	NELAP	0.09	0.20		ND	µg/L	1	10/28/2023 7:11	213939
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	10/28/2023 7:11	213939
m,p-Xylenes	NELAP	0.22	1.00		ND	µg/L	1	10/28/2023 7:11	213939
Methylene chloride	NELAP	0.87	2.00		ND	µg/L	1	10/28/2023 7:11	213939
Naphthalene	NELAP	0.57	2.00		ND	µg/L	1	10/28/2023 7:11	213939
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	10/28/2023 7:11	213939
Toluene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 7:11	213939
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 7:11	213939
Xylenes, Total	NELAP	0.28	2.00		ND	µg/L	1	10/28/2023 7:11	213939
Surr: 1,2-Dichloroethane-d4	*	0	80-120		111.5	%REC	1	10/28/2023 7:11	213939
Surr: 4-Bromofluorobenzene	*	0	80-120		106.2	%REC	1	10/28/2023 7:11	213939
Surr: Dibromofluoromethane	*	0	80-120		101.1	%REC	1	10/28/2023 7:11	213939
Surr: Toluene-d8	*	0	80-120		102.4	%REC	1	10/28/2023 7:11	213939

Client: ERM
 Client Project: Ameren Taylorville 4th Qtr 2023
 Lab ID: 23102244-012
 Matrix: GROUNDWATER

Work Order: 23102244
 Report Date: 10-Nov-23

Client Sample ID: GW-19D-WG-20231026

Collection Date: 10/26/2023 9:15

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 18:08	214029
Acenaphthylene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 18:08	214029
Anthracene	NELAP	0.000200	0.000300		ND	mg/L	1	11/02/2023 18:08	214029
Benzo(a)anthracene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 18:08	214029
Benzo(a)pyrene	NELAP	0.000110	0.000200		ND	mg/L	1	11/02/2023 18:08	214029
Benzo(b)fluoranthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 18:08	214029
Benzo(g,h,i)perylene	NELAP	0.000120	0.000200		ND	mg/L	1	11/02/2023 18:08	214029
Benzo(k)fluoranthene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 18:08	214029
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	11/02/2023 18:08	214029
Chrysene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 18:08	214029
Dibenzo(a,h)anthracene	NELAP	0.000120	0.000200		ND	mg/L	1	11/02/2023 18:08	214029
Di-n-butyl phthalate	NELAP	0.000830	0.0100		ND	mg/L	1	11/02/2023 18:08	214029
Fluoranthene	NELAP	0.000270	0.000300		ND	mg/L	1	11/02/2023 18:08	214029
Fluorene	NELAP	0.000080	0.000200	B	ND	mg/L	1	11/02/2023 18:08	214029
Indeno(1,2,3-cd)pyrene	NELAP	0.000160	0.000200		ND	mg/L	1	11/02/2023 18:08	214029
m,p-Cresol	NELAP	0.000590	0.0100		ND	mg/L	1	11/02/2023 18:08	214029
Naphthalene	NELAP	0.000340	0.000400		ND	mg/L	1	11/02/2023 18:08	214029
o-Cresol	NELAP	0.000540	0.0100		ND	mg/L	1	11/02/2023 18:08	214029
Phenanthrene	NELAP	0.000530	0.000600		ND	mg/L	1	11/02/2023 18:08	214029
Pyrene	NELAP	0.000180	0.000200		ND	mg/L	1	11/02/2023 18:08	214029
Surr: 2,4,6-Tribromophenol	*	0	10-179		101.8	%REC	1	11/02/2023 18:08	214029
Surr: 2-Fluorobiphenyl	*	0	21.4-142		78.9	%REC	1	11/02/2023 18:08	214029
Surr: 2-Fluorophenol	*	0	10-157		78.1	%REC	1	11/02/2023 18:08	214029
Surr: Nitrobenzene-d5	*	0	15-163		82.7	%REC	1	11/02/2023 18:08	214029
Surr: Phenol-d5	*	0	10-162		59.5	%REC	1	11/02/2023 18:08	214029
Surr: p-Terphenyl-d14	*	0	10-173		89.2	%REC	1	11/02/2023 18:08	214029
Contamination present in the MBLK for Fluorene. Sample results below the reporting limit are reportable per the TNI Standard.									
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	11/01/2023 15:28	214133
Bromoform	NELAP	0.09	0.20		ND	µg/L	1	11/01/2023 15:28	214133
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	11/01/2023 15:28	214133
m,p-Xylenes	NELAP	0.22	1.00		ND	µg/L	1	11/01/2023 15:28	214133
Methylene chloride	NELAP	0.87	2.00		ND	µg/L	1	11/01/2023 15:28	214133
Naphthalene	NELAP	0.57	2.00		ND	µg/L	1	11/01/2023 15:28	214133
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	11/01/2023 15:28	214133
Toluene	NELAP	0.10	2.00		ND	µg/L	1	11/01/2023 15:28	214133
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	11/01/2023 15:28	214133
Xylenes, Total	NELAP	0.28	2.00		ND	µg/L	1	11/01/2023 15:28	214133
Surr: 1,2-Dichloroethane-d4	*	0	80-120		92.9	%REC	1	11/01/2023 15:28	214133
Surr: 4-Bromofluorobenzene	*	0	80-120		89.9	%REC	1	11/01/2023 15:28	214133
Surr: Dibromofluoromethane	*	0	80-120		104.3	%REC	1	11/01/2023 15:28	214133
Surr: Toluene-d8	*	0	80-120		93.5	%REC	1	11/01/2023 15:28	214133

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

Lab ID: 23102244-013

Client Sample ID: GW-20-WG-20231026

Matrix: GROUNDWATER

Collection Date: 10/26/2023 7:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 19:30	214029
Acenaphthylene	NELAP	0.000050	0.000100		0.000198	mg/L	1	11/02/2023 19:30	214029
Anthracene	NELAP	0.000200	0.000300		ND	mg/L	1	11/02/2023 19:30	214029
Benzo(a)anthracene	NELAP	0.000070	0.000100		0.000314	mg/L	1	11/02/2023 19:30	214029
Benzo(a)pyrene	NELAP	0.000110	0.000200		0.00111	mg/L	1	11/02/2023 19:30	214029
Benzo(b)fluoranthene	NELAP	0.000070	0.000100		0.000961	mg/L	1	11/02/2023 19:30	214029
Benzo(g,h,i)perylene	NELAP	0.000120	0.000200		0.00112	mg/L	1	11/02/2023 19:30	214029
Benzo(k)fluoranthene	NELAP	0.000050	0.000100		0.000288	mg/L	1	11/02/2023 19:30	214029
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	11/02/2023 19:30	214029
Chrysene	NELAP	0.000050	0.000100		0.000468	mg/L	1	11/02/2023 19:30	214029
Dibenzo(a,h)anthracene	NELAP	0.00012	0.00020	J	0.00016	mg/L	1	11/02/2023 19:30	214029
Di-n-butyl phthalate	NELAP	0.000830	0.0100		ND	mg/L	1	11/02/2023 19:30	214029
Fluoranthene	NELAP	0.000270	0.000300		0.000333	mg/L	1	11/02/2023 19:30	214029
Fluorene	NELAP	0.000080	0.000200	B	ND	mg/L	1	11/02/2023 19:30	214029
Indeno(1,2,3-cd)pyrene	NELAP	0.000160	0.000200		0.000712	mg/L	1	11/02/2023 19:30	214029
m,p-Cresol	NELAP	0.000590	0.0100		ND	mg/L	1	11/02/2023 19:30	214029
Naphthalene	NELAP	0.000340	0.000400		ND	mg/L	1	11/02/2023 19:30	214029
o-Cresol	NELAP	0.000540	0.0100		ND	mg/L	1	11/02/2023 19:30	214029
Phenanthrene	NELAP	0.000530	0.000600		ND	mg/L	1	11/02/2023 19:30	214029
Pyrene	NELAP	0.000180	0.000200		0.000534	mg/L	1	11/02/2023 19:30	214029
Surr: 2,4,6-Tribromophenol	*	0	10-179		74.4	%REC	1	11/02/2023 19:30	214029
Surr: 2-Fluorobiphenyl	*	0	21.4-142		73.1	%REC	1	11/02/2023 19:30	214029
Surr: 2-Fluorophenol	*	0	10-157		70.9	%REC	1	11/02/2023 19:30	214029
Surr: Nitrobenzene-d5	*	0	15-163		78.6	%REC	1	11/02/2023 19:30	214029
Surr: Phenol-d5	*	0	10-162		61.3	%REC	1	11/02/2023 19:30	214029
Surr: p-Terphenyl-d14	*	0	10-173		95.1	%REC	1	11/02/2023 19:30	214029
Contamination present in the MBLK for Fluorene. Sample results below the reporting limit are reportable per the TNI Standard.									
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	10/27/2023 23:15	213946
Bromoform	NELAP	0.09	0.20		ND	µg/L	1	10/27/2023 23:15	213946
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	10/27/2023 23:15	213946
m,p-Xylenes	NELAP	0.22	1.00		ND	µg/L	1	10/27/2023 23:15	213946
Methylene chloride	NELAP	0.87	2.00		ND	µg/L	1	10/27/2023 23:15	213946
Naphthalene	NELAP	0.57	2.00		ND	µg/L	1	10/27/2023 23:15	213946
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	10/27/2023 23:15	213946
Toluene	NELAP	0.10	2.00		ND	µg/L	1	10/27/2023 23:15	213946
trans-1,2-Dichloroethene	NELAP	0.10	2.0	J	0.52	µg/L	1	10/27/2023 23:15	213946
Xylenes, Total	NELAP	0.28	2.00		ND	µg/L	1	10/27/2023 23:15	213946
Surr: 1,2-Dichloroethane-d4	*	0	80-120		99.6	%REC	1	10/27/2023 23:15	213946
Surr: 4-Bromofluorobenzene	*	0	80-120		100.2	%REC	1	10/27/2023 23:15	213946
Surr: Dibromofluoromethane	*	0	80-120		103.6	%REC	1	10/27/2023 23:15	213946
Surr: Toluene-d8	*	0	80-120		101.9	%REC	1	10/27/2023 23:15	213946

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

Lab ID: 23102244-014

Client Sample ID: GW-21-WG-20231027

Matrix: GROUNDWATER

Collection Date: 10/27/2023 11:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/03/2023 13:21	214142
Acenaphthylene	NELAP	0.000050	0.000100		ND	mg/L	1	11/03/2023 13:21	214142
Anthracene	NELAP	0.000200	0.000300		ND	mg/L	1	11/03/2023 13:21	214142
Benzo(a)anthracene	NELAP	0.000070	0.000100		ND	mg/L	1	11/03/2023 13:21	214142
Benzo(a)pyrene	NELAP	0.000110	0.000200		ND	mg/L	1	11/03/2023 13:21	214142
Benzo(b)fluoranthene	NELAP	0.000070	0.000100		0.000143	mg/L	1	11/03/2023 13:21	214142
Benzo(g,h,i)perylene	NELAP	0.000120	0.000200		ND	mg/L	1	11/03/2023 13:21	214142
Benzo(k)fluoranthene	NELAP	0.000050	0.00010	J	0.000056	mg/L	1	11/03/2023 13:21	214142
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		0.00222	mg/L	1	11/03/2023 13:21	214142
Chrysene	NELAP	0.000050	0.00010	J	0.000089	mg/L	1	11/03/2023 13:21	214142
Dibenzo(a,h)anthracene	NELAP	0.000120	0.000200		ND	mg/L	1	11/03/2023 13:21	214142
Di-n-butyl phthalate	NELAP	0.000830	0.0100		ND	mg/L	1	11/03/2023 13:21	214142
Fluoranthene	NELAP	0.000270	0.000300		ND	mg/L	1	11/03/2023 13:21	214142
Fluorene	NELAP	0.000080	0.000200		ND	mg/L	1	11/03/2023 13:21	214142
Indeno(1,2,3-cd)pyrene	NELAP	0.000160	0.000200		ND	mg/L	1	11/03/2023 13:21	214142
m,p-Cresol	NELAP	0.000590	0.0100		ND	mg/L	1	11/03/2023 13:21	214142
Naphthalene	NELAP	0.000340	0.000400		ND	mg/L	1	11/03/2023 13:21	214142
o-Cresol	NELAP	0.000540	0.0100		ND	mg/L	1	11/03/2023 13:21	214142
Phenanthrene	NELAP	0.000530	0.000600		ND	mg/L	1	11/03/2023 13:21	214142
Pyrene	NELAP	0.000180	0.000200		ND	mg/L	1	11/03/2023 13:21	214142
Surr: 2,4,6-Tribromophenol	*	0	10-179		105.8	%REC	1	11/03/2023 13:21	214142
Surr: 2-Fluorobiphenyl	*	0	21.4-142		77.4	%REC	1	11/03/2023 13:21	214142
Surr: 2-Fluorophenol	*	0	10-157		87.9	%REC	1	11/03/2023 13:21	214142
Surr: Nitrobenzene-d5	*	0	15-163		89.0	%REC	1	11/03/2023 13:21	214142
Surr: Phenol-d5	*	0	10-162		74.9	%REC	1	11/03/2023 13:21	214142
Surr: p-Terphenyl-d14	*	0	10-173		90.7	%REC	1	11/03/2023 13:21	214142
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	10/27/2023 23:41	213946
Bromoform	NELAP	0.09	0.20		ND	µg/L	1	10/27/2023 23:41	213946
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	10/27/2023 23:41	213946
m,p-Xylenes	NELAP	0.22	1.00		ND	µg/L	1	10/27/2023 23:41	213946
Methylene chloride	NELAP	0.87	2.00		ND	µg/L	1	10/27/2023 23:41	213946
Naphthalene	NELAP	0.57	2.00		ND	µg/L	1	10/27/2023 23:41	213946
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	10/27/2023 23:41	213946
Toluene	NELAP	0.10	2.00		ND	µg/L	1	10/27/2023 23:41	213946
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	10/27/2023 23:41	213946
Xylenes, Total	NELAP	0.28	2.00		ND	µg/L	1	10/27/2023 23:41	213946
Surr: 1,2-Dichloroethane-d4	*	0	80-120		99.4	%REC	1	10/27/2023 23:41	213946
Surr: 4-Bromofluorobenzene	*	0	80-120		100.4	%REC	1	10/27/2023 23:41	213946
Surr: Dibromofluoromethane	*	0	80-120		103.0	%REC	1	10/27/2023 23:41	213946
Surr: Toluene-d8	*	0	80-120		101.9	%REC	1	10/27/2023 23:41	213946

Client: ERM
 Client Project: Ameren Taylorville 4th Qtr 2023
 Lab ID: 23102244-015
 Matrix: GROUNDWATER

Work Order: 23102244
 Report Date: 10-Nov-23

Client Sample ID: GW-22S-WG-20231026

Collection Date: 10/26/2023 15:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 20:08	214029
Acenaphthylene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 20:08	214029
Anthracene	NELAP	0.000200	0.000300		ND	mg/L	1	11/02/2023 20:08	214029
Benzo(a)anthracene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 20:08	214029
Benzo(a)pyrene	NELAP	0.000110	0.000200		ND	mg/L	1	11/02/2023 20:08	214029
Benzo(b)fluoranthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 20:08	214029
Benzo(g,h,i)perylene	NELAP	0.000120	0.000200		ND	mg/L	1	11/02/2023 20:08	214029
Benzo(k)fluoranthene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 20:08	214029
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		0.00380	mg/L	1	11/02/2023 20:08	214029
Chrysene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 20:08	214029
Dibenzo(a,h)anthracene	NELAP	0.000120	0.000200		ND	mg/L	1	11/02/2023 20:08	214029
Di-n-butyl phthalate	NELAP	0.000830	0.0100		ND	mg/L	1	11/02/2023 20:08	214029
Fluoranthene	NELAP	0.000270	0.000300		ND	mg/L	1	11/02/2023 20:08	214029
Fluorene	NELAP	0.000080	0.000200	B	ND	mg/L	1	11/02/2023 20:08	214029
Indeno(1,2,3-cd)pyrene	NELAP	0.000160	0.000200		ND	mg/L	1	11/02/2023 20:08	214029
m,p-Cresol	NELAP	0.000590	0.0100		ND	mg/L	1	11/02/2023 20:08	214029
Naphthalene	NELAP	0.000340	0.000400		ND	mg/L	1	11/02/2023 20:08	214029
o-Cresol	NELAP	0.000540	0.0100		ND	mg/L	1	11/02/2023 20:08	214029
Phenanthrene	NELAP	0.000530	0.000600		ND	mg/L	1	11/02/2023 20:08	214029
Pyrene	NELAP	0.000180	0.000200		ND	mg/L	1	11/02/2023 20:08	214029
Surr: 2,4,6-Tribromophenol	*	0	10-179		98.1	%REC	1	11/02/2023 20:08	214029
Surr: 2-Fluorobiphenyl	*	0	21.4-142		90.8	%REC	1	11/02/2023 20:08	214029
Surr: 2-Fluorophenol	*	0	10-157		86.1	%REC	1	11/02/2023 20:08	214029
Surr: Nitrobenzene-d5	*	0	15-163		94.5	%REC	1	11/02/2023 20:08	214029
Surr: Phenol-d5	*	0	10-162		76.7	%REC	1	11/02/2023 20:08	214029
Surr: p-Terphenyl-d14	*	0	10-173		121.1	%REC	1	11/02/2023 20:08	214029
Contamination present in the MBLK for Fluorene. Sample results below the reporting limit are reportable per the TNI Standard.									
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	10/28/2023 0:06	213946
Bromoform	NELAP	0.09	0.20		ND	µg/L	1	10/28/2023 0:06	213946
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	10/28/2023 0:06	213946
m,p-Xylenes	NELAP	0.22	1.00		ND	µg/L	1	10/28/2023 0:06	213946
Methylene chloride	NELAP	0.87	2.00		ND	µg/L	1	10/28/2023 0:06	213946
Naphthalene	NELAP	0.57	2.00		ND	µg/L	1	10/28/2023 0:06	213946
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	10/28/2023 0:06	213946
Toluene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 0:06	213946
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 0:06	213946
Xylenes, Total	NELAP	0.28	2.00		ND	µg/L	1	10/28/2023 0:06	213946
Surr: 1,2-Dichloroethane-d4	*	0	80-120		100.0	%REC	1	10/28/2023 0:06	213946
Surr: 4-Bromofluorobenzene	*	0	80-120		99.8	%REC	1	10/28/2023 0:06	213946
Surr: Dibromofluoromethane	*	0	80-120		102.6	%REC	1	10/28/2023 0:06	213946
Surr: Toluene-d8	*	0	80-120		102.1	%REC	1	10/28/2023 0:06	213946

Client: ERM
 Client Project: Ameren Taylorville 4th Qtr 2023
 Lab ID: 23102244-016
 Matrix: GROUNDWATER

Work Order: 23102244
 Report Date: 10-Nov-23

Client Sample ID: GW-22D-WG-20231026

Collection Date: 10/26/2023 15:05

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 20:46	214029
Acenaphthylene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 20:46	214029
Anthracene	NELAP	0.000200	0.000300		ND	mg/L	1	11/02/2023 20:46	214029
Benzo(a)anthracene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 20:46	214029
Benzo(a)pyrene	NELAP	0.000110	0.000200		ND	mg/L	1	11/02/2023 20:46	214029
Benzo(b)fluoranthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 20:46	214029
Benzo(g,h,i)perylene	NELAP	0.000120	0.000200		ND	mg/L	1	11/02/2023 20:46	214029
Benzo(k)fluoranthene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 20:46	214029
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	11/02/2023 20:46	214029
Chrysene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 20:46	214029
Dibenzo(a,h)anthracene	NELAP	0.000120	0.000200		ND	mg/L	1	11/02/2023 20:46	214029
Di-n-butyl phthalate	NELAP	0.000830	0.0100		ND	mg/L	1	11/02/2023 20:46	214029
Fluoranthene	NELAP	0.000270	0.000300		ND	mg/L	1	11/02/2023 20:46	214029
Fluorene	NELAP	0.000080	0.000200	B	ND	mg/L	1	11/02/2023 20:46	214029
Indeno(1,2,3-cd)pyrene	NELAP	0.000160	0.000200		ND	mg/L	1	11/02/2023 20:46	214029
m,p-Cresol	NELAP	0.000590	0.0100		ND	mg/L	1	11/02/2023 20:46	214029
Naphthalene	NELAP	0.000340	0.000400		ND	mg/L	1	11/02/2023 20:46	214029
o-Cresol	NELAP	0.000540	0.0100		ND	mg/L	1	11/02/2023 20:46	214029
Phenanthrene	NELAP	0.000530	0.000600		ND	mg/L	1	11/02/2023 20:46	214029
Pyrene	NELAP	0.000180	0.000200		ND	mg/L	1	11/02/2023 20:46	214029
Surr: 2,4,6-Tribromophenol	*	0	10-179		82.9	%REC	1	11/02/2023 20:46	214029
Surr: 2-Fluorobiphenyl	*	0	21.4-142		83.8	%REC	1	11/02/2023 20:46	214029
Surr: 2-Fluorophenol	*	0	10-157		75.3	%REC	1	11/02/2023 20:46	214029
Surr: Nitrobenzene-d5	*	0	15-163		86.1	%REC	1	11/02/2023 20:46	214029
Surr: Phenol-d5	*	0	10-162		66.1	%REC	1	11/02/2023 20:46	214029
Surr: p-Terphenyl-d14	*	0	10-173		111.3	%REC	1	11/02/2023 20:46	214029
Contamination present in the MBLK for Fluorene. Sample results below the reporting limit are reportable per the TNI Standard.									
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	10/28/2023 0:32	213946
Bromoform	NELAP	0.09	0.20		ND	µg/L	1	10/28/2023 0:32	213946
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	10/28/2023 0:32	213946
m,p-Xylenes	NELAP	0.22	1.00		ND	µg/L	1	10/28/2023 0:32	213946
Methylene chloride	NELAP	0.87	2.00		ND	µg/L	1	10/28/2023 0:32	213946
Naphthalene	NELAP	0.57	2.00		ND	µg/L	1	10/28/2023 0:32	213946
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	10/28/2023 0:32	213946
Toluene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 0:32	213946
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 0:32	213946
Xylenes, Total	NELAP	0.28	2.00		ND	µg/L	1	10/28/2023 0:32	213946
Surr: 1,2-Dichloroethane-d4	*	0	80-120		100.2	%REC	1	10/28/2023 0:32	213946
Surr: 4-Bromofluorobenzene	*	0	80-120		99.7	%REC	1	10/28/2023 0:32	213946
Surr: Dibromofluoromethane	*	0	80-120		103.4	%REC	1	10/28/2023 0:32	213946
Surr: Toluene-d8	*	0	80-120		102.6	%REC	1	10/28/2023 0:32	213946

Client: ERM
 Client Project: Ameren Taylorville 4th Qtr 2023
 Lab ID: 23102244-017
 Matrix: GROUNDWATER

Work Order: 23102244
 Report Date: 10-Nov-23
 Client Sample ID: DUP-001-WG-20231026
 Collection Date: 10/26/2023 0:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 21:24	214029
Acenaphthylene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 21:24	214029
Anthracene	NELAP	0.000200	0.000300		ND	mg/L	1	11/02/2023 21:24	214029
Benzo(a)anthracene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 21:24	214029
Benzo(a)pyrene	NELAP	0.000110	0.000200		ND	mg/L	1	11/02/2023 21:24	214029
Benzo(b)fluoranthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 21:24	214029
Benzo(g,h,i)perylene	NELAP	0.000120	0.000200		ND	mg/L	1	11/02/2023 21:24	214029
Benzo(k)fluoranthene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 21:24	214029
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	11/02/2023 21:24	214029
Chrysene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 21:24	214029
Dibenzo(a,h)anthracene	NELAP	0.000120	0.000200		ND	mg/L	1	11/02/2023 21:24	214029
Di-n-butyl phthalate	NELAP	0.000830	0.0100		ND	mg/L	1	11/02/2023 21:24	214029
Fluoranthene	NELAP	0.000270	0.000300		ND	mg/L	1	11/02/2023 21:24	214029
Fluorene	NELAP	0.000080	0.000200	B	ND	mg/L	1	11/02/2023 21:24	214029
Indeno(1,2,3-cd)pyrene	NELAP	0.000160	0.000200		ND	mg/L	1	11/02/2023 21:24	214029
m,p-Cresol	NELAP	0.000590	0.0100		ND	mg/L	1	11/02/2023 21:24	214029
Naphthalene	NELAP	0.000340	0.000400		ND	mg/L	1	11/02/2023 21:24	214029
o-Cresol	NELAP	0.000540	0.0100		ND	mg/L	1	11/02/2023 21:24	214029
Phenanthrene	NELAP	0.000530	0.000600		ND	mg/L	1	11/02/2023 21:24	214029
Pyrene	NELAP	0.000180	0.000200		ND	mg/L	1	11/02/2023 21:24	214029
Surr: 2,4,6-Tribromophenol	*	0	10-179		88.6	%REC	1	11/02/2023 21:24	214029
Surr: 2-Fluorobiphenyl	*	0	21.4-142		87.3	%REC	1	11/02/2023 21:24	214029
Surr: 2-Fluorophenol	*	0	10-157		83.0	%REC	1	11/02/2023 21:24	214029
Surr: Nitrobenzene-d5	*	0	15-163		90.7	%REC	1	11/02/2023 21:24	214029
Surr: Phenol-d5	*	0	10-162		75.3	%REC	1	11/02/2023 21:24	214029
Surr: p-Terphenyl-d14	*	0	10-173		116.0	%REC	1	11/02/2023 21:24	214029
Contamination present in the MBLK for Fluorene. Sample results below the reporting limit are reportable per the TNI Standard.									
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	10/28/2023 0:57	213946
Bromoform	NELAP	0.09	0.20		ND	µg/L	1	10/28/2023 0:57	213946
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	10/28/2023 0:57	213946
m,p-Xylenes	NELAP	0.22	1.00		ND	µg/L	1	10/28/2023 0:57	213946
Methylene chloride	NELAP	0.87	2.00		ND	µg/L	1	10/28/2023 0:57	213946
Naphthalene	NELAP	0.57	2.00		ND	µg/L	1	10/28/2023 0:57	213946
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	10/28/2023 0:57	213946
Toluene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 0:57	213946
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 0:57	213946
Xylenes, Total	NELAP	0.28	2.00		ND	µg/L	1	10/28/2023 0:57	213946
Surr: 1,2-Dichloroethane-d4	*	0	80-120		99.3	%REC	1	10/28/2023 0:57	213946
Surr: 4-Bromofluorobenzene	*	0	80-120		99.3	%REC	1	10/28/2023 0:57	213946
Surr: Dibromofluoromethane	*	0	80-120		102.7	%REC	1	10/28/2023 0:57	213946
Surr: Toluene-d8	*	0	80-120		102.6	%REC	1	10/28/2023 0:57	213946

Client: ERM
 Client Project: Ameren Taylorville 4th Qtr 2023
 Lab ID: 23102244-018
 Matrix: GROUNDWATER

Work Order: 23102244
 Report Date: 10-Nov-23
 Client Sample ID: FB-001-WQ-20231026
 Collection Date: 10/26/2023 7:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 22:02	214029
Acenaphthylene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 22:02	214029
Anthracene	NELAP	0.000200	0.000300		ND	mg/L	1	11/02/2023 22:02	214029
Benzo(a)anthracene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 22:02	214029
Benzo(a)pyrene	NELAP	0.000110	0.000200		ND	mg/L	1	11/02/2023 22:02	214029
Benzo(b)fluoranthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 22:02	214029
Benzo(g,h,i)perylene	NELAP	0.000120	0.000200		ND	mg/L	1	11/02/2023 22:02	214029
Benzo(k)fluoranthene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 22:02	214029
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	11/02/2023 22:02	214029
Chrysene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 22:02	214029
Dibenzo(a,h)anthracene	NELAP	0.000120	0.000200		ND	mg/L	1	11/02/2023 22:02	214029
Di-n-butyl phthalate	NELAP	0.000830	0.0100		ND	mg/L	1	11/02/2023 22:02	214029
Fluoranthene	NELAP	0.000270	0.000300		ND	mg/L	1	11/02/2023 22:02	214029
Fluorene	NELAP	0.000080	0.000200	B	ND	mg/L	1	11/02/2023 22:02	214029
Indeno(1,2,3-cd)pyrene	NELAP	0.000160	0.000200		ND	mg/L	1	11/02/2023 22:02	214029
m,p-Cresol	NELAP	0.000590	0.0100		ND	mg/L	1	11/02/2023 22:02	214029
Naphthalene	NELAP	0.000340	0.000400		ND	mg/L	1	11/02/2023 22:02	214029
o-Cresol	NELAP	0.000540	0.0100		ND	mg/L	1	11/02/2023 22:02	214029
Phenanthrene	NELAP	0.000530	0.000600		ND	mg/L	1	11/02/2023 22:02	214029
Pyrene	NELAP	0.000180	0.000200		ND	mg/L	1	11/02/2023 22:02	214029
Surr: 2,4,6-Tribromophenol	*	0	10-179		84.5	%REC	1	11/02/2023 22:02	214029
Surr: 2-Fluorobiphenyl	*	0	21.4-142		84.3	%REC	1	11/02/2023 22:02	214029
Surr: 2-Fluorophenol	*	0	10-157		74.8	%REC	1	11/02/2023 22:02	214029
Surr: Nitrobenzene-d5	*	0	15-163		87.0	%REC	1	11/02/2023 22:02	214029
Surr: Phenol-d5	*	0	10-162		64.6	%REC	1	11/02/2023 22:02	214029
Surr: p-Terphenyl-d14	*	0	10-173		112.5	%REC	1	11/02/2023 22:02	214029

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

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	10/27/2023 21:07	213946
Bromoform	NELAP	0.09	0.20		ND	µg/L	1	10/27/2023 21:07	213946
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	10/27/2023 21:07	213946
m,p-Xylenes	NELAP	0.22	1.00		ND	µg/L	1	10/27/2023 21:07	213946
Methylene chloride	NELAP	0.87	2.00		ND	µg/L	1	10/27/2023 21:07	213946
Naphthalene	NELAP	0.57	2.00		ND	µg/L	1	10/27/2023 21:07	213946
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	10/27/2023 21:07	213946
Toluene	NELAP	0.10	2.00		ND	µg/L	1	10/27/2023 21:07	213946
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	10/27/2023 21:07	213946
Xylenes, Total	NELAP	0.28	2.00		ND	µg/L	1	10/27/2023 21:07	213946
Surr: 1,2-Dichloroethane-d4	*	0	80-120		100.2	%REC	1	10/27/2023 21:07	213946
Surr: 4-Bromofluorobenzene	*	0	80-120		100.4	%REC	1	10/27/2023 21:07	213946
Surr: Dibromofluoromethane	*	0	80-120		103.5	%REC	1	10/27/2023 21:07	213946
Surr: Toluene-d8	*	0	80-120		103.1	%REC	1	10/27/2023 21:07	213946

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

Lab ID: 23102244-019

Client Sample ID: TB-001-WQ-20231025

Matrix: TRIP BLANK

Collection Date: 10/25/2023 8:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	10/27/2023 21:32	213946
Bromoform	NELAP	0.09	0.20		ND	µg/L	1	10/27/2023 21:32	213946
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	10/27/2023 21:32	213946
m,p-Xylenes	NELAP	0.22	1.00		ND	µg/L	1	10/27/2023 21:32	213946
Methylene chloride	NELAP	0.87	2.00		ND	µg/L	1	10/27/2023 21:32	213946
Naphthalene	NELAP	0.57	2.00		ND	µg/L	1	10/27/2023 21:32	213946
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	10/27/2023 21:32	213946
Toluene	NELAP	0.10	2.00		ND	µg/L	1	10/27/2023 21:32	213946
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	10/27/2023 21:32	213946
Xylenes, Total	NELAP	0.28	2.00		ND	µg/L	1	10/27/2023 21:32	213946
Surr: 1,2-Dichloroethane-d4	*	0	80-120		100.1	%REC	1	10/27/2023 21:32	213946
Surr: 4-Bromofluorobenzene	*	0	80-120		100.1	%REC	1	10/27/2023 21:32	213946
Surr: Dibromofluoromethane	*	0	80-120		102.2	%REC	1	10/27/2023 21:32	213946
Surr: Toluene-d8	*	0	80-120		103.6	%REC	1	10/27/2023 21:32	213946

Client: ERM
 Client Project: Ameren Taylorville 4th Qtr 2023
 Lab ID: 23102244-020
 Matrix: GROUNDWATER

Work Order: 23102244
 Report Date: 10-Nov-23
 Client Sample ID: FB-002-WQ-20231027
 Collection Date: 10/27/2023 10:25

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/03/2023 13:59	214142
Acenaphthylene	NELAP	0.000050	0.000100		ND	mg/L	1	11/03/2023 13:59	214142
Anthracene	NELAP	0.000200	0.000300		ND	mg/L	1	11/03/2023 13:59	214142
Benzo(a)anthracene	NELAP	0.000070	0.000100		ND	mg/L	1	11/03/2023 13:59	214142
Benzo(a)pyrene	NELAP	0.000110	0.000200		ND	mg/L	1	11/03/2023 13:59	214142
Benzo(b)fluoranthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/03/2023 13:59	214142
Benzo(g,h,i)perylene	NELAP	0.000120	0.000200		ND	mg/L	1	11/03/2023 13:59	214142
Benzo(k)fluoranthene	NELAP	0.000050	0.000100		ND	mg/L	1	11/03/2023 13:59	214142
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	11/03/2023 13:59	214142
Chrysene	NELAP	0.000050	0.000100		ND	mg/L	1	11/03/2023 13:59	214142
Dibenzo(a,h)anthracene	NELAP	0.000120	0.000200		ND	mg/L	1	11/03/2023 13:59	214142
Di-n-butyl phthalate	NELAP	0.000830	0.0100		ND	mg/L	1	11/03/2023 13:59	214142
Fluoranthene	NELAP	0.000270	0.000300		ND	mg/L	1	11/03/2023 13:59	214142
Fluorene	NELAP	0.000080	0.000200		ND	mg/L	1	11/03/2023 13:59	214142
Indeno(1,2,3-cd)pyrene	NELAP	0.000160	0.000200		ND	mg/L	1	11/03/2023 13:59	214142
m,p-Cresol	NELAP	0.000590	0.0100		ND	mg/L	1	11/03/2023 13:59	214142
Naphthalene	NELAP	0.000340	0.000400		ND	mg/L	1	11/03/2023 13:59	214142
o-Cresol	NELAP	0.000540	0.0100		ND	mg/L	1	11/03/2023 13:59	214142
Phenanthrene	NELAP	0.000530	0.000600		ND	mg/L	1	11/03/2023 13:59	214142
Pyrene	NELAP	0.000180	0.000200		ND	mg/L	1	11/03/2023 13:59	214142
Surr: 2,4,6-Tribromophenol	*	0	10-179		109.2	%REC	1	11/03/2023 13:59	214142
Surr: 2-Fluorobiphenyl	*	0	21.4-142		73.7	%REC	1	11/03/2023 13:59	214142
Surr: 2-Fluorophenol	*	0	10-157		73.5	%REC	1	11/03/2023 13:59	214142
Surr: Nitrobenzene-d5	*	0	15-163		72.8	%REC	1	11/03/2023 13:59	214142
Surr: Phenol-d5	*	0	10-162		60.7	%REC	1	11/03/2023 13:59	214142
Surr: p-Terphenyl-d14	*	0	10-173		83.7	%REC	1	11/03/2023 13:59	214142
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	10/28/2023 1:22	213946
Bromoform	NELAP	0.09	0.20		ND	µg/L	1	10/28/2023 1:22	213946
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	10/28/2023 1:22	213946
m,p-Xylenes	NELAP	0.22	1.00		ND	µg/L	1	10/28/2023 1:22	213946
Methylene chloride	NELAP	0.87	2.00		ND	µg/L	1	10/28/2023 1:22	213946
Naphthalene	NELAP	0.57	2.00		ND	µg/L	1	10/28/2023 1:22	213946
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	10/28/2023 1:22	213946
Toluene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 1:22	213946
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 1:22	213946
Xylenes, Total	NELAP	0.28	2.00		ND	µg/L	1	10/28/2023 1:22	213946
Surr: 1,2-Dichloroethane-d4	*	0	80-120		99.2	%REC	1	10/28/2023 1:22	213946
Surr: 4-Bromofluorobenzene	*	0	80-120		99.2	%REC	1	10/28/2023 1:22	213946
Surr: Dibromofluoromethane	*	0	80-120		102.3	%REC	1	10/28/2023 1:22	213946
Surr: Toluene-d8	*	0	80-120		103.2	%REC	1	10/28/2023 1:22	213946

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

Lab ID: 23102244-021

Client Sample ID: DUP-002-WG-20231027

Matrix: GROUNDWATER

Collection Date: 10/27/2023 0:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.00350	0.00500		0.0373	mg/L	50	11/06/2023 9:52	214142
Acenaphthylene	NELAP	0.000050	0.000100		0.00183	mg/L	1	11/03/2023 14:38	214142
Anthracene	NELAP	0.000200	0.000300		0.00135	mg/L	1	11/03/2023 14:38	214142
Benzo(a)anthracene	NELAP	0.000070	0.000100		0.000620	mg/L	1	11/03/2023 14:38	214142
Benzo(a)pyrene	NELAP	0.000110	0.000200		ND	mg/L	1	11/03/2023 14:38	214142
Benzo(b)fluoranthene	NELAP	0.000070	0.000100		0.000591	mg/L	1	11/03/2023 14:38	214142
Benzo(g,h,i)perylene	NELAP	0.000120	0.000200		ND	mg/L	1	11/03/2023 14:38	214142
Benzo(k)fluoranthene	NELAP	0.000050	0.000100		0.000139	mg/L	1	11/03/2023 14:38	214142
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	11/03/2023 14:38	214142
Chrysene	NELAP	0.000050	0.000100		0.00233	mg/L	1	11/03/2023 14:38	214142
Dibenzo(a,h)anthracene	NELAP	0.000120	0.000200		ND	mg/L	1	11/03/2023 14:38	214142
Di-n-butyl phthalate	NELAP	0.000830	0.0100		ND	mg/L	1	11/03/2023 14:38	214142
Fluoranthene	NELAP	0.0135	0.0150		ND	mg/L	50	11/06/2023 9:52	214142
Fluorene	NELAP	0.00400	0.0100		0.0802	mg/L	50	11/06/2023 9:52	214142
Indeno(1,2,3-cd)pyrene	NELAP	0.000160	0.000200		ND	mg/L	1	11/03/2023 14:38	214142
m,p-Cresol	NELAP	0.00059	0.010	J	0.0010	mg/L	1	11/03/2023 14:38	214142
Naphthalene	NELAP	0.0340	0.0400		0.414	mg/L	100	11/06/2023 13:40	214142
o-Cresol	NELAP	0.00054	0.010	J	0.0010	mg/L	1	11/03/2023 14:38	214142
Phenanthrene	NELAP	0.0265	0.0300		0.0915	mg/L	50	11/06/2023 9:52	214142
Pyrene	NELAP	0.000180	0.000200		0.00465	mg/L	1	11/03/2023 14:38	214142
Surr: 2,4,6-Tribromophenol	*	0	10-179		115.9	%REC	1	11/03/2023 14:38	214142
Surr: 2-Fluorobiphenyl	*	0	21.4-142		88.3	%REC	1	11/03/2023 14:38	214142
Surr: 2-Fluorophenol	*	0	10-157		91.1	%REC	1	11/03/2023 14:38	214142
Surr: Nitrobenzene-d5	*	0	15-163		98.7	%REC	1	11/03/2023 14:38	214142
Surr: Phenol-d5	*	0	10-162		85.7	%REC	1	11/03/2023 14:38	214142
Surr: p-Terphenyl-d14	*	0	10-173		91.6	%REC	1	11/03/2023 14:38	214142
<i>Elevated reporting limit due to high levels of target analytes.</i>									
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.50	5.00		392	µg/L	10	10/30/2023 11:04	213972
Bromoform	NELAP	0.09	0.20		ND	µg/L	1	10/28/2023 1:48	213946
Ethylbenzene	NELAP	0.10	1.00		159	µg/L	1	10/28/2023 1:48	213946
m,p-Xylenes	NELAP	0.22	1.00		19.7	µg/L	1	10/28/2023 1:48	213946
Methylene chloride	NELAP	0.87	2.00		ND	µg/L	1	10/28/2023 1:48	213946
Naphthalene	NELAP	5.70	20.0		531	µg/L	10	10/30/2023 11:04	213972
o-Xylene	NELAP	0.05	1.00		80.8	µg/L	1	10/28/2023 1:48	213946
Toluene	NELAP	0.10	2.00		34.8	µg/L	1	10/28/2023 1:48	213946
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 1:48	213946
Xylenes, Total	NELAP	0.28	2.00		101	µg/L	1	10/28/2023 1:48	213946
Surr: 1,2-Dichloroethane-d4	*	0	80-120		101.3	%REC	1	10/28/2023 1:48	213946
Surr: 4-Bromofluorobenzene	*	0	80-120		99.5	%REC	1	10/28/2023 1:48	213946
Surr: Dibromofluoromethane	*	0	80-120		104.2	%REC	1	10/28/2023 1:48	213946
Surr: Toluene-d8	*	0	80-120		102.6	%REC	1	10/28/2023 1:48	213946

Client: ERM
 Client Project: Ameren Taylorville 4th Qtr 2023
 Lab ID: 23102244-022
 Matrix: GROUNDWATER

Work Order: 23102244
 Report Date: 10-Nov-23

Client Sample ID: GW-25-WG-20231026

Collection Date: 10/26/2023 13:35

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 22:40	214029
Acenaphthylene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 22:40	214029
Anthracene	NELAP	0.000200	0.000300		ND	mg/L	1	11/02/2023 22:40	214029
Benzo(a)anthracene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 22:40	214029
Benzo(a)pyrene	NELAP	0.000110	0.000200		ND	mg/L	1	11/02/2023 22:40	214029
Benzo(b)fluoranthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 22:40	214029
Benzo(g,h,i)perylene	NELAP	0.000120	0.000200		ND	mg/L	1	11/02/2023 22:40	214029
Benzo(k)fluoranthene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 22:40	214029
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	11/02/2023 22:40	214029
Chrysene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 22:40	214029
Dibenzo(a,h)anthracene	NELAP	0.000120	0.000200		ND	mg/L	1	11/02/2023 22:40	214029
Di-n-butyl phthalate	NELAP	0.000830	0.0100		ND	mg/L	1	11/02/2023 22:40	214029
Fluoranthene	NELAP	0.000270	0.000300		ND	mg/L	1	11/02/2023 22:40	214029
Fluorene	NELAP	0.000080	0.000200	B	ND	mg/L	1	11/02/2023 22:40	214029
Indeno(1,2,3-cd)pyrene	NELAP	0.000160	0.000200		ND	mg/L	1	11/02/2023 22:40	214029
m,p-Cresol	NELAP	0.000590	0.0100		ND	mg/L	1	11/02/2023 22:40	214029
Naphthalene	NELAP	0.000340	0.000400		ND	mg/L	1	11/02/2023 22:40	214029
o-Cresol	NELAP	0.000540	0.0100		ND	mg/L	1	11/02/2023 22:40	214029
Phenanthrene	NELAP	0.000530	0.000600		ND	mg/L	1	11/02/2023 22:40	214029
Pyrene	NELAP	0.000180	0.000200		ND	mg/L	1	11/02/2023 22:40	214029
Surr: 2,4,6-Tribromophenol	*	0	10-179		76.7	%REC	1	11/02/2023 22:40	214029
Surr: 2-Fluorobiphenyl	*	0	21.4-142		85.7	%REC	1	11/02/2023 22:40	214029
Surr: 2-Fluorophenol	*	0	10-157		69.5	%REC	1	11/02/2023 22:40	214029
Surr: Nitrobenzene-d5	*	0	15-163		87.8	%REC	1	11/02/2023 22:40	214029
Surr: Phenol-d5	*	0	10-162		62.8	%REC	1	11/02/2023 22:40	214029
Surr: p-Terphenyl-d14	*	0	10-173		112.4	%REC	1	11/02/2023 22:40	214029
Contamination present in the MBLK for Fluorene. Sample results below the reporting limit are reportable per the TNI Standard.									
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50	J	0.16	µg/L	1	10/28/2023 2:13	213946
Bromoform	NELAP	0.09	0.20		ND	µg/L	1	10/28/2023 2:13	213946
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	10/28/2023 2:13	213946
m,p-Xylenes	NELAP	0.22	1.00		ND	µg/L	1	10/28/2023 2:13	213946
Methylene chloride	NELAP	0.87	2.00		ND	µg/L	1	10/28/2023 2:13	213946
Naphthalene	NELAP	0.57	2.00		3.77	µg/L	1	10/28/2023 2:13	213946
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	10/28/2023 2:13	213946
Toluene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 2:13	213946
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 2:13	213946
Xylenes, Total	NELAP	0.28	2.00		ND	µg/L	1	10/28/2023 2:13	213946
Surr: 1,2-Dichloroethane-d4	*	0	80-120		97.6	%REC	1	10/28/2023 2:13	213946
Surr: 4-Bromofluorobenzene	*	0	80-120		101.4	%REC	1	10/28/2023 2:13	213946
Surr: Dibromofluoromethane	*	0	80-120		102.9	%REC	1	10/28/2023 2:13	213946
Surr: Toluene-d8	*	0	80-120		102.7	%REC	1	10/28/2023 2:13	213946

Client: ERM
 Client Project: Ameren Taylorville 4th Qtr 2023
 Lab ID: 23102244-023
 Matrix: GROUNDWATER

Work Order: 23102244
 Report Date: 10-Nov-23

Client Sample ID: GW-26-WG-20231026
 Collection Date: 10/26/2023 16:25

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 23:18	214029
Acenaphthylene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 23:18	214029
Anthracene	NELAP	0.000200	0.000300		ND	mg/L	1	11/02/2023 23:18	214029
Benzo(a)anthracene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 23:18	214029
Benzo(a)pyrene	NELAP	0.000110	0.000200		ND	mg/L	1	11/02/2023 23:18	214029
Benzo(b)fluoranthene	NELAP	0.000070	0.000100		ND	mg/L	1	11/02/2023 23:18	214029
Benzo(g,h,i)perylene	NELAP	0.000120	0.000200		ND	mg/L	1	11/02/2023 23:18	214029
Benzo(k)fluoranthene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 23:18	214029
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	11/02/2023 23:18	214029
Chrysene	NELAP	0.000050	0.000100		ND	mg/L	1	11/02/2023 23:18	214029
Dibenzo(a,h)anthracene	NELAP	0.000120	0.000200		ND	mg/L	1	11/02/2023 23:18	214029
Di-n-butyl phthalate	NELAP	0.000830	0.0100		ND	mg/L	1	11/02/2023 23:18	214029
Fluoranthene	NELAP	0.000270	0.000300		ND	mg/L	1	11/02/2023 23:18	214029
Fluorene	NELAP	0.000080	0.000200	B	ND	mg/L	1	11/02/2023 23:18	214029
Indeno(1,2,3-cd)pyrene	NELAP	0.000160	0.000200		ND	mg/L	1	11/02/2023 23:18	214029
m,p-Cresol	NELAP	0.000590	0.0100		ND	mg/L	1	11/02/2023 23:18	214029
Naphthalene	NELAP	0.000340	0.000400		ND	mg/L	1	11/02/2023 23:18	214029
o-Cresol	NELAP	0.000540	0.0100		ND	mg/L	1	11/02/2023 23:18	214029
Phenanthrene	NELAP	0.000530	0.000600		ND	mg/L	1	11/02/2023 23:18	214029
Pyrene	NELAP	0.000180	0.000200		ND	mg/L	1	11/02/2023 23:18	214029
Surr: 2,4,6-Tribromophenol	*	0	10-179		89.4	%REC	1	11/02/2023 23:18	214029
Surr: 2-Fluorobiphenyl	*	0	21.4-142		88.9	%REC	1	11/02/2023 23:18	214029
Surr: 2-Fluorophenol	*	0	10-157		87.9	%REC	1	11/02/2023 23:18	214029
Surr: Nitrobenzene-d5	*	0	15-163		92.0	%REC	1	11/02/2023 23:18	214029
Surr: Phenol-d5	*	0	10-162		73.8	%REC	1	11/02/2023 23:18	214029
Surr: p-Terphenyl-d14	*	0	10-173		115.6	%REC	1	11/02/2023 23:18	214029

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

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	10/28/2023 2:39	213946
Bromoform	NELAP	0.09	0.20		ND	µg/L	1	10/28/2023 2:39	213946
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	10/28/2023 2:39	213946
m,p-Xylenes	NELAP	0.22	1.00		ND	µg/L	1	10/28/2023 2:39	213946
Methylene chloride	NELAP	0.87	2.00		ND	µg/L	1	10/28/2023 2:39	213946
Naphthalene	NELAP	0.57	2.00		ND	µg/L	1	10/28/2023 2:39	213946
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	10/28/2023 2:39	213946
Toluene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 2:39	213946
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	10/28/2023 2:39	213946
Xylenes, Total	NELAP	0.28	2.00		ND	µg/L	1	10/28/2023 2:39	213946
Surr: 1,2-Dichloroethane-d4	*	0	80-120		100.5	%REC	1	10/28/2023 2:39	213946
Surr: 4-Bromofluorobenzene	*	0	80-120		98.3	%REC	1	10/28/2023 2:39	213946
Surr: Dibromofluoromethane	*	0	80-120		103.5	%REC	1	10/28/2023 2:39	213946
Surr: Toluene-d8	*	0	80-120		102.2	%REC	1	10/28/2023 2:39	213946

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
23102244-001	GW-04R-WG-20231027	Groundwater	2	10/27/2023 10:45
23102244-002	GW-05-WG-20231025	Groundwater	2	10/25/2023 13:40
23102244-003	GW-07-WG-20231027	Groundwater	2	10/27/2023 8:25
23102244-004	GW-14-WG-20231026	Groundwater	2	10/26/2023 17:35
23102244-005	GW-15-WG-20231027	Groundwater	2	10/27/2023 10:00
23102244-006	GW-16S-WG-20231025	Groundwater	2	10/25/2023 16:10
23102244-007	GW-16D-WG-20231025	Groundwater	2	10/25/2023 15:45
23102244-008	GW-17-WG-20231025	Groundwater	2	10/25/2023 16:45
23102244-009	GW-18S-WG-20231026	Groundwater	2	10/26/2023 12:35
23102244-010	GW-18D-WG-20231026	Groundwater	2	10/26/2023 12:05
23102244-011	GW-19S-WG-20231026	Groundwater	2	10/26/2023 10:50
23102244-012	GW-19D-WG-20231026	Groundwater	2	10/26/2023 9:15
23102244-013	GW-20-WG-20231026	Groundwater	2	10/26/2023 7:50
23102244-014	GW-21-WG-20231027	Groundwater	2	10/27/2023 11:50
23102244-015	GW-22S-WG-20231026	Groundwater	2	10/26/2023 15:40
23102244-016	GW-22D-WG-20231026	Groundwater	2	10/26/2023 15:05
23102244-017	DUP-001-WG-20231026	Groundwater	2	10/26/2023 0:00
23102244-018	FB-001-WQ-20231026	Groundwater	2	10/26/2023 7:50
23102244-019	TB-001-WQ-20231025	Trip Blank	1	10/25/2023 8:00
23102244-020	FB-002-WQ-20231027	Groundwater	2	10/27/2023 10:25
23102244-021	DUP-002-WG-20231027	Groundwater	2	10/27/2023 0:00
23102244-022	GW-25-WG-20231026	Groundwater	2	10/26/2023 13:35
23102244-023	GW-26-WG-20231026	Groundwater	2	10/26/2023 16:25

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
Test Name					
23102244-001A	GW-04R-WG-20231027	10/27/2023 10:45	10/27/2023 13:36		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/02/2023 13:03	11/03/2023 12:04
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/02/2023 13:03	11/03/2023 17:12
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/02/2023 13:03	11/03/2023 17:51
23102244-001B	GW-04R-WG-20231027	10/27/2023 10:45	10/27/2023 13:36		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/28/2023 6:09
23102244-002A	GW-05-WG-20231025	10/25/2023 13:40	10/27/2023 13:36		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			10/31/2023 18:25	11/01/2023 15:40
23102244-002B	GW-05-WG-20231025	10/25/2023 13:40	10/27/2023 13:36		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/28/2023 6:34
23102244-003A	GW-07-WG-20231027	10/27/2023 8:25	10/27/2023 13:36		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/02/2023 13:03	11/03/2023 12:43
23102244-003B	GW-07-WG-20231027	10/27/2023 8:25	10/27/2023 13:36		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/28/2023 6:59
23102244-004A	GW-14-WG-20231026	10/26/2023 17:35	10/27/2023 13:36		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/01/2023 14:59	11/02/2023 15:29
23102244-004B	GW-14-WG-20231026	10/26/2023 17:35	10/27/2023 13:36		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/28/2023 7:24
23102244-005A	GW-15-WG-20231027	10/27/2023 10:00	10/27/2023 13:36		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/02/2023 13:03	11/03/2023 15:16
23102244-005B	GW-15-WG-20231027	10/27/2023 10:00	10/27/2023 13:36		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/27/2023 21:58
23102244-006A	GW-16S-WG-20231025	10/25/2023 16:10	10/27/2023 13:36		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			10/31/2023 18:25	11/01/2023 16:19
23102244-006B	GW-16S-WG-20231025	10/25/2023 16:10	10/27/2023 13:36		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/28/2023 7:48
23102244-007A	GW-16D-WG-20231025	10/25/2023 15:45	10/27/2023 13:36		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			10/31/2023 18:25	11/01/2023 16:58
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			10/31/2023 18:25	11/02/2023 23:56
23102244-007B	GW-16D-WG-20231025	10/25/2023 15:45	10/27/2023 13:36		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/28/2023 8:13
23102244-008A	GW-17-WG-20231025	10/25/2023 16:45	10/27/2023 13:36		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			10/31/2023 18:25	11/01/2023 17:38
23102244-008B	GW-17-WG-20231025	10/25/2023 16:45	10/27/2023 13:36		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/28/2023 8:38

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
Test Name					
23102244-009A	GW-18S-WG-20231026	10/26/2023 12:35	10/27/2023 13:36		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/01/2023 14:59	11/02/2023 16:09
23102244-009B	GW-18S-WG-20231026	10/26/2023 12:35	10/27/2023 13:36		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/28/2023 6:20
23102244-010A	GW-18D-WG-20231026	10/26/2023 12:05	10/27/2023 13:36		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/01/2023 14:59	11/02/2023 16:49
23102244-010B	GW-18D-WG-20231026	10/26/2023 12:05	10/27/2023 13:36		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/28/2023 6:45
23102244-011A	GW-19S-WG-20231026	10/26/2023 10:50	10/27/2023 13:36		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/01/2023 14:59	11/02/2023 17:28
23102244-011B	GW-19S-WG-20231026	10/26/2023 10:50	10/27/2023 13:36		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/28/2023 7:11
23102244-012A	GW-19D-WG-20231026	10/26/2023 9:15	10/27/2023 13:36		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/01/2023 14:59	11/02/2023 18:08
23102244-012B	GW-19D-WG-20231026	10/26/2023 9:15	10/27/2023 13:36		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/01/2023 15:28
23102244-013A	GW-20-WG-20231026	10/26/2023 7:50	10/27/2023 13:36		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/01/2023 14:59	11/02/2023 19:30
23102244-013B	GW-20-WG-20231026	10/26/2023 7:50	10/27/2023 13:36		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/27/2023 23:15
23102244-014A	GW-21-WG-20231027	10/27/2023 11:50	10/27/2023 13:36		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/02/2023 13:03	11/03/2023 13:21
23102244-014B	GW-21-WG-20231027	10/27/2023 11:50	10/27/2023 13:36		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/27/2023 23:41
23102244-015A	GW-22S-WG-20231026	10/26/2023 15:40	10/27/2023 13:36		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/01/2023 14:59	11/02/2023 20:08
23102244-015B	GW-22S-WG-20231026	10/26/2023 15:40	10/27/2023 13:36		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/28/2023 0:06
23102244-016A	GW-22D-WG-20231026	10/26/2023 15:05	10/27/2023 13:36		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/01/2023 14:59	11/02/2023 20:46
23102244-016B	GW-22D-WG-20231026	10/26/2023 15:05	10/27/2023 13:36		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/28/2023 0:32
23102244-017A	DUP-001-WG-20231026	10/26/2023 0:00	10/27/2023 13:36		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/01/2023 14:59	11/02/2023 21:24
23102244-017B	DUP-001-WG-20231026	10/26/2023 0:00	10/27/2023 13:36		

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/28/2023 0:57
23102244-018A	FB-001-WQ-20231026	10/26/2023 7:50	10/27/2023 13:36		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/01/2023 14:59	11/02/2023 22:02
23102244-018B	FB-001-WQ-20231026	10/26/2023 7:50	10/27/2023 13:36		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/27/2023 21:07
23102244-019A	TB-001-WQ-20231025	10/25/2023 8:00	10/27/2023 13:36		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/27/2023 21:32
23102244-020A	FB-002-WQ-20231027	10/27/2023 10:25	10/27/2023 13:36		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/02/2023 13:03	11/03/2023 13:59
23102244-020B	FB-002-WQ-20231027	10/27/2023 10:25	10/27/2023 13:36		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/28/2023 1:22
23102244-021A	DUP-002-WG-20231027	10/27/2023 0:00	10/27/2023 13:36		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/02/2023 13:03	11/03/2023 14:38
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/02/2023 13:03	11/06/2023 9:52
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/02/2023 13:03	11/06/2023 13:40
23102244-021B	DUP-002-WG-20231027	10/27/2023 0:00	10/27/2023 13:36		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/28/2023 1:48
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/30/2023 11:04
23102244-022A	GW-25-WG-20231026	10/26/2023 13:35	10/27/2023 13:36		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/01/2023 14:59	11/02/2023 22:40
23102244-022B	GW-25-WG-20231026	10/26/2023 13:35	10/27/2023 13:36		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/28/2023 2:13
23102244-023A	GW-26-WG-20231026	10/26/2023 16:25	10/27/2023 13:36		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/01/2023 14:59	11/02/2023 23:18
23102244-023B	GW-26-WG-20231026	10/26/2023 16:25	10/27/2023 13:36		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/28/2023 2:39

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

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

Batch 214029		SampType: MBLK		Units mg/L							
SampID: MBLK-214029											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Acenaphthene		0.000100		ND						11/01/2023	
Acenaphthylene		0.000100		ND						11/01/2023	
Anthracene		0.000300		ND						11/01/2023	
Benzo(a)anthracene		0.000100		ND						11/01/2023	
Benzo(a)pyrene		0.000200		ND						11/01/2023	
Benzo(b)fluoranthene		0.000100		ND						11/01/2023	
Benzo(g,h,i)perylene		0.000200		ND						11/01/2023	
Benzo(k)fluoranthene		0.000100		ND						11/01/2023	
Bis(2-ethylhexyl)phthalate		0.00600		ND						11/01/2023	
Chrysene		0.000100		ND						11/01/2023	
Dibenzo(a,h)anthracene		0.000200		ND						11/01/2023	
Di-n-butyl phthalate		0.0100		ND						11/01/2023	
Fluoranthene		0.000300		ND						11/01/2023	
Fluorene		0.000200 J		0.000090						11/01/2023	
Indeno(1,2,3-cd)pyrene		0.000200		ND						11/01/2023	
m,p-Cresol		0.0100		ND						11/01/2023	
Naphthalene		0.000400		ND						11/01/2023	
o-Cresol		0.0100		ND						11/01/2023	
Phenanthrene		0.000600		ND						11/01/2023	
Pyrene		0.000200		ND						11/01/2023	
Surr: 2,4,6-Tribromophenol	*			0.00167	0.0020		83.6	32.2	135	11/01/2023	
Surr: 2-Fluorobiphenyl	*			0.000674	0.0010		67.4	37.3	109	11/01/2023	
Surr: 2-Fluorophenol	*			0.00147	0.0020		73.7	34.4	114	11/01/2023	
Surr: Nitrobenzene-d5	*			0.000703	0.0010		70.3	43.2	112	11/01/2023	
Surr: Phenol-d5	*			0.00123	0.0020		61.4	33.9	101	11/01/2023	
Surr: p-Terphenyl-d14	*			0.000773	0.0010		77.3	49.3	140	11/01/2023	

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

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

Batch 214029		SampType: LCS		Units mg/L							Date Analyzed
SampleID: LCS-214029											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Acenaphthene		0.000100		0.00155	0.0020	0	77.5	58.1	103	11/01/2023	
Acenaphthylene		0.000100		0.00177	0.0020	0	88.7	59.6	117	11/01/2023	
Anthracene		0.000300		0.00158	0.0020	0	79.0	58.4	110	11/01/2023	
Benzo(a)anthracene		0.000100		0.00153	0.0020	0	76.4	66.7	112	11/01/2023	
Benzo(a)pyrene		0.000200		0.00167	0.0020	0	83.7	69	125	11/01/2023	
Benzo(b)fluoranthene		0.000100		0.00165	0.0020	0	82.7	66.1	128	11/01/2023	
Benzo(g,h,i)perylene		0.000200		0.00163	0.0020	0	81.7	59.9	128	11/01/2023	
Benzo(k)fluoranthene		0.000100		0.00174	0.0020	0	86.8	66.5	116	11/01/2023	
Bis(2-ethylhexyl)phthalate		0.00600	J	0.0023	0.0020	0	116.2	51.3	187	11/01/2023	
Chrysene		0.000100		0.00165	0.0020	0	82.4	58.8	117	11/01/2023	
Dibenzo(a,h)anthracene		0.000200		0.00171	0.0020	0	85.4	60	142	11/01/2023	
Di-n-butyl phthalate		0.0100	J	0.0016	0.0020	0	80.0	61.5	128	11/01/2023	
Fluoranthene		0.000300		0.00149	0.0020	0	74.5	59.6	120	11/01/2023	
Fluorene		0.000200	B	0.00148	0.0020	0	73.8	59.2	109	11/01/2023	
Indeno(1,2,3-cd)pyrene		0.000200		0.00176	0.0020	0	88.2	60.7	134	11/01/2023	
m,p-Cresol		0.0100		0.0157	0.0200	0	78.3	54	106	11/01/2023	
Naphthalene		0.000400		0.00156	0.0020	0	78.0	56.6	98.5	11/01/2023	
o-Cresol		0.0100		0.0155	0.0200	0	77.4	54.2	105	11/01/2023	
Phenanthrene		0.000600		0.00162	0.0020	0	80.8	61.3	113	11/01/2023	
Pyrene		0.000200		0.00146	0.0020	0	72.9	53.7	117	11/01/2023	
Surr: 2,4,6-Tribromophenol	*			0.00190	0.0020		95.1	32.2	135	11/01/2023	
Surr: 2-Fluorobiphenyl	*			0.000653	0.0010		65.3	37.3	109	11/01/2023	
Surr: 2-Fluorophenol	*			0.00142	0.0020		71.0	34.4	114	11/01/2023	
Surr: Nitrobenzene-d5	*			0.000734	0.0010		73.4	43.2	112	11/01/2023	
Surr: Phenol-d5	*			0.00142	0.0020		70.8	33.9	101	11/01/2023	
Surr: p-Terphenyl-d14	*			0.000745	0.0010		74.5	49.3	140	11/01/2023	



Quality Control Results

<http://www.teklabinc.com/>

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

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

Batch	214029	SampType:	LCSD	Units				mg/L	RPD Limit: 40		
SampleID: LCSD-214029											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Acenaphthene		0.000100		0.00163	0.0020	0	81.5	0.001551	4.94	11/01/2023	
Acenaphthylene		0.000100		0.00189	0.0020	0	94.6	0.001773	6.52	11/01/2023	
Anthracene		0.000300		0.00173	0.0020	0	86.3	0.001579	8.84	11/01/2023	
Benzo(a)anthracene		0.000100		0.00168	0.0020	0	83.8	0.001529	9.13	11/01/2023	
Benzo(a)pyrene		0.000200		0.00178	0.0020	0	88.8	0.001674	5.92	11/01/2023	
Benzo(b)fluoranthene		0.000100		0.00179	0.0020	0	89.6	0.001654	8.05	11/01/2023	
Benzo(g,h,i)perylene		0.000200		0.00174	0.0020	0	86.9	0.001634	6.18	11/01/2023	
Benzo(k)fluoranthene		0.000100		0.00183	0.0020	0	91.5	0.001737	5.26	11/01/2023	
Bis(2-ethylhexyl)phthalate		0.00600	J	0.0024	0.0020	0	119.4	0.002324	0.00	11/01/2023	
Chrysene		0.000100		0.00184	0.0020	0	91.9	0.001649	10.83	11/01/2023	
Dibenzo(a,h)anthracene		0.000200		0.00191	0.0020	0	95.3	0.001708	10.96	11/01/2023	
Di-n-butyl phthalate		0.0100	J	0.0018	0.0020	0	88.1	0.001599	0.00	11/01/2023	
Fluoranthene		0.000300		0.00163	0.0020	0	81.7	0.001491	9.14	11/01/2023	
Fluorene		0.000200	B	0.00156	0.0020	0	78.1	0.001476	5.68	11/01/2023	
Indeno(1,2,3-cd)pyrene		0.000200		0.00193	0.0020	0	96.5	0.001764	8.99	11/01/2023	
m,p-Cresol		0.0100		0.0179	0.0200	0	89.6	0.01566	13.49	11/01/2023	
Naphthalene		0.000400		0.00168	0.0020	0	84.1	0.001560	7.54	11/01/2023	
o-Cresol		0.0100		0.0178	0.0200	0	89.0	0.01549	13.94	11/01/2023	
Phenanthrene		0.000600		0.00178	0.0020	0	89.2	0.001617	9.87	11/01/2023	
Pyrene		0.000200		0.00161	0.0020	0	80.5	0.001457	9.93	11/01/2023	
Surr: 2,4,6-Tribromophenol	*			0.00182	0.0020		91.0			11/01/2023	
Surr: 2-Fluorobiphenyl	*			0.000788	0.0010		78.8			11/01/2023	
Surr: 2-Fluorophenol	*			0.00168	0.0020		83.8			11/01/2023	
Surr: Nitrobenzene-d5	*			0.000876	0.0010		87.6			11/01/2023	
Surr: Phenol-d5	*			0.00176	0.0020		88.1			11/01/2023	
Surr: p-Terphenyl-d14	*			0.000809	0.0010		80.9			11/01/2023	

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS
Batch 214142 **SampType:** MBLK **Units** mg/L

SampID: MBLK-214142

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		ND						11/03/2023
Acenaphthylene		0.000100		ND						11/03/2023
Anthracene		0.000300		ND						11/03/2023
Benzo(a)anthracene		0.000100		ND						11/03/2023
Benzo(a)pyrene		0.000200		ND						11/03/2023
Benzo(b)fluoranthene		0.000100		ND						11/03/2023
Benzo(g,h,i)perylene		0.000200		ND						11/03/2023
Benzo(k)fluoranthene		0.000100		ND						11/03/2023
Bis(2-ethylhexyl)phthalate		0.00600		ND						11/03/2023
Chrysene		0.000100		ND						11/03/2023
Dibenzo(a,h)anthracene		0.000200		ND						11/03/2023
Di-n-butyl phthalate		0.0100		ND						11/03/2023
Fluoranthene		0.000300		ND						11/03/2023
Fluorene		0.000200		ND						11/03/2023
Indeno(1,2,3-cd)pyrene		0.000200		ND						11/03/2023
m,p-Cresol		0.0100		ND						11/03/2023
Naphthalene		0.000400		ND						11/03/2023
o-Cresol		0.0100		ND						11/03/2023
Phenanthrene		0.000600		ND						11/03/2023
Pyrene		0.000200		ND						11/03/2023
Surr: 2,4,6-Tribromophenol	*			0.00209	0.0020		104.7	32.2	135	11/03/2023
Surr: 2-Fluorobiphenyl	*			0.000753	0.0010		75.3	37.3	109	11/03/2023
Surr: 2-Fluorophenol	*			0.00154	0.0020		77.2	34.4	114	11/03/2023
Surr: Nitrobenzene-d5	*			0.000727	0.0010		72.7	43.2	112	11/03/2023
Surr: Phenol-d5	*			0.00127	0.0020		63.5	33.9	101	11/03/2023
Surr: p-Terphenyl-d14	*			0.000920	0.0010		92.0	49.3	140	11/03/2023

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

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

Batch 214142		SampType: LCS		Units mg/L							Date Analyzed
SampleID: LCS-214142											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Acenaphthene		0.000100		0.00166	0.0020	0	82.9	58.1	103	11/03/2023	
Acenaphthylene		0.000100		0.00187	0.0020	0	93.6	59.6	117	11/03/2023	
Anthracene		0.000300		0.00168	0.0020	0	83.9	58.4	110	11/03/2023	
Benzo(a)anthracene		0.000100		0.00165	0.0020	0	82.3	66.7	112	11/03/2023	
Benzo(a)pyrene		0.000200		0.00176	0.0020	0	88.2	69	125	11/03/2023	
Benzo(b)fluoranthene		0.000100		0.00177	0.0020	0	88.6	66.1	128	11/03/2023	
Benzo(g,h,i)perylene		0.000200		0.00169	0.0020	0	84.6	59.9	128	11/03/2023	
Benzo(k)fluoranthene		0.000100		0.00181	0.0020	0	90.5	66.5	116	11/03/2023	
Bis(2-ethylhexyl)phthalate		0.00600	J	0.0025	0.0020	0	123.6	51.3	187	11/03/2023	
Chrysene		0.000100		0.00175	0.0020	0	87.3	58.8	117	11/03/2023	
Dibenzo(a,h)anthracene		0.000200		0.00182	0.0020	0	91.0	60	142	11/03/2023	
Di-n-butyl phthalate		0.0100	J	0.0018	0.0020	0	88.4	61.5	128	11/03/2023	
Fluoranthene		0.000300		0.00167	0.0020	0	83.7	59.6	120	11/03/2023	
Fluorene		0.000200		0.00156	0.0020	0	78.1	59.2	109	11/03/2023	
Indeno(1,2,3-cd)pyrene		0.000200		0.00181	0.0020	0	90.7	60.7	134	11/03/2023	
m,p-Cresol		0.0100		0.0178	0.0200	0	88.8	54	106	11/03/2023	
Naphthalene		0.000400		0.00165	0.0020	0	82.4	56.6	98.5	11/03/2023	
o-Cresol		0.0100		0.0172	0.0200	0	86.1	54.2	105	11/03/2023	
Phenanthrene		0.000600		0.00174	0.0020	0	87.2	61.3	113	11/03/2023	
Pyrene		0.000200		0.00162	0.0020	0	81.0	53.7	117	11/03/2023	
Surr: 2,4,6-Tribromophenol	*			0.00209	0.0020		104.5	32.2	135	11/03/2023	
Surr: 2-Fluorobiphenyl	*			0.000824	0.0010		82.4	37.3	109	11/03/2023	
Surr: 2-Fluorophenol	*			0.00175	0.0020		87.6	34.4	114	11/03/2023	
Surr: Nitrobenzene-d5	*			0.000881	0.0010		88.1	43.2	112	11/03/2023	
Surr: Phenol-d5	*			0.00183	0.0020		91.3	33.9	101	11/03/2023	
Surr: p-Terphenyl-d14	*			0.000940	0.0010		94.0	49.3	140	11/03/2023	

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

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

Batch 214142		SampType: LCSD		Units mg/L		RPD Limit: 40				
SampleID: LCSD-214142										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		0.00153	0.0020	0	76.3	0.001658	8.32	11/03/2023
Acenaphthylene		0.000100		0.00185	0.0020	0	92.7	0.001872	0.97	11/03/2023
Anthracene		0.000300		0.00158	0.0020	0	79.2	0.001679	5.76	11/03/2023
Benzo(a)anthracene		0.000100		0.00163	0.0020	0	81.4	0.001646	1.17	11/03/2023
Benzo(a)pyrene		0.000200		0.00175	0.0020	0	87.3	0.001764	1.02	11/03/2023
Benzo(b)fluoranthene		0.000100		0.00173	0.0020	0	86.3	0.001772	2.65	11/03/2023
Benzo(g,h,i)perylene		0.000200		0.00169	0.0020	0	84.5	0.001693	0.18	11/03/2023
Benzo(k)fluoranthene		0.000100		0.00181	0.0020	0	90.4	0.001810	0.14	11/03/2023
Bis(2-ethylhexyl)phthalate		0.00600	J	0.0024	0.0020	0	117.8	0.002472	0.00	11/03/2023
Chrysene		0.000100		0.00174	0.0020	0	86.8	0.001746	0.52	11/03/2023
Dibenzo(a,h)anthracene		0.000200		0.00177	0.0020	0	88.7	0.001820	2.54	11/03/2023
Di-n-butyl phthalate		0.0100	J	0.0017	0.0020	0	86.3	0.001767	0.00	11/03/2023
Fluoranthene		0.000300		0.00158	0.0020	0	78.9	0.001675	5.93	11/03/2023
Fluorene		0.000200		0.00159	0.0020	0	79.6	0.001561	1.92	11/03/2023
Indeno(1,2,3-cd)pyrene		0.000200		0.00184	0.0020	0	92.2	0.001814	1.68	11/03/2023
m,p-Cresol		0.0100		0.0145	0.0200	0	72.7	0.01776	19.88	11/03/2023
Naphthalene		0.000400		0.00163	0.0020	0	81.6	0.001648	1.01	11/03/2023
o-Cresol		0.0100		0.0149	0.0200	0	74.5	0.01721	14.38	11/03/2023
Phenanthrene		0.000600		0.00171	0.0020	0	85.7	0.001744	1.78	11/03/2023
Pyrene		0.000200		0.00150	0.0020	0	75.2	0.001619	7.42	11/03/2023
Surr: 2,4,6-Tribromophenol	*			0.00203	0.0020		101.6			11/03/2023
Surr: 2-Fluorobiphenyl	*			0.000794	0.0010		79.4			11/03/2023
Surr: 2-Fluorophenol	*			0.00157	0.0020		78.4			11/03/2023
Surr: Nitrobenzene-d5	*			0.000882	0.0010		88.2			11/03/2023
Surr: Phenol-d5	*			0.00148	0.0020		74.1			11/03/2023
Surr: p-Terphenyl-d14	*			0.000826	0.0010		82.6			11/03/2023

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS
Batch 214142 **SampType:** MS **Units** mg/L

SampleID: 23102244-005AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		0.00176	0.0020	0	87.8	28.3	133	11/03/2023
Acenaphthylene		0.000100		0.00199	0.0020	0	99.6	5	176	11/03/2023
Anthracene		0.000300		0.00191	0.0020	0	95.7	34.6	131	11/03/2023
Benzo(a)anthracene		0.000100		0.00176	0.0020	0	88.2	40.3	132	11/03/2023
Benzo(a)pyrene		0.000200		0.00195	0.0020	0	97.6	40.8	132	11/03/2023
Benzo(b)fluoranthene		0.000100		0.00190	0.0020	0	94.8	41.9	132	11/03/2023
Benzo(g,h,i)perylene		0.000200		0.00187	0.0020	0	93.4	46	132	11/03/2023
Benzo(k)fluoranthene		0.000100		0.00193	0.0020	0	96.6	49.4	126	11/03/2023
Bis(2-ethylhexyl)phthalate		0.00600	J	0.0024	0.0020	0	120.2	18.4	222	11/03/2023
Chrysene		0.000100		0.00190	0.0020	0	94.9	46.1	129	11/03/2023
Dibenzo(a,h)anthracene		0.000200		0.00209	0.0020	0	104.6	42.1	146	11/03/2023
Di-n-butyl phthalate		0.0100	J	0.0019	0.0020	0	96.8	59.6	146	11/03/2023
Fluoranthene		0.000300		0.00187	0.0020	0	93.3	23.9	164	11/03/2023
Fluorene		0.000200		0.00173	0.0020	0	86.3	24.3	148	11/03/2023
Indeno(1,2,3-cd)pyrene		0.000200		0.00201	0.0020	0	100.3	26.6	157	11/03/2023
m,p-Cresol		0.0100		0.0179	0.0200	0	89.4	5	156	11/03/2023
Naphthalene		0.000400		0.00177	0.0020	0	88.5	24.2	132	11/03/2023
o-Cresol		0.0100		0.0179	0.0200	0	89.3	38	113	11/03/2023
Phenanthrene		0.000600		0.00193	0.0020	0	96.4	36.6	139	11/03/2023
Pyrene		0.000200		0.00186	0.0020	0	93.2	14.6	169	11/03/2023
Surr: 2,4,6-Tribromophenol	*			0.00223	0.0020		111.3	10	179	11/03/2023
Surr: 2-Fluorobiphenyl	*			0.000820	0.0010		82.0	21.4	142	11/03/2023
Surr: 2-Fluorophenol	*			0.00167	0.0020		83.5	10	157	11/03/2023
Surr: Nitrobenzene-d5	*			0.000927	0.0010		92.7	15	163	11/03/2023
Surr: Phenol-d5	*			0.00170	0.0020		85.2	10	162	11/03/2023
Surr: p-Terphenyl-d14	*			0.000973	0.0010		97.3	10	173	11/03/2023

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

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

Batch 214142		SampType: MSD		Units mg/L		RPD Limit: 40				
SampleID: 23102244-005AMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		0.00172	0.0020	0	85.8	0.001757	2.37	11/03/2023
Acenaphthylene		0.000100		0.00195	0.0020	0	97.5	0.001992	2.13	11/03/2023
Anthracene		0.000300		0.00176	0.0020	0	88.0	0.001914	8.40	11/03/2023
Benzo(a)anthracene		0.000100		0.00178	0.0020	0	89.1	0.001763	1.09	11/03/2023
Benzo(a)pyrene		0.000200		0.00190	0.0020	0	94.9	0.001952	2.78	11/03/2023
Benzo(b)fluoranthene		0.000100		0.00188	0.0020	0	94.2	0.001895	0.57	11/03/2023
Benzo(g,h,i)perylene		0.000200		0.00184	0.0020	0	91.9	0.001867	1.59	11/03/2023
Benzo(k)fluoranthene		0.000100		0.00184	0.0020	0	92.0	0.001932	4.86	11/03/2023
Bis(2-ethylhexyl)phthalate		0.00600	JS	0.0048	0.0020	0	240.0	0.002404	0.00	11/03/2023
Chrysene		0.000100		0.00188	0.0020	0	93.9	0.001899	1.11	11/03/2023
Dibenzo(a,h)anthracene		0.000200		0.00202	0.0020	0	101.0	0.002093	3.56	11/03/2023
Di-n-butyl phthalate		0.0100	J	0.0018	0.0020	0	91.5	0.001936	0.00	11/03/2023
Fluoranthene		0.000300		0.00174	0.0020	0	87.0	0.001866	6.91	11/03/2023
Fluorene		0.000200		0.00167	0.0020	0	83.4	0.001727	3.49	11/03/2023
Indeno(1,2,3-cd)pyrene		0.000200		0.00194	0.0020	0	96.9	0.002006	3.41	11/03/2023
m,p-Cresol		0.0100		0.0180	0.0200	0	90.1	0.01788	0.83	11/03/2023
Naphthalene		0.000400		0.00172	0.0020	0	86.1	0.001769	2.70	11/03/2023
o-Cresol		0.0100		0.0178	0.0200	0	88.8	0.01787	0.58	11/03/2023
Phenanthrene		0.000600		0.00178	0.0020	0	89.0	0.001928	7.94	11/03/2023
Pyrene		0.000200		0.00175	0.0020	0	87.5	0.001863	6.24	11/03/2023
Surr: 2,4,6-Tribromophenol	*			0.00202	0.0020		101.1			11/03/2023
Surr: 2-Fluorobiphenyl	*			0.000808	0.0010		80.8			11/03/2023
Surr: 2-Fluorophenol	*			0.00174	0.0020		86.8			11/03/2023
Surr: Nitrobenzene-d5	*			0.000862	0.0010		86.2			11/03/2023
Surr: Phenol-d5	*			0.00172	0.0020		85.9			11/03/2023
Surr: p-Terphenyl-d14	*			0.000910	0.0010		91.0			11/03/2023



Quality Control Results

<http://www.teklabinc.com/>

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

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

Batch 213939		SampType: MBLK		Units µg/L							
SampID: MBLK-AK231027A-2											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	*	0.5		ND							10/27/2023
Bromoform	*	2.0		ND							10/27/2023
Ethylbenzene	*	2.0		ND							10/27/2023
m,p-Xylenes	*	2.0		ND							10/27/2023
Methylene chloride	*	2.0		ND							10/27/2023
Naphthalene	*	5.0		ND							10/27/2023
o-Xylene	*	2.0		ND							10/27/2023
Toluene	*	2.0		ND							10/27/2023
trans-1,2-Dichloroethene	*	2.0		ND							10/27/2023
Xylenes, Total	*	4.0		ND							10/27/2023
Surr: 1,2-Dichloroethane-d4	*			53.3	50.00		106.5	80	120		10/27/2023
Surr: 4-Bromofluorobenzene	*			51.9	50.00		103.9	80	120		10/27/2023
Surr: Dibromofluoromethane	*			49.3	50.00		98.6	80	120		10/27/2023
Surr: Toluene-d8	*			51.4	50.00		102.8	80	120		10/27/2023

Batch 213939		SampType: LCS		Units µg/L							Date Analyzed
SampID: LCS-AK231027A-2											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	*	0.5		48.5	50.00	0	96.9	80	121	10/27/2023	
Bromoform	*	2.0		51.6	50.00	0	103.2	71.6	129	10/27/2023	
Ethylbenzene	*	2.0		52.2	50.00	0	104.4	83.1	116	10/27/2023	
m,p-Xylenes	*	2.0		105	100.0	0	104.7	83.2	117	10/27/2023	
Methylene chloride	*	2.0		50.5	50.00	0	101.0	71.4	124	10/27/2023	
Naphthalene	*	5.0		49.0	50.00	0	97.9	71.6	124	10/27/2023	
o-Xylene	*	2.0		51.7	50.00	0	103.4	82.3	115	10/27/2023	
Toluene	*	2.0		51.3	50.00	0	102.5	82.4	112	10/27/2023	
trans-1,2-Dichloroethene	*	2.0		51.9	50.00	0	103.8	80.8	126	10/27/2023	
Xylenes, Total	*	4.0		156	150.0	0	104.2	83	116	10/27/2023	
Surr: 1,2-Dichloroethane-d4	*			54.9	50.00		109.8	80	120	10/27/2023	
Surr: 4-Bromofluorobenzene	*			51.2	50.00		102.5	80	120	10/27/2023	
Surr: Dibromofluoromethane	*			51.4	50.00		102.8	80	120	10/27/2023	
Surr: Toluene-d8	*			51.8	50.00		103.5	80	120	10/27/2023	

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

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

Batch 213939		SampType: LCSD		Units µg/L				RPD Limit: 20		
SampID: LCSD-AK231027A-2										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	*	0.5		47.4	50.00	0	94.8	48.47	2.27	10/27/2023
Bromoform	*	2.0		50.6	50.00	0	101.1	51.59	2.04	10/27/2023
Ethylbenzene	*	2.0		50.6	50.00	0	101.1	52.18	3.13	10/27/2023
m,p-Xylenes	*	2.0		101	100.0	0	101.4	104.7	3.22	10/27/2023
Methylene chloride	*	2.0		49.2	50.00	0	98.4	50.51	2.63	10/27/2023
Naphthalene	*	5.0		49.3	50.00	0	98.5	48.96	0.61	10/27/2023
o-Xylene	*	2.0		50.2	50.00	0	100.3	51.69	3.02	10/27/2023
Toluene	*	2.0		49.4	50.00	0	98.7	51.27	3.80	10/27/2023
trans-1,2-Dichloroethene	*	2.0		50.2	50.00	0	100.4	51.92	3.33	10/27/2023
Xylenes, Total	*	4.0		152	150.0	0	101.0	156.4	3.16	10/27/2023
Surr: 1,2-Dichloroethane-d4	*			54.5	50.00		108.9			10/27/2023
Surr: 4-Bromofluorobenzene	*			52.0	50.00		104.0			10/27/2023
Surr: Dibromofluoromethane	*			51.2	50.00		102.4			10/27/2023
Surr: Toluene-d8	*			51.4	50.00		102.7			10/27/2023

Batch 213946	SampType: MBLK	Units µg/L									Date Analyzed
SampID: MBLK-AE231027A-2											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	*	0.5		ND						10/27/2023	
Bromoform	*	2.0		ND						10/27/2023	
Ethylbenzene	*	2.0		ND						10/27/2023	
m,p-Xylenes	*	2.0		ND						10/27/2023	
Methylene chloride	*	2.0		ND						10/27/2023	
Naphthalene	*	5.0		ND						10/27/2023	
o-Xylene	*	2.0		ND						10/27/2023	
Toluene	*	2.0		ND						10/27/2023	
trans-1,2-Dichloroethene	*	2.0		ND						10/27/2023	
Xylenes, Total	*	4.0		ND						10/27/2023	
Surr: 1,2-Dichloroethane-d4	*			49.4	50.00		98.8	80	120	10/27/2023	
Surr: 4-Bromofluorobenzene	*			50.5	50.00		100.9	80	120	10/27/2023	
Surr: Dibromofluoromethane	*			51.6	50.00		103.2	80	120	10/27/2023	
Surr: Toluene-d8	*			51.3	50.00		102.6	80	120	10/27/2023	

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

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

Batch 213946		SampType: LCS		Units µg/L							
SampID: LCS-AE231027A-2											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	*	0.5		56.1	50.00	0	112.2	80	121	10/27/2023	
Bromoform	*	2.0		50.6	50.00	0	101.2	71.6	129	10/27/2023	
Ethylbenzene	*	2.0		53.6	50.00	0	107.2	83.1	116	10/27/2023	
m,p-Xylenes	*	2.0		107	100.0	0	107.5	83.2	117	10/27/2023	
Methylene chloride	*	2.0		56.2	50.00	0	112.4	71.4	124	10/27/2023	
Naphthalene	*	5.0		51.0	50.00	0	102.1	71.6	124	10/27/2023	
o-Xylene	*	2.0		53.8	50.00	0	107.6	82.3	115	10/27/2023	
Toluene	*	2.0		53.5	50.00	0	107.0	82.4	112	10/27/2023	
trans-1,2-Dichloroethene	*	2.0		58.0	50.00	0	116.0	80.8	126	10/27/2023	
Xylenes, Total	*	4.0		161	150.0	0	107.5	83	116	10/27/2023	
Surr: 1,2-Dichloroethane-d4	*			49.7	50.00		99.3	80	120	10/27/2023	
Surr: 4-Bromofluorobenzene	*			50.1	50.00		100.2	80	120	10/27/2023	
Surr: Dibromofluoromethane	*			51.8	50.00		103.6	80	120	10/27/2023	
Surr: Toluene-d8	*			50.4	50.00		100.8	80	120	10/27/2023	

Batch 213946	SampType: LCSD	Units µg/L								RPD Limit: 20	
SampID: LCSD-AE231027A-2											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Benzene	*	0.5		52.8	50.00	0	105.5	56.12	6.19	10/27/2023	
Bromoform	*	2.0		48.2	50.00	0	96.5	50.60	4.78	10/27/2023	
Ethylbenzene	*	2.0		50.8	50.00	0	101.6	53.60	5.32	10/27/2023	
m,p-Xylenes	*	2.0		102	100.0	0	101.7	107.5	5.51	10/27/2023	
Methylene chloride	*	2.0		54.1	50.00	0	108.2	56.19	3.81	10/27/2023	
Naphthalene	*	5.0		48.6	50.00	0	97.2	51.03	4.86	10/27/2023	
o-Xylene	*	2.0		50.9	50.00	0	101.7	53.82	5.64	10/27/2023	
Toluene	*	2.0		51.1	50.00	0	102.2	53.49	4.57	10/27/2023	
trans-1,2-Dichloroethene	*	2.0		54.8	50.00	0	109.6	57.98	5.64	10/27/2023	
Xylenes, Total	*	4.0		153	150.0	0	101.7	161.3	5.55	10/27/2023	
Surr: 1,2-Dichloroethane-d4	*			48.6	50.00		97.3			10/27/2023	
Surr: 4-Bromofluorobenzene	*			50.0	50.00		100.0			10/27/2023	
Surr: Dibromofluoromethane	*			51.4	50.00		102.7			10/27/2023	
Surr: Toluene-d8	*			50.2	50.00		100.5			10/27/2023	

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

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

Batch 213946		SampType: MS		Units µg/L						
SampID: 23102244-005bMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene		0.50		49.5	50.00	0	99.0	73.4	121	10/27/2023
Ethylbenzene		1.00		48.6	50.00	0	97.2	76.2	120	10/27/2023
m,p-Xylenes		1.00		51.7	50.00	0	103.4	82.8	127	10/27/2023
o-Xylene		1.00		49.2	50.00	0	98.4	79.2	116	10/27/2023
Toluene		2.00		49.6	50.00	0	99.2	75	113	10/27/2023
Xylenes, Total		2.00		101	100.0	0	100.9	81.2	121	10/27/2023
Surr: 1,2-Dichloroethane-d4	*			49.3	50.00		98.6	80	120	10/27/2023
Surr: 4-Bromofluorobenzene	*			49.8	50.00		99.5	80	120	10/27/2023
Surr: Dibromofluoromethane	*			51.6	50.00		103.1	80	120	10/27/2023
Surr: Toluene-d8	*			50.7	50.00		101.5	80	120	10/27/2023

Batch 213946	SampType: MSD	Units µg/L							RPD Limit: 20		Date Analyzed
SampID: 23102244-005bMSD											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Benzene		0.50		50.5	50.00	0	100.9	49.50	1.94	10/27/2023	
Ethylbenzene		1.00		50.4	50.00	0	100.7	48.58	3.58	10/27/2023	
m,p-Xylenes		1.00		53.0	50.00	0	106.0	51.71	2.43	10/27/2023	
o-Xylene		1.00		50.3	50.00	0	100.5	49.22	2.09	10/27/2023	
Toluene		2.00		50.3	50.00	0	100.6	49.61	1.40	10/27/2023	
Xylenes, Total		2.00		103	100.0	0	103.2	100.9	2.26	10/27/2023	
Surr: 1,2-Dichloroethane-d4	*			49.8	50.00		99.5			10/27/2023	
Surr: 4-Bromofluorobenzene	*			49.0	50.00		98.0			10/27/2023	
Surr: Dibromofluoromethane	*			51.0	50.00		102.1			10/27/2023	
Surr: Toluene-d8	*			51.3	50.00		102.7			10/27/2023	

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

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

Batch 213960		SampType: MBLK		Units µg/L							
SampID: MBLK-AM231027A-2											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	*	0.5		ND						10/27/2023	
Bromoform	*	2.0		ND						10/27/2023	
Ethylbenzene	*	2.0		ND						10/27/2023	
m,p-Xylenes	*	2.0		ND						10/27/2023	
Methylene chloride	*	2.0		ND						10/27/2023	
Naphthalene	*	5.0		ND						10/27/2023	
o-Xylene	*	2.0		ND						10/27/2023	
Toluene	*	2.0		ND						10/27/2023	
trans-1,2-Dichloroethene	*	2.0		ND						10/27/2023	
Xylenes, Total	*	4.0		ND						10/27/2023	
Surr: 1,2-Dichloroethane-d4	*			48.1	50.00		96.2	80	120	10/27/2023	
Surr: 4-Bromofluorobenzene	*			46.2	50.00		92.4	80	120	10/27/2023	
Surr: Dibromofluoromethane	*			51.6	50.00		103.3	80	120	10/27/2023	
Surr: Toluene-d8	*			48.2	50.00		96.3	80	120	10/27/2023	

Batch 213960		SampType: LCS		Units µg/L						
SampID: LCS-AM231027A-2										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		47.7	50.00	0	95.4	80	121	10/27/2023
Bromoform	*	2.0		53.4	50.00	0	106.7	71.6	129	10/27/2023
Ethylbenzene	*	2.0		49.7	50.00	0	99.4	83.1	116	10/27/2023
m,p-Xylenes	*	2.0		99.0	100.0	0	99.0	83.2	117	10/27/2023
Methylene chloride	*	2.0		42.1	50.00	0	84.2	71.4	124	10/27/2023
Naphthalene	*	5.0		50.3	50.00	0	100.6	71.6	124	10/27/2023
o-Xylene	*	2.0		48.9	50.00	0	97.8	82.3	115	10/27/2023
Toluene	*	2.0		48.7	50.00	0	97.3	82.4	112	10/27/2023
trans-1,2-Dichloroethene	*	2.0		45.7	50.00	0	91.3	80.8	126	10/27/2023
Xylenes, Total	*	4.0		148	150.0	0	98.6	83	116	10/27/2023
Surr: 1,2-Dichloroethane-d4	*			47.8	50.00		95.5	80	120	10/27/2023
Surr: 4-Bromofluorobenzene	*			45.5	50.00		91.0	80	120	10/27/2023
Surr: Dibromofluoromethane	*			51.8	50.00		103.6	80	120	10/27/2023
Surr: Toluene-d8	*			48.7	50.00		97.4	80	120	10/27/2023

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

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

Batch 213960		SampType: LCSD		Units µg/L				RPD Limit: 20		
SampID: LCSD-AM231027A-2										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	*	0.5		47.3	50.00	0	94.6	47.69	0.80	10/27/2023
Bromoform	*	2.0		52.2	50.00	0	104.4	53.36	2.22	10/27/2023
Ethylbenzene	*	2.0		49.0	50.00	0	97.9	49.69	1.46	10/27/2023
m,p-Xylenes	*	2.0		98.0	100.0	0	98.0	99.01	1.07	10/27/2023
Methylene chloride	*	2.0		41.7	50.00	0	83.5	42.08	0.81	10/27/2023
Naphthalene	*	5.0		51.2	50.00	0	102.3	50.30	1.71	10/27/2023
o-Xylene	*	2.0		48.5	50.00	0	97.1	48.88	0.72	10/27/2023
Toluene	*	2.0		48.5	50.00	0	97.0	48.67	0.35	10/27/2023
trans-1,2-Dichloroethene	*	2.0		46.2	50.00	0	92.5	45.67	1.24	10/27/2023
Xylenes, Total	*	4.0		146	150.0	0	97.7	147.9	0.95	10/27/2023
Surr: 1,2-Dichloroethane-d4	*			47.2	50.00		94.3			10/27/2023
Surr: 4-Bromofluorobenzene	*			45.6	50.00		91.1			10/27/2023
Surr: Dibromofluoromethane	*			51.9	50.00		103.8			10/27/2023
Surr: Toluene-d8	*			48.6	50.00		97.1			10/27/2023

Batch 213972	SampType: MBLK	Units µg/L									Date Analyzed
SampID: MBLK-AM231030A-1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	*	0.5		ND							10/30/2023
Bromoform	*	2.0		ND							10/30/2023
Ethylbenzene	*	2.0		ND							10/30/2023
m,p-Xylenes	*	2.0		ND							10/30/2023
Methylene chloride	*	2.0		ND							10/30/2023
Naphthalene	*	5.0		ND							10/30/2023
o-Xylene	*	2.0		ND							10/30/2023
Toluene	*	2.0		ND							10/30/2023
trans-1,2-Dichloroethene	*	2.0		ND							10/30/2023
Xylenes, Total	*	4.0		ND							10/30/2023
Surr: 1,2-Dichloroethane-d4	*			46.8	50.00		93.6	80	120		10/30/2023
Surr: 4-Bromofluorobenzene	*			46.2	50.00		92.5	80	120		10/30/2023
Surr: Dibromofluoromethane	*			52.4	50.00		104.8	80	120		10/30/2023
Surr: Toluene-d8	*			47.8	50.00		95.5	80	120		10/30/2023

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

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

Batch 213972		SampType: LCS		Units µg/L						
SampID: LCS-AM231030A-1										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		48.4	50.00	0	96.7	80	121	10/30/2023
Bromoform	*	2.0		54.3	50.00	0	108.7	71.6	129	10/30/2023
Ethylbenzene	*	2.0		49.0	50.00	0	97.9	83.1	116	10/30/2023
m,p-Xylenes	*	2.0		98.8	100.0	0	98.8	83.2	117	10/30/2023
Methylene chloride	*	2.0		42.0	50.00	0	84.0	71.4	124	10/30/2023
Naphthalene	*	5.0		52.2	50.00	0	104.5	71.6	124	10/30/2023
o-Xylene	*	2.0		48.6	50.00	0	97.3	82.3	115	10/30/2023
Toluene	*	2.0		48.8	50.00	0	97.6	82.4	112	10/30/2023
trans-1,2-Dichloroethene	*	2.0		46.2	50.00	0	92.4	80.8	126	10/30/2023
Xylenes, Total	*	4.0		147	150.0	0	98.3	83	116	10/30/2023
Surr: 1,2-Dichloroethane-d4	*			45.8	50.00		91.6	80	120	10/30/2023
Surr: 4-Bromofluorobenzene	*			44.0	50.00		88.0	80	120	10/30/2023
Surr: Dibromofluoromethane	*			52.0	50.00		104.1	80	120	10/30/2023
Surr: Toluene-d8	*			47.9	50.00		95.8	80	120	10/30/2023

Batch 213972	SampType: LCSD	Units µg/L								RPD Limit: 20	
SampID: LCSD-AM231030A-1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Benzene	*	0.5		46.4	50.00	0	92.7	48.35	4.18	10/30/2023	
Bromoform	*	2.0		53.0	50.00	0	106.0	54.34	2.52	10/30/2023	
Ethylbenzene	*	2.0		47.2	50.00	0	94.4	48.97	3.70	10/30/2023	
m,p-Xylenes	*	2.0		94.8	100.0	0	94.8	98.84	4.21	10/30/2023	
Methylene chloride	*	2.0		40.9	50.00	0	81.9	41.99	2.56	10/30/2023	
Naphthalene	*	5.0		51.2	50.00	0	102.4	52.24	2.03	10/30/2023	
o-Xylene	*	2.0		47.0	50.00	0	94.0	48.64	3.43	10/30/2023	
Toluene	*	2.0		46.6	50.00	0	93.2	48.82	4.70	10/30/2023	
trans-1,2-Dichloroethene	*	2.0		44.1	50.00	0	88.2	46.20	4.61	10/30/2023	
Xylenes, Total	*	4.0		142	150.0	0	94.5	147.5	3.96	10/30/2023	
Surr: 1,2-Dichloroethane-d4	*			46.0	50.00		92.1			10/30/2023	
Surr: 4-Bromofluorobenzene	*			44.2	50.00		88.4			10/30/2023	
Surr: Dibromofluoromethane	*			51.9	50.00		103.8			10/30/2023	
Surr: Toluene-d8	*			47.7	50.00		95.5			10/30/2023	

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

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

Batch 213972		SampType: MS		Units µg/L						
SampID: 23102244-021BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene		5.00		811	500.0	392.2	83.8	73.4	121	10/30/2023
Ethylbenzene		10.0		584	500.0	134.1	90.1	76.2	120	10/30/2023
m,p-Xylenes		10.0		490	500.0	17.60	94.6	82.8	127	10/30/2023
o-Xylene		10.0		522	500.0	71.20	90.2	79.2	116	10/30/2023
Toluene		20.0		470	500.0	30.30	87.9	75	113	10/30/2023
Xylenes, Total		20.0		1010	1000	88.80	92.4	81.2	121	10/30/2023
Surr: 1,2-Dichloroethane-d4	*			466	500.0		93.2	80	120	10/30/2023
Surr: 4-Bromofluorobenzene	*			440	500.0		87.9	80	120	10/30/2023
Surr: Dibromofluoromethane	*			520	500.0		104.1	80	120	10/30/2023
Surr: Toluene-d8	*			476	500.0		95.3	80	120	10/30/2023

Batch 213972	SampType: MSD	Units µg/L							RPD Limit: 20	
SampleID: 23102244-021BMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene		5.00		840	500.0	392.2	89.6	811.2	3.54	10/30/2023
Ethylbenzene		10.0		596	500.0	134.1	92.3	584.4	1.90	10/30/2023
m,p-Xylenes		10.0		496	500.0	17.60	95.8	490.4	1.24	10/30/2023
o-Xylene		10.0		525	500.0	71.20	90.8	522.0	0.57	10/30/2023
Toluene		20.0		475	500.0	30.30	88.9	469.9	1.00	10/30/2023
Xylenes, Total		20.0		1020	1000	88.80	93.3	1012	0.89	10/30/2023
Surr: 1,2-Dichloroethane-d4	*			472	500.0		94.4			10/30/2023
Surr: 4-Bromofluorobenzene	*			445	500.0		89.0			10/30/2023
Surr: Dibromofluoromethane	*			525	500.0		105.0			10/30/2023
Surr: Toluene-d8	*			472	500.0		94.3			10/30/2023

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

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

Batch 214133		SampType: MBLK		Units µg/L							
SampID: MBLK-AM231101A-1											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	*	0.5		ND						11/01/2023	
Bromoform	*	2.0		ND						11/01/2023	
Ethylbenzene	*	2.0		ND						11/01/2023	
m,p-Xylenes	*	2.0		ND						11/01/2023	
Methylene chloride	*	2.0		ND						11/01/2023	
Naphthalene	*	5.0		ND						11/01/2023	
o-Xylene	*	2.0		ND						11/01/2023	
Toluene	*	2.0		ND						11/01/2023	
trans-1,2-Dichloroethene	*	2.0		ND						11/01/2023	
Xylenes, Total	*	4.0		ND						11/01/2023	
Surr: 1,2-Dichloroethane-d4	*			46.9	50.00		93.9	80	120	11/01/2023	
Surr: 4-Bromofluorobenzene	*			44.8	50.00		89.5	80	120	11/01/2023	
Surr: Dibromofluoromethane	*			53.4	50.00		106.8	80	120	11/01/2023	
Surr: Toluene-d8	*			47.2	50.00		94.5	80	120	11/01/2023	

Batch 214133		SampType: LCS		Units µg/L						
SampID: LCS-AM231101A-1										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		52.2	50.00	0	104.4	80	121	11/01/2023
Bromoform	*	2.0		61.3	50.00	0	122.6	71.6	129	11/01/2023
Ethylbenzene	*	2.0		53.2	50.00	0	106.4	83.1	116	11/01/2023
m,p-Xylenes	*	2.0		107	100.0	0	106.8	83.2	117	11/01/2023
Methylene chloride	*	2.0		45.8	50.00	0	91.6	71.4	124	11/01/2023
Naphthalene	*	5.0		59.7	50.00	0	119.4	71.6	124	11/01/2023
o-Xylene	*	2.0		53.3	50.00	0	106.7	82.3	115	11/01/2023
Toluene	*	2.0		52.6	50.00	0	105.3	82.4	112	11/01/2023
trans-1,2-Dichloroethene	*	2.0		48.7	50.00	0	97.4	80.8	126	11/01/2023
Xylenes, Total	*	4.0		160	150.0	0	106.7	83	116	11/01/2023
Surr: 1,2-Dichloroethane-d4	*			45.8	50.00		91.6	80	120	11/01/2023
Surr: 4-Bromofluorobenzene	*			44.1	50.00		88.3	80	120	11/01/2023
Surr: Dibromofluoromethane	*			52.2	50.00		104.4	80	120	11/01/2023
Surr: Toluene-d8	*			48.2	50.00		96.4	80	120	11/01/2023

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

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

Batch 214133		SampType: LCSD		Units µg/L				RPD Limit: 20			Date Analyzed
SampID: LCSD-AM231101A-1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Benzene	*	0.5		45.6	50.00	0	91.2	52.19	13.52	11/01/2023	
Bromoform	*	2.0		51.9	50.00	0	103.8	61.31	16.60	11/01/2023	
Ethylbenzene	*	2.0		45.8	50.00	0	91.6	53.19	14.91	11/01/2023	
m,p-Xylenes	*	2.0		92.6	100.0	0	92.6	106.8	14.21	11/01/2023	
Methylene chloride	*	2.0		39.8	50.00	0	79.7	45.79	13.90	11/01/2023	
Naphthalene	*	5.0		50.6	50.00	0	101.2	59.68	16.51	11/01/2023	
o-Xylene	*	2.0		45.8	50.00	0	91.5	53.33	15.30	11/01/2023	
Toluene	*	2.0		45.4	50.00	0	90.8	52.63	14.75	11/01/2023	
trans-1,2-Dichloroethene	*	2.0		43.5	50.00	0	87.0	48.72	11.37	11/01/2023	
Xylenes, Total	*	4.0		138	150.0	0	92.2	160.1	14.57	11/01/2023	
Surr: 1,2-Dichloroethane-d4	*			46.1	50.00		92.3			11/01/2023	
Surr: 4-Bromofluorobenzene	*			44.4	50.00		88.8			11/01/2023	
Surr: Dibromofluoromethane	*			52.2	50.00		104.5			11/01/2023	
Surr: Toluene-d8	*			47.5	50.00		95.0			11/01/2023	



Receiving Check List

<http://www.teklabinc.com/>

Client: ERM

Work Order: 23102244

Client Project: Ameren Taylorville 4th Qtr 2023

Report Date: 10-Nov-23

Carrier: Caleb Lowell

Received By: HAW

Completed by:

On:

27-Oct-23

Amber Dilallo

Reviewed by:

On:

27-Oct-23

Ellie Hopkins

Pages to follow:

Chain of custody

3

Extra pages included

0

Shipping container/cooler in good condition?

Yes ☒

No ☐

Not Present ☐

Temp °C **6.2**

Type of thermal preservation?

None ☐

Ice ☒

Blue Ice ☐

Dry Ice ☐

Chain of custody present?

Yes ☒

No ☐

Chain of custody signed when relinquished and received?

Yes ☒

No ☐

Chain of custody agrees with sample labels?

Yes ☒

No ☐

Samples in proper container/bottle?

Yes ☒

No ☐

Sample containers intact?

Yes ☒

No ☐

Sufficient sample volume for indicated test?

Yes ☒

No ☐

All samples received within holding time?

Yes ☒

No ☐

Reported field parameters measured:

Field ☐

Lab ☐

NA ☒

Container/Temp Blank temperature in compliance?

Yes ☐

No ☒

When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.

Water – at least one vial per sample has zero headspace?

Yes ☐

No ☒

No VOA vials ☐

Water - TOX containers have zero headspace?

Yes ☐

No ☐

No TOX containers ☒

Water - pH acceptable upon receipt?

Yes ☒

No ☐

NA ☐

NPDES/CWA TCN interferences checked/treated in the field?

Yes ☐

No ☐

NA ☒

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

Headspace was present in the GW-05, GW-14, GW-16D, GW-18D, GW-19D and GW-22D volatile vials. Client was notified via work order summary. - JHR/amberdilallo/EAH - 10/27/2023 2:46:57 PM

Trip Blank collection date and time will be reported as the received date and time (end of trip). - amberdilallo - 10/27/2023 2:48:40 PM

The samples were out of temperature compliance upon receipt. Client was notified via work order summary. - ehopkinsk/EAH - 10/27/2023 3:00:04 PM

CHAIN OF CUSTODY

pg. 1 of 3 Work order # 23102244

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:	Michael Abegg	Phone:	
E-Mail:	michael.abegg@erm.com	Fax:	

Samples on:	☒ ICE	☐ BLUE ICE	☐ NO ICE	U. 2 °C	LTG# 3
Preserved in:	☐ LAB	☒ FIELD	FOR LAB USE ONLY		
Lab Notes:	* Head space				

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

Client Comments
 MS/MSD ON GW-15-W6-20231027
 * Head Space present gr

Project Name/Number	Sample Collector's Name
Ameren Taylorville 4th Qtr 2023	ABEGG / LOWELL

Results Requested	Billing Instructions	# and Type of Containers
☒ Standard ☐ 1-2 Day (100% Surcharge)		
☐ Other ☐ 3 Day (50% Surcharge)		

Lab Use Only	Sample Identification	Date/Time Sampled	UNP	HCI							
23102244-001	GW-04R-W6-20231025	10/27/23, 1045	1	2							
002	GW-05-W6-20231025	10/25/23, 1340	1	2							
003	GW-07-W6-20231027	10/27/23, 0925	1	2							
004	GW-14-W6-20231026	10/26/23, 1735	1	2							
005	GW-15-W6-20231027	10/27/23, 1000	1	2							
006	GW-16S-W6-20231025	10/25/23, 1610	1	2							
007	GW-16D-W6-20231025	10/25/23, 1545	1	2							
008	GW-17-W6-20231025	10/25/23, 1645	1	2							
009	GW-18S-W6-20231026	10/26/23, 1235	1	2							
010	GW-18D-W6-20231026	10/26/23, 1205	1	2							

MATRIX			INDICATE ANALYSIS REQUESTED															
Aqueous	Groundwater	Trip Blank	PAHs	VOCs														
	X		X	X														
	X		X	X														
	X		X	X														
	X		X	X														
	X		X	X														
	X		X	X														
	X		X	X														
	X		X	X														
	X		X	X														

Relinquished By	Date/Time	Received By	Date/Time
Cahill / J. Smith	10/27/23 ; 1336	Harsh Wu	10/27/23 1336

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: 84200



pg. 2 of 3 Work order # 23102244

Client:	ERM		
Address:	1968 Craig Road		
City / State / Zip	St. Louis, MO 63146		
Contact:	Michael Abegg	Phone:	
E-Mail:	michael.abegg@erm.com	Fax:	

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? If yes, include details of the hazard. ☐ 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		MATRIX		INDICATE ANALYSIS REQUESTED																			
Results Requested		Billing Instructions		# and Type of Containers		Aqueous	Groundwater	Trip Blank				PAHs	VOCs												
Lab Use Only	Sample Identification	Date/Time Sampled	UNP	HCI																					
☒ Standard ☐ 1-2 Day (100% Surcharge) ☐ Other _____ ☐ 3 Day (50% Surcharge)																									
23102244	GW-19S-W6-20231026	10/26/23; 1050	1	2		X						X	X												
012	GW-19D-W6-20231026	10/26/23; 0915	1	2		X						X	X												
013	GW-20-W6-20231026	10/26/23; 0750	1	2		X						X	X												
014	GW-21-W6-20231027	10/27/23; 1150	1	2		X						X	X												
015	GW-22S-W6-20231026	10/26/23; 1540	1	2		X						X	X												
016	GW-22D-W6-20231026	10/26/23; 1505	1	2		X						X	X												
017	Dup 4 - W6-20231026	10/26/23; —	1	2		X						X	X												
018	Field Blank 1 - W6-20231026	10/26/23; 750	1	2		X						X	X												
019	Trip Blank 1 - W6-20231025	10/25/23; 0800		2			X						X												
020	Trip Blank 2 - W6-20231027	10/27/23; 1015		2			X						X												
Relinquished By		Date/Time		Received By								Date/Time													
Caleb Smith		10/27/23; 1336		Hannah Wa								10/27/23 1336													



CHAIN OF CUSTODY

pg. 3 of 3 Work order # 23102244

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: Michael Abegg Phone: _____ E-Mail: michael.abegg@erm.com Fax: _____	Samples on: ☒ ICE ☐ BLUE ICE ☐ NO ICE <u>6.2 °C</u> LTG# <u>3</u> 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? If yes, include details of the hazard. ☐ 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		MATRIX		INDICATE ANALYSIS REQUESTED																			
Results Requested		Billing Instructions		# and Type of Containers		Aqueous	Groundwater	Trip Blank	PAHs	VOCs															
Standard	1-2 Day (100% Surcharge)	Other	3 Day (50% Surcharge)	UNP	HCI																				
Ameren Taylorville 4th Qtr 2023		ABEGG / LOWELL																							
☒	Standard																								
☐	Other																								
Lab Use Only		Sample Identification		Date/Time Sampled																					
		Trip Blank 3 - (N/A)						X		X															
		Trip Blank 4 - (N/A)						X		X															
021		Dup 2 - WG - 20231027		10/27/23; -		1	2	X		X	X														
022		GW-25 - WG - 20231026		10/26/23; 1335		1	2	X		X	X														
023		GW-26 - WG - 20231026		10/26/23; 1625		1	2	X		X	X														

Relinquished By	Date/Time	Received By	Date/Time
<i>Lowell</i>	10/27/23 ; 1336	<i>Hard Wa</i>	10/27/23 1334

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: 84200



**ATTACHMENT B SUMMARY OF HISTORICAL ANALYTICAL RESULTS:
2015 - OCTOBER 2023**

Attachment B
Summary of Analytical Results
2015 - October 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	Result 2/14/2017	Result 5/16/2017	Result 8/16/2017
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 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	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	---	---	---	---	---	< 0.002	0.0013 J
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 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	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	0.00012 J
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 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 - October 2023
Ameren Taylorville, IL MGP Site

GW-01 Analyte	Unit	Remediation Objective (RO)	Result 11/22/2017	Result (DUP) 11/22/2017	Result 2/15/2018	Result (DUP) 2/15/2018	Result 5/10/2018	Result (DUP) 5/10/2018	Result 8/14/2018	Result (DUP) 8/14/2018	Result 11/8/2018	Result (DUP) 11/8/2018	Result 2/19/2019
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.006	< 0.006	0.0017	JSR	< 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	S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	---	---	---	---	---	---	---
Fluoranthene	mg/L	0.28	< 0.0001	B	< 0.0001	B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0001	B	0.000156	B	< 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	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	< 2	B	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 1	< 1	< 1	< 1	< 1	< 1	B	< 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 - October 2023
Ameren Taylorville, IL MGP Site

GW-01 Analyte	Unit	Remediation Objective (RO)	Result 5/7/2019	Result 8/14/2019	Result 11/13/2019	Result 2/19/2020	Result 5/14/2020	Result 8/13/2020	Result 11/11/2020	Result 2/24/2021	Result 5/13/2021	Result 8/11/2021	Result 11/9/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	NA	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	NA	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	0.000088 J	< 0.0001	< 0.0001 B	< 0.000222	< 0.0003	< 0.0003	< 0.0003	NA	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	NA	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	NA	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	0.00006 J	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	NA	0.000074 J	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000148	< 0.0002	< 0.0002	< 0.0002	NA	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	NA	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 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	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	NA	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0002	NA	< 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	NA	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000222	< 0.0003	< 0.0003	< 0.0003	NA	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000148	< 0.0002	< 0.0002	< 0.0002	NA	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001 B	< 0.000074	< 0.0001	< 0.0001	< 0.0002	NA	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01	NA	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01	NA	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	0.000891	< 0.0002	< 0.0002	< 0.000296	< 0.0004	< 0.0004	< 0.0004	NA	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000444	< 0.0006	< 0.0006	0.000697	NA	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002 B	< 0.000148	< 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	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.37 J
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 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 - October 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 - October 2023
Ameren Taylorville, IL MGP Site

GW-02		Remediation	Result	Result	Result	Result	Result	Result	Result	Result	Result
Analyte	Unit	Objective (RO)	3/4/2015	5/12/2015	8/18/2015	11/3/2015	2/17/2016	5/25/2016	8/17/2016	11/15/2016	2/16/2017
Acenaphthene	mg/L	0.42	0.0081 J	0.00053 J	< 0.01	0.0213	0.004 J	< 0.01	< 0.01	0.00019 J	0.0053 J
Acenaphthylene	mg/L	-	0.004 J	0.00065 J	0.0001 J	0.0163	0.0056 J	0.0004 J	0.00011 J	0.0019 J	0.0087 J
Anthracene	mg/L	2.1	0.00035 J	0.00019 J	0.00018 J	0.00036 J	0.00026 J	0.00029 J	0.00026 J	0.00025 J	0.00036 J
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00006 J
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.00401	0.0472	0.00442	0.0021	0.0017 J	---	---	---	---
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	0.00013 J	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	0.00039 J	< 0.0021	< 0.0021	0.0001 J	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	0.00015 B	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	0.00012 J	< 0.0064	0.00023 J	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	0.00013 J	0.00011 J	< 0.0027	< 0.0027	0.00009 J	0.00009 J
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	5.44	< 0.6	1.53	1.53	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

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

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

GW-02 Analyte	Unit	Remediation Objective (RO)	Result 5/16/2017	Result 8/18/2017	Result 11/21/2017	Result 2/15/2018	Result 5/9/2018	Result 8/14/2018	Result 2/20/2019	Result 5/8/2019	Result (DUP) 5/8/2019
Acenaphthene	mg/L	0.42	0.0089 J	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	0.0103	0.00048 J	0.000323	0.000062 J	0.000791	0.000065 J	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	0.0012 J	0.00057 J	0.000329	0.000348	0.000273	0.000239	0.000243	0.000134	0.000113
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000056 J	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000059 J	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.00229	0.00746	< 0.008	0.0018 J	< 0.002	0.00615	0.0108	0.00416	0.00756
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00006 J	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	---	---	---	---	---	---	---
Fluoranthene	mg/L	0.28	0.00022 J	0.00019 J	0.000118	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	0.00099 J	0.00012 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	0.00057	< 0.0002
Phenanthrene	mg/L	-	0.0018 J	< 0.0064	< 0.0001	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	0.00029 J	0.00022 J	0.000151	0.000155	0.000159	0.00012	0.00013 BJ	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	1.21	< 0.6	< 0.1	< 2	< 2	< 2	< 2	1.5 J	< 2
o-Xylene	µg/L	-	< 2	< 2	< 1	< 1	< 1	< 1	< 1	0.11 J	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 2	< 2

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

Attachment B
Summary of Analytical Results
2015 - October 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	Result (DUP) 11/11/2020	Result 2/24/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	0.000085 J	0.00017	0.000165	< 0.0001 B	< 0.000254	< 0.000254	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 0.0001	< 0.0001	< 0.0001	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000169	< 0.000169	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.0377	0.00335	0.00349	0.00726	< 0.00169 C	< 0.00169 C	0.0225 C	< 0.002 C	< 0.002 C	0.00364 C
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 0.0001	< 0.0001	< 0.0001	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.00847	< 0.00847	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000254	< 0.000254	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000169	< 0.000169	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001 B	< 0.000085	< 0.000085	< 0.0001	< 0.0001	< 0.0001	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.00847	< 0.00847	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.00847	< 0.00847	< 0.01	< 0.0004	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	0.000268	< 0.0002	< 0.000339	< 0.000339	< 0.0004	< 0.01	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000508	< 0.000508	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	0.00014 J	0.00012	< 0.0002 B	< 0.000169	< 0.000169	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	1.6 J	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2 B	< 2 B
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2

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

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

GW-02 Analyte	Unit	Remediation Objective (RO)	Result 5/13/2021	Result 8/11/2021	Result 11/9/2021	Result 2/16/2022	Result 5/10/2022	Result 9/8/2022	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	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00008 J	0.00171 H
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00043	0.0036 H
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.000269	< 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	< 0.00009	< 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	< 0.000179	< 0.0002 H
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	0.000074 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.00009	< 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	< 0.000179	< 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	< 0.00009	< 0.0001 H
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.00206	0.0195	< 0.002 B	< 0.002	< 0.002	0.0108 S	< 0.002	< 0.002	0.00431	< 0.002 H
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.00009	< 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	< 0.000179	< 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	< 0.00896	< 0.01 H
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.000269	< 0.0003 H
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	0.000325	0.00016 JH
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	< 0.000179	< 0.0002 H
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.00896	< 0.01 H
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.00896	< 0.0004 H
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	0.00448	< 0.01 H
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.000537	< 0.0006 H
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000179	< 0.0002 H
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	1.23	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.53 J	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	0.35 J	< 1	< 1	< 1	< 1	< 1	0.36 J	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	< 2	0.47 J	0.46 BJ	7.22	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1.21	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	0.15 J	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	0.35 J	< 2	< 2	< 2	< 2	< 2	1.6 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 - October 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	Result (DUP) 8/17/2016	Result 11/15/2016
Acenaphthene	mg/L	0.42	< 0.01	0.00042 J	0.00037 J	0.00012 J	0.00016 J	0.00041 J	0.00091 J	0.00079 J	0.001 J	0.00051 J
Acenaphthylene	mg/L	-	0.00036 J	0.0021 J	0.0017 J	0.00057 J	0.0009 J	0.002 J	0.0045 J	0.0033 J	0.0044 J	0.0024 J
Anthracene	mg/L	2.1	0.0001 J	0.00011 J	0.0001 J	0.00011 J	0.00012 J	0.00011 J	< 0.0066	0.00013 J	0.00013 J	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00007 J	0.00006 J	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	0.00433	0.00502	0.0014 J	0.00248	0.0011 J	---	---	---	---
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	0.00062 J	0.00064 J	0.00073 J	0.00094 J	0.00098 J	0.0011 J	0.00048 J	0.001 J	0.00095 J	0.0011 J
Fluorene	mg/L	0.28	0.0001 J	0.00036 J	0.00043 J	0.00015 J	0.00019 J	0.0004 J	0.001 J	0.0009 J	0.0011 J	0.0006 J
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	0.00016 B	0.00039	0.00015	< 0.0001	< 0.0001	< 0.0001	---	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	0.00015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	0.00011 J	0.00016 J	< 0.0064	0.00011 J	0.00011 J	0.00014 J	0.00022 J	0.00032 J	0.00038 J	0.0003 J
Pyrene	mg/L	0.21	0.00073 J	0.00078 J	0.00095 J	0.0012 J	0.0013 J	0.0014 J	0.0007 J	0.0016 J	0.0015 J	0.0017 J
Benzene	µg/L	5.0	2.34	14.4	22.8	2.16	2 J	16.8	34.6	15.7	14.5	6.65
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 10	< 2	< 2	< 2
Ethylbenzene	µg/L	700	0.29 J	7.44	4.89	0.46 J	0.58 J	4.46	11.6	6.24	5.39	0.76 J
m,p-Xylenes	µg/L	-	3.3 J	66.5	70	1.1 J	1.3 J	41.4	103	34.1	30.7	4.22
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	1.7 B	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	50.6	216	334	20.5	20.5	302	921	439	474	195
o-Xylene	µg/L	-	3.62	41.4	48.1	1.8 J	2.11	45.6	95.3	36.7	33.3	9
Toluene	µg/L	1000	0.66 J	14	8.28	0.31 J	0.37 J	7.98	20.8	7.68	6.74	0.83 J
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 25	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	6.91	108	118	3 J	3.4 J	87	198	70.8	64.1	13.2

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 - October 2023
Ameren Taylorville, IL MGP Site

GW-03 Analyte	Unit	Remediation Objective (RO)	Result 2/16/2017	Result (DUP) 2/16/2017	Result 5/16/2017	Result (DUP) 5/16/2017	Result 8/18/2017	Result 11/21/2017	Result 2/15/2018	Result 5/9/2018	Result 8/14/2018	Result 11/7/2018
Acenaphthene	mg/L	0.42	0.00022 J	0.0002 J	0.00068 J	0.00064 J	0.00027 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	0.00084 J	0.00085 J	0.0028 J	0.0033 J	0.0015 J	0.000147	0.000072 J	0.000065 J	0.000143	0.000083 J
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	0.00019 J	0.00022 J	0.00016 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	0.00007 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000055 J	0.000096 J
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000072 J
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00005 J	0.000101
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	0.000051 J
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	---	0.0018 J	0.0021	0.0107	< 0.006	0.00892	0.00306	< 0.002	0.00266
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000076 J
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---	---	---	---	---
Fluoranthene	mg/L	0.28	0.0011 J	0.001 J	0.0019 J	0.0021 J	0.00225	0.00162	0.000884	0.00109	0.00103	0.000901
Fluorene	mg/L	0.28	0.0003 J	0.00035 J	0.001 J	0.0013 J	0.00059 J	0.000122	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	0.00012 J	0.00082 J	0.00081 J	< 0.0064	0.000154	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	0.0017 J	0.0016 J	0.00284	0.00325	0.00359	0.00279	0.00034	0.00124	0.00155	0.00118
Benzene	µg/L	5.0	4.52	4.92	18.7	20.8	4.99	0.75	< 0.5	2.55	0.16 J	0.41 J
Bromoform	µg/L	1.0	< 2	< 2	< 10	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	0.3 J	0.32 J	11.8	14.3	0.72 J	< 1	< 1	0.2 J	< 1	< 1
m,p-Xylenes	µg/L	-	0.53 J	0.55 J	51.8	63.8	2.5 J	< 1	0.3 J	2.27	< 1	0.31 J
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 1	< 0.2	< 0.2	< 0.5	0.33 J	< 2	< 2	< 2
Naphthalene	µg/L	140	22.2	23.6	554	370	67.7	1.05	< 2	8.12	< 2	1.8 J
o-Xylene	µg/L	-	4.12	4.31	54.6	64.5	6.13	< 1	0.31 J	3.45	0.13 J	1.02
Toluene	µg/L	1000	< 2	< 2	21.6	26.8	0.92 J	< 2	0.47 J	0.54 J	0.16 J	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 25	< 5	< 5	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	4.65	4.86	106	128	8.6	< 1	0.61 J	5.72	< 1	1.33

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 - October 2023
Ameren Taylorville, IL MGP Site

GW-03 Analyte	Unit	Remediation Objective (RO)	Result 2/20/2019	Result 5/8/2019	Result 8/13/2019	Result 11/14/2019	Result 2/19/2020	Result 5/12/2020	Result 8/14/2020	Result 11/10/2020	Result 2/24/2021	Result (DUP) 2/24/2021
Acenaphthene	mg/L	0.42	< 0.0001	0.000624	0.000792	0.00122	0.000844	0.00117	0.00139	0.000473	0.00078	0.000795
Acenaphthylene	mg/L	-	0.00018	0.00247	0.00229	0.00563	0.00292	0.0042 J	0.00501	0.00183	0.00346	0.00309
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	0.000163	0.00013	0.000154	0.00017 J	< 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	< 0.000082	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	0.00006 J	< 0.0001	< 0.0001	< 0.000082	< 0.0001	< 0.0001	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	0.000133	< 0.0001	< 0.0001	< 0.000082	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0002	0.00018 J	< 0.0002	< 0.0002	< 0.000164	< 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	< 0.000082	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	0.00655	0.00207	< 0.05	0.0109	< 0.00164 C	0.0461 C	< 0.002 C	0.00316	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000082	< 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	< 0.000082	< 0.0001	< 0.0001	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	---	---	< 0.01	< 0.01	< 0.01	< 0.0082	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	0.000626	0.00089	0.000664	0.00101	0.000421	0.000306	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	0.000828	0.00113	0.00244	0.00186	0.00274	0.00314	0.0012	0.00228	0.00235
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	0.00031	< 0.0001	0.000081 J	< 0.000082	0.000071 J	< 0.0001	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	---	---	0.00057 J	< 0.01	< 0.01	< 0.0082	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	---	0.00094 J	< 0.01	< 0.01	< 0.0082	< 0.01	< 0.0100	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	0.542	0.00132	0.597	0.153	0.521	0.587	0.128	0.239	0.181
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	0.000653	0.000613	0.000971	0.0011	0.000605	0.001080	0.000925
Pyrene	mg/L	0.21	0.000953 B	0.00155	0.00109	0.00183	0.000819	0.000661	0.000298	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	3.71	43.9	30.2	10.8	24	50.1	47.1	16.2	23.6	22.8
Bromoform	µg/L	1.0	< 2	< 2	< 20	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	0.14 J	23.8	7.3 J	3.81	12.7	42.6	40.5	21.6	32.4	31.6
m,p-Xylenes	µg/L	-	2.65	124	83.1	22.8	41.6	135	76	9.33	25.8	25.5
Methylene chloride	µg/L	5.0	< 2	< 2	< 20	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	26.9	606	1020	674	654	1000	842	924	421	425
o-Xylene	µg/L	-	5.56	112	86.8	28.6	52.2	124	107	31	41.7	40.7
Toluene	µg/L	1000	0.29 J	43.4	11 J	2.68	6.2	21.8	11.5	2.34	5.63	5.52
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 20	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	8.21	237	170	51.3	93.9	259	183	40.4	67.5	66.2

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 - October 2023
Ameren Taylorville, IL MGP Site

GW-03 Analyte	Unit	Remediation Objective (RO)	Result 5/13/2021	Result 8/11/2021	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	0.000597	0.000938	0.000681	0.00064	0.00114	0.000699	0.000717	0.000207	0.00243	0.000196 H
Acenaphthylene	mg/L	-	0.00245	0.00292	0.00242	0.00245	0.00419	0.00275	0.00276	0.00093	0.00427	0.000914 H
Anthracene	mg/L	2.1	< 0.0003	0.00024 J	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	< 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	< 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	< 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	< 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	< 0.0001	< 0.0001 H
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.0018 J	< 0.002	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	< 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	< 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	< 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	< 0.0003	< 0.0003 S	< 0.0003	< 0.0003 H
Fluorene	mg/L	0.28	0.00159	0.00262	0.00178	0.00175	0.0029	0.00188	0.00184	0.000851	< 0.0002	0.000606 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 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	< 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	< 0.01	< 0.01	0.0128 H
Naphthalene	mg/L	0.14	0.202 S	0.157	0.129	0.0873	0.329 S	0.114	0.133	0.0112 S	0.0004 J	< 0.01 H
Phenanthrene	mg/L	-	0.000769	0.00127	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	< 0.0002	< 0.0002 S	< 0.0002	< 0.0002 H
Benzene	µg/L	5.0	10.4	24.2	11.2	13.3	24.6	8.58	11	2.46 S	< 0.5	5.6
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 20	< 2	< 2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	12.5	37.9	13.2	15.9	27.7	9.77	15	0.4 JS	< 1	3.95
m,p-Xylenes	µg/L	-	6.19	16.4	3.16	3.42	31.9	1.57	2.01	0.32 JS	< 1	2.5
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 20	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	285 E	511	224	161	375	143	192	13.3	0.54 J	37.8
o-Xylene	µg/L	-	15.7	38	13.8	12.5	40.2	8.35	11	1.51 S	< 1	6.58
Toluene	µg/L	1000	1.3 J	4.37	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	< 2	< 2	< 20	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	21.9	54.4	17	15.9	72.1	9.92	13	1.8 JS	< 2	9.08

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

Attachment B
Summary of Analytical Results
2015 - October 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	Result 2/15/2017	Result 5/16/2017
Acenaphthene	mg/L	0.42	0.0011 J	0.002 J	0.0037 J	0.0027 J	0.0036 J	0.003 J	0.0043 J	0.0062 J	0.0054 J	0.0045 J
Acenaphthylene	mg/L	-	0.0049 J	0.0044 J	0.0073 J	0.0052 J	0.0061 J	0.0069 J	0.0095 J	0.0074 J	0.0053 J	0.0037 J
Anthracene	mg/L	2.1	0.0029 J	0.0011 J	0.0015 J	0.0015 J	0.0012 J	0.00081 J	0.00093 J	0.0012 J	0.0016 J	0.001 J
Benzo(a)anthracene	mg/L	0.00013	0.00022	0.00014	0.00024	0.00013	0.00016	0.0001 J	0.00012	0.00016	0.00017	0.000121
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	0.00012	0.00012	0.00025	< 0.0001	0.0001	0.00011	< 0.0001	0.00014	0.00012	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	---	---	---	---	< 0.002
Chrysene	mg/L	0.0015	0.00031	0.0004	0.00084	0.00016	0.0003	0.00022	0.0002	0.00048	0.00028	0.000207
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	0.0018 J	0.00242	0.00402	0.0018 J	0.00261	0.0018 J	0.00228	0.00357	0.00237	0.0018 J
Fluorene	mg/L	0.28	0.02	0.0239	0.0461	0.035	0.0396	0.0384	0.0467	0.0559	0.0447	0.0294
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	0.00325	0.012	0.0111	0.00118	0.00569	---	---	---	---	---
o-Cresol	mg/L	0.35	0.0244	0.0241	0.0149	0.00553	0.013	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	0.0157	0.023	0.0338	0.0271	0.0197	0.0236	0.0283	0.0442	0.0313	0.0198
Pyrene	mg/L	0.21	0.00085 J	0.0012 J	0.0018 J	0.00083 J	0.00098 J	0.00071 J	0.00097 J	0.0016 J	0.0012 J	0.00084 J
Benzene	µg/L	5.0	1270	1380	400	947	526	1110	547	519	1680	1750
Bromoform	µg/L	1.0	< 20	< 20	< 20	< 20	< 20	< 40	< 40	< 2	< 100	< 100
Ethylbenzene	µg/L	700	137	148	122	156	154	191	139	169	200	260
m,p-Xylenes	µg/L	-	75.7	101	68.9	79.3	81	144	108	124	200 J	170 J
Methylene chloride	µg/L	5.0	< 2	2.6	2.2	< 2	3.2	33.8 B	7.2	0.2	< 10	< 10
Naphthalene	µg/L	140	1350	1500	3140	2050	2480	2330	3390	2240	1960	2120
o-Xylene	µg/L	-	125	130	122	131	132	139	122	147	169	183
Toluene	µg/L	1000	138	191	131	219	165	518	301	249	553	316
trans-1,2-Dichloroethene	µg/L	100	< 50	< 50	< 50	< 50	< 50	< 100	< 100	< 5	< 250	< 250
Xylenes, Total	µg/L	10000	200	231	191	210	213	282	230	271	368	352

Notes:
B = Analyte detected in associated method blank
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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 - October 2023
Ameren Taylorville, IL MGP Site

GW-04 Analyte	Unit	Remediation Objective (RO)	Result 8/17/2017	Result 11/22/2017	Result 2/15/2018	Result 5/8/2018	Result 8/14/2018	Result 11/7/2018	Result (DUP) 11/7/2018	Result 2/20/2019	Result 5/8/2019	Result 8/14/2019
Acenaphthene	mg/L	0.42	0.00789	0.00727	0.00737	0.0077	0.0139	0.0109	0.0108	0.0252	0.0165	0.0161
Acenaphthylene	mg/L	-	0.00633	0.00302	0.00178	0.00337	0.00913	0.0047	0.00445	0.0073 J	0.00597	0.0049
Anthracene	mg/L	2.1	0.0013 J	0.000558	0.000714	0.000411	0.00108	< 0.0025	0.0018 J	0.00106	0.000475	0.000814
Benzo(a)anthracene	mg/L	0.00013	0.000164	0.00017	0.00022	0.000117	0.00018	< 0.0025	< 0.0025	0.000147	0.000108	0.000185
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0025	< 0.0025	< 0.0001	< 0.0001	0.000085 J
Benzo(b)fluoranthene	mg/L	0.00018	0.00011	0.000168	0.000215	0.000106	0.000162	< 0.0025	< 0.0025	0.000164	0.000087 J	0.000191
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.0001	0.000071 J	< 0.0001	0.000052 J	< 0.0025	< 0.0025	0.00005 J	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	0.00006 J	< 0.0001	< 0.0001	< 0.0025	< 0.0025	0.000052 J	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.0017 J	< 0.006	< 0.002	< 0.002	< 0.002	< 0.05	< 0.05	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	0.000288	0.000515	0.000732	0.000384	0.000554	< 0.0025	< 0.0025	0.000419	0.000317	0.000353
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0025	< 0.0025	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	---	---	---	---	---	---	---	---	< 0.01
Fluoranthene	mg/L	0.28	0.00404	0.00385	0.00305	0.00337	0.00392	< 0.005	< 0.005	0.00308	0.00283	0.00287
Fluorene	mg/L	0.28	0.0513	0.039	0.0466	0.0374	0.0644	0.0505	0.0507	0.0837	0.0519	0.0495
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	0.000106	0.00008 J	< 0.0001	0.000084 J	< 0.0025	< 0.0025	< 0.0001	< 0.0001	0.000178
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---	< 1
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---	< 1
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	1.14	1.59
Phenanthrene	mg/L	-	0.0453	0.0398	0.0247	0.0355	0.0513	0.0447	0.045	0.0734	0.0406	0.0406
Pyrene	mg/L	0.21	0.0021 J	0.00181	0.00156	0.00168	0.00187	< 0.005	< 0.005	0.0014 B	0.00128	0.0014
Benzene	µg/L	5.0	599	565	355	979	630	958	871	1300	753	590
Bromoform	µg/L	1.0	< 100	< 100	< 20	< 20	< 40	< 200	< 200	< 2	< 2	< 40
Ethylbenzene	µg/L	700	145	128	70.9	103	132	182	177	223	203	187
m,p-Xylenes	µg/L	-	140 J	102	64.8	110	146	173	155	276	247	149
Methylene chloride	µg/L	5.0	< 10	50.5	< 5	< 20	< 40	< 200	< 200	< 2	< 2	< 40
Naphthalene	µg/L	140	2220	1790	1440	2670 E	3970	3680	3690	4580	4190	3740
o-Xylene	µg/L	-	131	104	59.7	94.5	132	151	139	185	167	121
Toluene	µg/L	1000	284	264	140	316	267	297	281	728	537	308
trans-1,2-Dichloroethene	µg/L	100	< 250	< 100	< 20	< 20	< 40	< 200	< 200	< 2	< 2	< 40
Xylenes, Total	µg/L	10000	276	206	124	205	278	324	294	461	414	270

Notes:
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 - October 2023
Ameren Taylorville, IL MGP Site

GW-04 Analyte	Unit	Remediation Objective (RO)	Result (DUP) 8/14/2019	Result 11/13/2019	Result (DUP) 11/13/2019	Result 2/18/2020	Result 5/13/2020	Result 8/13/2020	Result 11/10/2020	Result 2/24/2021	Result 5/13/2021	Result (DUP) 5/13/2021
Acenaphthene	mg/L	0.42	0.0148	0.0251	0.0226	0.0133	0.0212	0.0284	0.0148	0.0175	0.026	0.026
Acenaphthylene	mg/L	-	0.00482	0.00739	0.0056 J	0.00336	< 0.000075	0.00407	0.00144	0.00147	0.00229	0.00303
Anthracene	mg/L	2.1	0.000711	0.00173	0.00146	0.000775	< 0.000226	0.000868	0.000536	0.000792	0.000654	0.00109
Benzo(a)anthracene	mg/L	0.00013	0.000131	0.000278	0.000302	0.000102	0.000086	0.000113	0.000142	0.000133	0.000186	0.000261
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.01	0.000061 J	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	0.000132	< 0.01	0.000315	0.0001	0.000059 J	< 0.0001	0.000139	0.000120	0.000229	0.000376
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.02	0.00017 J	< 0.0002	< 0.00015	< 0.0002	0.00005 J	< 0.00020	< 0.00020	0.00019 J
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.01	0.000093 J	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0001	0.000077 J	0.000124
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.0015 C	< 0.002 C	< 0.002 C	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	0.000322	0.000795	0.000912	0.000284	0.000235	0.000313	0.000401	0.000334	0.000493	0.000747
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.01	0.000062 J	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	0.002 J	< 0.01	< 0.00752	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	0.00278	0.00616	< 0.02	0.00349	0.00315	0.00366	0.00265	0.0029	0.00334	0.0045
Fluorene	mg/L	0.28	0.0434	0.0857	0.0788	0.0464	0.0694	0.0777	0.0399	0.0607	0.0733	0.0735
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	0.000102	< 0.01	0.000166	0.000092 J	< 0.000075	0.000073 J	< 0.0001	< 0.0002	< 0.0002	0.00018 J
m,p-Cresol	mg/L	-	< 1	< 0.01	< 1	< 1	0.0017 J	0.0081 J	0.00075 J	0.0086 J	0.0164	0.022
o-Cresol	mg/L	0.35	< 1	< 0.01	< 1	< 1	< 0.752	0.0161	< 0.0100	0.0123	0.0209	0.0244
Naphthalene	mg/L	0.14	3.23	2.53	2.99	1.37	1.69	1.89	1.50	1.53	1.82	1.86
Phenanthrene	mg/L	-	< 0.04	0.079	0.0674	0.0422	0.0537	0.0681	0.0383	0.0576	0.0674	0.0647
Pyrene	mg/L	0.21	0.0013	0.00261	0.00308	0.00161	0.00141	0.00176	0.00143	0.00149	0.00143	0.00219
Benzene	µg/L	5.0	618	495	506	535 S	739	450	399	632	341	775
Bromoform	µg/L	1.0	< 40	< 2	< 2	< 2	< 20	< 2	< 2	< 2	< 100	< 20
Ethylbenzene	µg/L	700	195	190	187	173	246	200	180	155	104	216
m,p-Xylenes	µg/L	-	156	156	157	159	204	192	168	165	80.5	158
Methylene chloride	µg/L	5.0	< 40	< 2	< 2	< 2	< 20	< 2	< 2	< 2	< 100	< 20
Naphthalene	µg/L	140	4050	3710	3790	3570	5560	4700 E	4130	2790	1510	3150
o-Xylene	µg/L	-	125	124	130	115	154	135	192	140	67	137
Toluene	µg/L	1000	324	244	243	312 S	579	407	125	208	184	409
trans-1,2-Dichloroethene	µg/L	100	< 40	< 2	< 2	< 2	< 20	< 2	< 2	< 2	< 100	< 20
Xylenes, Total	µg/L	10000	281	280	287	274	358	327	359	304	148	295

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

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

GW-04 Analyte	Unit	Remediation Objective (RO)	Result 8/12/2021	Result - DUP 8/12/2021	Result 11/9/2021	Result 2/17/2022	Result - DUP 2/17/2022	Result 5/12/2022	Result - DUP 5/12/2022	Result 9/8/2022	Result 11/30/2022	Result 2/15/2023
Acenaphthene	mg/L	0.42	0.022	0.0239	0.0274	0.0316	0.0348	0.0339	0.0437	0.0404	0.00135	0.0348
Acenaphthylene	mg/L	-	0.00618	0.00584	0.00531	0.00244	0.0029	0.00893	0.0101	0.00446	0.00447	0.00218
Anthracene	mg/L	2.1	0.000745	0.000691	0.00093	0.0012	0.000864	< 0.0003	< 0.0003	0.000749	0.00241	0.000925
Benzo(a)anthracene	mg/L	0.00013	0.000158	0.000173	0.000214	0.000104	0.000085 J	< 0.0001	0.000115	0.00009 J	0.00194	0.00015
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	0.00012 J	< 0.0002	0.00017 J	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	0.000125	0.000192	0.000226	< 0.0001	0.000084 J	< 0.0001	0.000128	< 0.0001	0.00252	0.000101
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	0.000544	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	0.00007 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000697	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002 B	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	0.002 J	< 0.002
Chrysene	mg/L	0.0015	0.000491	0.000501	0.000754	0.0002	0.000196	0.00013	0.00022	0.000241	0.00674	0.000513
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	0.000256	< 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	< 0.01
Fluoranthene	mg/L	0.28	0.00379	0.00404	0.00397	0.00375	0.00357	0.00289	0.00383	0.00414	0.021	0.00489
Fluorene	mg/L	0.28	0.0689	0.0776	0.07	0.0906	0.0765	0.0847	0.104	0.0853	0.0841	0.08
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	0.000588	< 0.0002
m,p-Cresol	mg/L	-	0.007 J	0.0083 J	< 0.01	0.0023 J	0.0018 J	0.0046 J	0.0068 J	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	0.0095 J	0.0074 J	< 0.01	0.0059 J	0.0035 J	0.058 J	0.008 J	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	1.62	1.75	2.43	1.82	1.82 J	2.77	3.54	2.8	1.5	1.83
Phenanthrene	mg/L	-	0.0562	0.0609	0.0542	0.0801	0.075	0.0715	0.0888	0.0799	0.142	0.0722
Pyrene	mg/L	0.21	0.00184	0.00184	0.0019	0.00177	0.00174	0.00131	0.00184	0.00176	0.0124	0.00208
Benzene	µg/L	5.0	652	658	798	1150	1180	1100	1070	670	895	609
Bromoform	µg/L	1.0	< 100	< 2	< 200	< 2	< 2	< 100	< 100	< 20	< 2	< 10
Ethylbenzene	µg/L	700	235	243	331	476	500	312	330	249	304	250
m,p-Xylenes	µg/L	-	135	146	166	108	104	225	229	112	56.6	63.5
Methylene chloride	µg/L	5.0	< 100	< 2	< 200	< 2	< 2	< 100	< 100	< 20	< 20	< 100
Naphthalene	µg/L	140	3020	3020	3520	2530	2620	3550	3350	3540	2340	2380
o-Xylene	µg/L	-	108	118	178	241	244	176	184	157	187	136
Toluene	µg/L	1000	256	255	216	90.5	94.6	338	357	104	100	72 J
trans-1,2-Dichloroethene	µg/L	100	< 100	< 2	< 200	< 2	< 2	< 100	< 100	< 20	< 20	< 100
Xylenes, Total	µg/L	10000	243	265	344	350	347	400	412	269	243	199

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 - October 2023
Ameren Taylorville, IL MGP Site

GW-04		Remediation	Result - DUP-003	Result	Result - DUP	Result	Result - DUP	Result	Result - DUP				
Analyte	Unit	Objective (RO)	2/15/2023	5/18/2023	5/18/2023	9/13/2023	9/13/2023	10/27/2023	10/27/2023				
Acenaphthene	mg/L	0.42	0.0334	0.0190	H	0.0241	H	0.0290	0.0299	0.0330	0.0373		
Acenaphthylene	mg/L	-	0.00195	0.000868	H	0.00117	H	0.00144	0.00154	0.00163	0.00183		
Anthracene	mg/L	2.1	0.000616	0.000346	H	0.000476	H	0.000854	0.000802	0.00092	0.00135		
Benzo(a)anthracene	mg/L	0.00013	0.000109	< 0.0001	H	0.000072	JH	0.000096	J	0.000570	0.000620		
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	H	< 0.0002	H	< 0.0002	< 0.0002	< 0.0002	< 0.0002		
Benzo(b)fluoranthene	mg/L	0.00018	0.00007	J	< 0.0001	H	< 0.0001	H	< 0.0001	0.000557	0.000591		
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	H	< 0.0002	H	< 0.0002	< 0.0002	< 0.0002	< 0.0002		
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	H	< 0.0001	H	< 0.0001	< 0.0001	0.000116	0.000139		
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	H	< 0.002	H	< 0.002	< 0.002	< 0.002	< 0.002		
Chrysene	mg/L	0.0015	0.000385	0.00021	H	0.00017	H	0.000209	0.000187	0.00217	0.00233		
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	H	< 0.0002	H	< 0.0002	< 0.0002	< 0.0002	< 0.0002		
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	H	< 0.01	H	< 0.01	< 0.01	< 0.01	< 0.01		
Fluoranthene	mg/L	0.28	0.00457	0.00257	H	0.00276	H	0.00460	0.00444	0.00893	< 0.015		
Fluorene	mg/L	0.28	0.0801	0.0397	H	0.0537	H	0.0616	0.0538	0.0573	0.0802		
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	H	< 0.0002	H	< 0.0002	< 0.0002	< 0.0002	< 0.0002		
m,p-Cresol	mg/L	-	< 0.01	< 0.01	H	< 0.01	H	< 0.01	< 0.01	0.00079	J	0.001	J
o-Cresol	mg/L	0.35	< 0.01	< 0.0004	H	0.398	H	0.410	0.446	0.343	0.414		
Naphthalene	mg/L	0.14	1.86	0.00090	JH	0.00098	JH	< 0.01	< 0.01	< 0.01	0.001	J	
Phenanthrene	mg/L	-	0.0735	0.0148	H	0.0461	H	0.0694	< 0.15	0.0669	0.0915		
Pyrene	mg/L	0.21	0.00203	0.000948	H	0.00102	H	0.00225	0.00227	0.00411	0.00465		
Benzene	µg/L	5.0	612	341		364		235	241	346	392		
Bromoform	µg/L	1.0	< 0.2	< 2		< 10		< 2	< 2	< 2	< 0.2		
Ethylbenzene	µg/L	700	250	186		184		144	144	117	159		
m,p-Xylenes	µg/L	-	64.5	39.3		48	J	19.1	20.8	14.7	19.7		
Methylene chloride	µg/L	5.0	< 2	38.3		< 100		< 20	10	J	< 20	< 2	
Naphthalene	µg/L	140	2490	1580		1480		814	740	510	531		
o-Xylene	µg/L	-	148	93.4		100		80.3	82.1	62	80.8		
Toluene	µg/L	1000	70.8	30.5		42	J	14	15	J	24.8	34.8	
trans-1,2-Dichloroethene	µg/L	100	< 2	< 20		< 100		< 20.0	< 20	< 20	< 2		
Xylenes, Total	µg/L	10000	213	133		148		99.4	103	76.7	101		

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 - October 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	Result (DUP) 11/4/2015	Result 2/18/2016	Result 5/26/2016	Result 8/18/2016	Result (DUP) 8/18/2016
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	S < 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	S < 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	S < 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	S < 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.0195	0.00664	0.0163	0.0089	0.00718	0.00763	0.00558	0.00351	---	---	---
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	S < 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	S < 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.0001	B < 0.0001	B < 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	0.0001 J	< 0.0064	< 0.0064	< 0.0064	< 0.0064	S < 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	S < 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 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	6.55	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter
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 - October 2023
Ameren Taylorville, IL MGP Site

GW-05 Analyte	Unit	Remediation Objective (RO)	Result 11/16/2016	Result (DUP) 11/16/2016	Result 2/15/2017	Result 5/17/2017	Result (DUP) 5/17/2017	Result 8/17/2017	Result 11/21/2017	Result 2/14/2018	Result 5/9/2018	Result 8/13/2018
Acenaphthene	mg/L	0.42	< 0.01	< 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	< 0.01	< 0.0001	< 0.0001	< 0.0001	0.00008 J
Anthracene	mg/L	2.1	< 0.0066	< 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	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000094 J
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000079 J
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	0.000066 J
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.0001	0.000045 J
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	---	---	0.00861	0.011	0.013	0.00907	0.0218	0.0122	0.00256
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000062 J
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---	---	---	---
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	0.0001 J	< 0.0001 B	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 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	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	0.00013 B	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 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	< 0.6	< 0.0001	< 2	< 2	0.81 J
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 1	< 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 - October 2023
Ameren Taylorville, IL MGP Site

GW-05 Analyte	Unit	Remediation Objective (RO)	Result 11/7/2018	Result 2/20/2019	Result 5/7/2019	Result 8/14/2019	Result 11/14/2019	Result 2/20/2020	Result 5/12/2020	Result 8/13/2020	Result (DUP) 8/13/2020	Result 11/11/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000056 J	< 0.000078	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	0.000051 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000233	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	0.000197	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	0.000097 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	0.000206	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	0.000084 J	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000155	< 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	< 0.000078	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.00287	0.0049	0.0103	0.00671	0.0089	< 0.002	0.0101	0.00227 C	0.00286 C	0.00845 S
Chrysene	mg/L	0.0015	< 0.0001	0.000268	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 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	< 0.000078	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00775	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	0.000204	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000233	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	0.000141	< 0.0001	< 0.0001	< 0.0001	0.000158	< 0.000155	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	0.000088 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00775	< 0.01	< 0.01	< 0.01 R
o-Cresol	mg/L	0.35	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00775	< 0.01	< 0.01	< 0.0100 SR
Naphthalene	mg/L	0.14	---	---	< 0.0002	0.000214	0.000404	0.00366	0.00103	< 0.0004	< 0.0004	0.00159 S
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000465	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	0.00017 BJ	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000155	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	0.41 J	< 0.5	< 0.5	0.22 J	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	0.31 J	< 1	< 1	0.2 J	< 1	< 1	< 1	< 1	0.25 J
m,p-Xylenes	µg/L	-	< 1	0.35 J	< 1	< 1	0.19 J	0.18 J	< 1	< 1	< 1	0.29 J
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	35.9	< 2	0.49 J	< 2	46.6	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	0.23 J	< 1	< 1	0.13 J	0.11 J	< 1	< 1	< 1	0.17 JS
Toluene	µg/L	1000	< 2	0.4 J	< 2	< 2	0.17 J	0.17 J	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 1	0.58 J	< 2	< 2	0.32 J	0.29 J	< 2	< 2	< 2	0.46 J

Notes:

B = Analyte detected in associated method blank

J = Analyte detected below quantitation limits

C = RL shown is a client requested quantitation limit

E = Value above quantitation range

S = Spike Recovery outside recovery limits

R = RPD outside accepted recovery limits

Yellow = Exceeds RO for Class I Groundwater Ingestion

< = Compound not detected at concentrations above the laboratory reporting detection limit.

The laboratory reporting detection limit is shown.

Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion

All analyses performed by Teklab, Inc.

mg/L = milligrams per liter

µg/L = micrograms per liter

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 - October 2023
Ameren Taylorville, IL MGP Site

GW-05 Analyte	Unit	Remediation Objective (RO)	Result 2/24/2021	Result 5/11/2021	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
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 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	< 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	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000075 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	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.0087	0.00374	0.00627	0.00213 B	< 0.0002	< 0.0002	0.0017 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	< 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	< 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	< 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	< 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	< 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	< 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	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0004
Naphthalene	mg/L	0.14	0.00111	< 0.0004	0.00194	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.01
Phenanthrene	mg/L	-	0.000838	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	0.000221	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	0.18 J	< 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	< 0.2	< 0.2
Ethylbenzene	µg/L	700	0.22 J	< 1	< 1	1.21	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	0.2 J	< 1	< 1	0.99 J	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2 H	< 2	1 J	< 1	1 J	0.49 BJ	< 2
o-Xylene	µg/L	-	0.14 J	< 1	< 1	0.74 J	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	0.12 J	< 2	< 2	0.3 J	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	0.34 J	< 2	< 2	< 2	1.7 J	< 2	< 2	< 2	< 2	< 2

Notes:

B = Analyte detected in associated method blank

J = Analyte detected below quantitation limits

C = RL shown is a client requested quantitation limit

E = Value above quantitation range

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R = RPD outside accepted recovery 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

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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 - October 2023
Ameren Taylorville, IL MGP Site

GW-05 Analyte	Unit	Remediation Objective (RO)	Result - DUP 5/16/2023	Result 9/13/2023	Result - DUP 9/13/2023	Result 10/25/2023
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	0.00262	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.0004	0.000663	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.01	< 0.01	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 0.2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	0.31 J	< 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	1.4 J	11	0.93 J
o-Xylene	µg/L	-	< 1	< 1	0.2 J	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 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
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 - October 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	Result 8/17/2016
Acenaphthene	mg/L	0.42	< 0.01	< 0.00263	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	0.00013 J	< 0.00263	0.00011 J	0.00012 J	< 0.01	0.00011 J	0.0001 J	< 0.01	< 0.01
Anthracene	mg/L	2.1	0.00097 J	0.00071 J	0.00084 J	0.00089 J	0.00068 J	0.00073 J	0.00069 J	0.00054 J	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	0.0002	0.00026	0.00019	0.0002	0.00018	0.00018	0.00018	0.00015	0.00007 J
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00026	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.00224	0.0102	0.00429	0.00232	0.00315	0.00209	0.0013 J	---	---
Chrysene	mg/L	0.0015	0.0001	< 0.00026	< 0.0001	0.0001	< 0.0001	0.00009 J	< 0.0001	0.00008 J	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.00263	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	0.0011 J	0.00087	0.00098 J	0.001 J	0.00083 J	0.00086 J	0.0008 J	0.00068 J	< 0.0021
Fluorene	mg/L	0.28	0.0003 J	0.00029	0.0003 J	0.00031 J	0.00021 J	0.00025 J	0.00025 J	0.00019 J	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	0.0001	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	0.00014 J	< 0.00263	< 0.0064	< 0.0064	0.00013 J	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	0.0015 J	0.0012 J	0.0014 J	0.0014 J	0.0012 J	0.0012 J	0.0011 J	0.001 J	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	0.24	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	1.47	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

Notes:
B = Analyte detected in associated method blank
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 - October 2023
Ameren Taylorville, IL MGP Site

GW-07 Analyte	Unit	Remediation Objective (RO)	Result 11/15/2016	Result 2/15/2017	Result 5/16/2017	Result 8/17/2017	Result 11/21/2017	Result 2/14/2018	Result 5/8/2018	Result 8/13/2018	Result 11/6/2018	Result 2/18/2019
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	0.00013 J	< 0.0001	0.000144	< 0.0001	0.000137	0.000149	0.000111
Acenaphthylene	mg/L	-	< 0.01	0.00011 J	0.00019 J	0.00019 J	0.000229	0.00034	0.000244	0.000282	0.00027	0.000266
Anthracene	mg/L	2.1	0.00063 J	0.00078 J	0.00091 J	0.0012 J	0.00179	0.00308	0.00198	0.00215	0.00164	0.00218
Benzo(a)anthracene	mg/L	0.00013	0.00015	0.00019	0.0002	0.000188	0.000192	0.000301	0.000203	0.000195	0.000224	0.0002
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	---	0.015	0.0149	< 0.006	0.00692	0.00796	0.0131	0.00353	0.00667
Chrysene	mg/L	0.0015	0.00008 J	0.0001	0.000148	0.000159	0.000144	0.000222	0.000133	0.000153	0.000135	0.000147
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---	---	---	0.00258	---	---
Fluoranthene	mg/L	0.28	0.00075 J	0.001 J	0.0013 J	0.0016 J	0.00199	0.0032	0.00228	0.00039	0.00204	0.0022
Fluorene	mg/L	0.28	0.0002 J	0.0002 J	0.00036 J	0.00033 J	0.000376	0.000595	0.000427	< 0.0001	0.000353	0.000397
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	0.000233	0.000096 J	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	0.0011 J	0.0014 J	0.0018 J	0.0021 J	0.00259	0.00466	0.00336	0.00371	0.00281	0.00297 B
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.12 J
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.5	< 0.5	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 2	< 2	< 2	< 2	< 2	6.88
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	0.12 J
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1

Notes:
B = Analyte detected in associated method blank
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All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
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Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-07 Analyte	Unit	Remediation Objective (RO)	Result 5/8/2019	Result 8/13/2019	Result (Dup) 8/13/2019	Result 11/13/2019	Result 2/18/2020	Result 5/12/2020	Result 8/13/2020	Result 11/10/2020	Result 2/23/2021	Result 5/12/2021
Acenaphthene	mg/L	0.42	0.000136	0.000078 J	0.000086 J	0.000099 J	0.000077 J	0.000063 J	0.000071 J	0.000076 J	0.000076 J	0.000118
Acenaphthylene	mg/L	-	0.000253	0.000142	0.000135	0.000186	0.000116	0.000098	0.000105	0.000142	0.000168	0.000117
Anthracene	mg/L	2.1	0.00186	0.00106	0.00101	0.000964 R	0.000877	0.00069	0.000772	0.0012	0.00144	0.00119
Benzo(a)anthracene	mg/L	0.00013	0.000225	0.000213	0.000189	0.000221	0.000164	0.000141	0.000168	0.000155	0.000119	0.000161
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0005	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0005 R	0.000057 J	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.001 R	< 0.0002	< 0.000144	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0005	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.0019 J	0.00364 S	0.0048	< 0.005 S	0.011	0.0022 C	0.00202 C	0.00655	0.00975	0.00732
Chrysene	mg/L	0.0015	0.000145	0.000121	0.000145	0.000184	0.000116	0.000101	0.00014	0.000112	0.000082 J	0.000102
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0005	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	---	< 0.01	< 0.01	< 0.01	< 0.01	< 0.00719	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	0.00214	0.00142	0.00137	0.00126	0.00113	0.000996	0.000951	0.00119	0.00131	0.00136
Fluorene	mg/L	0.28	0.000457	0.000249	0.000255	0.000284	0.000235	0.000165	0.000205	0.000278	0.000295	0.000343
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0005 SR	< 0.0001	< 0.000072	0.000076 J	< 0.0001	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	---	< 0.01	< 0.01	< 0.01	< 0.01	< 0.00719	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	< 0.01	< 0.01	< 0.01	< 0.01	< 0.00719	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.0002	< 0.0002	0.00019 J	< 0.000288	< 0.0004	< 0.0004	< 0.0004	0.00329
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000432	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	0.00312	0.00199	0.00194	0.00012 JSR	0.0016	0.00152	0.0014	0.00185	0.00197	0.00227
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.51	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.12 J	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2 B	< 2	< 2	< 2	6.07	< 2	0.64 J	1.4 J	< 2	1.4 J
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	0.1 J	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
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Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter
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Attachment B
Summary of Analytical Results
2015 - October 2023
Ameren Taylorville, IL MGP Site

GW-07 Analyte	Unit	Remediation Objective (RO)	Result 8/12/2021	Result 11/9/2021	Result 2/16/2022	Result 5/11/2022	Result 9/7/2022	Result 11/29/2022	Result 2/15/2023	Result 5/17/2023	Result 9/13/2023	Result 10/27/2023
Acenaphthene	mg/L	0.42	0.000079 J	0.000136	0.000183	0.000145	0.000118	0.00012	0.000183	0.000122 H	0.000155	0.000158
Acenaphthylene	mg/L	-	0.000137	0.000186	0.000251	0.000149	0.00017	0.000179	0.000203	0.000137 H	0.000194	0.000202
Anthracene	mg/L	2.1	0.00124	0.00146	0.00144	0.00153	0.00162	0.00144	0.00148	0.00115 H	0.00179	0.00161
Benzo(a)anthracene	mg/L	0.00013	0.000186	0.000235	0.000185	0.000182	0.000212	0.000201	0.000202	0.000183 H	0.000235	0.000211
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	< 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 H	< 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 H	< 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 H	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.00233	0.00403 S	0.00290	0.00471	0.0015 J	0.00578	0.00331	0.0148 H	0.00395	0.00271
Chrysene	mg/L	0.0015	0.000122	0.00017	0.000177	0.000163	0.000164	0.000157	0.000141	0.000145 H	0.000194	0.000184
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	< 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 H	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	0.00146	0.00164	0.00147	0.00169	0.00154	0.00154	0.00127	0.00106 H	0.00141	0.00122
Fluorene	mg/L	0.28	0.000305	0.00039	0.000516	0.000368	0.000331	0.000366	0.0004	0.000331 H	0.000413	0.000393
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	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01 H	< 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 H	< 0.0004	0.000614
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	0.00269	< 0.0004	< 0.0004	< 0.0004	0.00283 S	< 0.01 H	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006 H	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	0.00233	0.0026	0.0025	0.0030	0.0028	0.00281	0.0026	0.00157 H	0.00238	0.00265
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5 S	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	0.32 J	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	0.54 J	< 1	< 1	< 1	< 1 S	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2 H	< 2	< 2	< 2	0.7 J	0.36 BJ	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	0.21 J	< 1	< 1	< 1	< 1 S	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2 S	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	0.75 J	< 2	< 2	< 2	< 2 S	< 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
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 - October 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 - October 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	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	< 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	
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 2	B	< 2	< 2	5.2	< 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 - October 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 - October 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 - October 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 - October 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	Result 2/15/2017	Result 5/16/2017
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.00227	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.00227	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.00227	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00023	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.0018	J	0.00214	0.00952	0.00738	0.00818	0.0154	---	---	---	0.0316
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.00227	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.00023	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.00023	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.0001	0.00014	< 0.00023	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.00227	< 0.0064	0.0001	J	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.00227	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	B	< 0.2	0.22	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	0.26	J	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

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

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

GW-14 Analyte	Unit	Remediation Objective (RO)	Result 8/16/2017	Result 11/21/2017	Result 2/15/2018	Result 5/7/2018	Result 8/13/2018	Result 11/7/2018	Result 2/19/2019	Result 5/8/2019	Result 8/12/2019	Result 11/12/2019	Result 2/18/2020
Acenaphthene	mg/L	0.42	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.00962	< 0.006	0.0094	0.00367	0.0173	0.0126	< 0.002	< 0.002	0.00622	0.00583	0.0108
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	0.000031	J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	0.000095	< 0.0001	B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Phenanthrene	mg/L	-	< 0.0064	0.000182	B	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0001	B	< 0.0001	< 0.0001	< 0.0001	< 0.0002	B	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.5	0.2	J	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.1	< 2	1.4	J	< 2	< 2	2.89	B	< 2	2.88
o-Xylene	µg/L	-	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 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 - October 2023
Ameren Taylorville, IL MGP Site

GW-14 Analyte	Unit	Remediation Objective (RO)	Result 5/12/2020	Result 8/13/2020	Result 11/10/2020	Result 2/23/2021	Result 5/11/2021	Result 8/12/2021	Result 11/9/2021	Result 2/16/2022	Result 5/11/2022	Result 9/7/2022
Acenaphthene	mg/L	0.42	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.000217	< 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	< 0.000072	< 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	< 0.000072	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000072	< 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	-	< 0.000145	< 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	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.00417 C	0.0336 C	0.00766	0.00935	0.00934	0.0139	0.0200 B	0.0016 J	0.0018 J	0.00578 S
Chrysene	mg/L	0.0015	< 0.000072	< 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	< 0.000072	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.00725	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.000217	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.000145	< 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	< 0.000072	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.00725	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.00725	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.00029	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.000435	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.000145	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
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	0.38 J	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	0.72 J	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	0.38 J	< 2	B	1.6 J	0.49 J	< 2	2.53	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	0.36 J	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	0.19 J	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	1.1 J	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
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 - October 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	Result 9/13/2023	Result 10/26/2023
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	0.00304	< 0.002	0.00309	0.00493	0.00216
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	< 0.0004	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.01	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 0.2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	0.11 J	< 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	0.62 J	< 2	B	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 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 - October 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	Result 8/17/2016	Result 11/15/2016
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01	S < 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	S < 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	S < 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00006 J	0.00006 J
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	S < 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	S < 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	S < 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	S < 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.0012 J	0.00365 SR	0.00612	0.00583	0.00277	0.0025	---	---	---	---
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	S < 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	S < 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	S < 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	S < 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	S < 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	0.00016	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	S < 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	S < 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	0.38 J	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.22 B	< 0.2 B	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	2.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	0.38 J	< 4	< 4	< 4	< 4	< 4	< 4	< 4

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
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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 - October 2023
Ameren Taylorville, IL MGP Site

GW-15 Analyte	Unit	Remediation Objective (RO)	Result 2/15/2017	Result 5/16/2017	Result 8/17/2017	Result 11/22/2017	Result 2/15/2018	Result 5/8/2018	Result (DUP) 5/8/2018	Result 8/14/2018	Result 11/7/2018	Result 2/20/2019
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	0.000064 J	0.000053 J	< 0.0001	< 0.0001 S	0.000055 J
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001	0.000053 J	0.000076 J	0.000063 J	< 0.0001	0.000063 JS	0.000069 J
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	0.00006 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	0.000052 J
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001 S	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001 S	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	0.00335	0.00567	< 0.006	0.0111	0.00563	0.0109	0.00274 SR	0.0039	0.00327
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	---	---	---	---	---
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	0.00012 J	< 0.0001	< 0.0002	< 0.0002	< 0.0002	0.00015 J	< 0.0002 S	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	0.000095 J	0.0001	0.000072 J	0.00011	0.000101	< 0.0001	< 0.0001 S	0.0001 J
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 R	< 0.0001 S	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	0.000119	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004 S	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	0.0001 J	< 0.0001	0.000066 J	< 0.0001	< 0.0001	0.000143	< 0.0002 S	0.00011 BJ
Benzene	µg/L	5.0	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	0.9	< 2	< 2	0.8 J	< 2 B	< 2	< 2	1.7 J
o-Xylene	µg/L	-	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 1	< 1	< 1	< 1 B	< 1	< 1	< 1

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

GW-15 Analyte	Unit	Remediation Objective (RO)	Result 5/8/2019	Result 8/14/2019	Result 11/14/2019	Result 2/20/2020	Result 5/13/2020	Result 8/13/2020	Result 11/10/2020	Result 2/23/2021	Result 5/13/2021	Result 8/12/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	0.000058 J	< 0.000074	< 0.0001	0.000081 J	< 0.0001	0.000063 J	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000222	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	0.000061 J	< 0.000074	< 0.0001	0.000084 J	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	0.000078 J	< 0.000074	< 0.0001	0.000069 J	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	0.000082 J	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000075 J
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000148	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.014	0.00331	0.00802	< 0.002	< 0.00148 C	< 0.002 C	< 0.002 C	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000222	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000148	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	0.000085 J	< 0.000074	0.000074 J	< 0.0001	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000296	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000444	< 0.0006	< 0.0006	< 0.0006 R	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000148	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	1.6 J	1.7 J	< 2	< 2	< 2 B	1.1 J	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2

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

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

GW-15 Analyte	Unit	Remediation Objective (RO)	Result 11/9/2021	Result 2/17/2022	Result - DUP 2/17/2022	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	< 0.0001	0.000094 J	< 0.0001	< 0.0001	< 0.0001 H	< 0.0001 H
Acenaphthylene	mg/L	-	< 0.0001	< 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	< 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	< 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	< 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	< 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	< 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	< 0.0001 H	< 0.0001 H
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002 B	< 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	< 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	< 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	< 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	< 0.0003 H	< 0.0003 H
Fluorene	mg/L	0.28	< 0.0002	< 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	< 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	< 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	< 0.01	< 0.0004 H	< 0.0004 H
Naphthalene	mg/L	0.14	< 0.0004	< 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	< 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	< 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	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	0.16 J	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	0.43 J	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	1.6 J	< 2	< 2	< 2	< 2	0.55 J	< 2 B	< 2 B	< 2	< 2
o-Xylene	µg/L	-	0.13 J	< 1	< 1	< 1	0.11 J	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	0.56 J	< 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 - October 2023
Ameren Taylorville, IL MGP Site

GW-15 Analyte	Unit	Remediation Objective (RO)	Result 9/13/2023	Result 10/25/2023	
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	S
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	
m,p-Cresol	mg/L	-	< 0.01	< 0.01	
o-Cresol	mg/L	0.35	< 0.0004	< 0.0004	
Naphthalene	mg/L	0.14	< 0.01	< 0.01	
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	
Benzene	µg/L	5.0	< 0.5	< 0.5	
Bromoform	µg/L	1.0	< 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 - October 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	Result 2/14/2017	Result 5/15/2017	Result 8/16/2017
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	---	---	---	---	0.00264	0.00446
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	0.00017 J	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	0.62	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

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

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

GW-16S Analyte	Unit	Remediation Objective (RO)	Result 11/20/2017	Result 2/14/2018	Result 5/7/2018	Result 8/14/2018	Result 11/6/2018	Result 2/18/2019	Result 5/7/2019	Result 8/12/2019	Result 11/11/2019	Result 2/18/2020	Result 5/11/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000076
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000076
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000227
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	< 0.000076
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	< 0.000076
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	< 0.000076
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000152
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	< 0.000076
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.006	0.0446	0.0293	0.0142	< 0.002	0.00774	0.00353	0.012	0.00454	0.0327	0.00207 C
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000076
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	< 0.000076
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00758
Fluoranthene	mg/L	0.28	< 0.0001 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	0.000273	< 0.0002	< 0.000227
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000152
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	< 0.000076
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00758
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00758
Naphthalene	mg/L	0.14	---	---	---	---	---	---	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000303
Phenanthrene	mg/L	-	0.000133 B	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000455
Pyrene	mg/L	0.21	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002	0.00011 J	< 0.0002	< 0.000152
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.5	0.34 J	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.1	< 2	0.7 J	< 2	< 2	< 2	< 2 B	< 2	1 J	1.1 J	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2	< 2	< 2	< 2

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

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

GW-16S Analyte	Unit	Remediation Objective (RO)	Result 8/12/2020	Result 11/9/2020	Result 2/22/2021	Result 5/10/2021	Result 8/10/2021	Result 11/8/2021	Result 2/15/2022	Result 5/9/2022	Result 9/6/2022	Result 11/28/2022	
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	<
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	<
Anthracene	mg/L	2.1	< 0.0003	< 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	< 0.0001	<
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	<
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000076 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	< 0.0002	< 0.0002	< 0.0002	<
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	<
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.00771 C	0.00589	< 0.002	0.00203	0.0068	0.0016 J	0.0016 J	0.0019 J	0.0024	< 0.002	
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	<
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0002	< 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	< 0.01	<
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	0.00057	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	<
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	0.000992	< 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	< 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	< 0.01	<
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	<
Naphthalene	mg/L	0.14	0.00164	< 0.0004	< 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	0.00255	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	<
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	0.000486	< 0.0002	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002	<
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	<
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	<
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	0.16 J	< 1	< 1	< 1	< 1	<
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	0.49 J	< 1	< 1	< 1	< 1	<
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	<
Naphthalene	µg/L	140	< 2	< 2 B	0.43 J	< 2	< 2	1.2 J	< 2	< 2	< 2	0.52 J	<
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	0.12 J	< 1	< 1	< 1	< 1	<
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	<
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	<
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	0.61 J	< 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 - October 2023
Ameren Taylorville, IL MGP Site

GW-16S Analyte	Unit	Remediation Objective (RO)	Result 2/13/2023	Result 5/15/2023	Result 9/14/2023	Result 10/25/2023
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	0.0019	< 0.002	0.0017	0.00426
Chrysene	mg/L	0.0015	0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	0.01	< 0.0004	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	0.0004	< 0.01	< 0.01	< 0.01
Phenanthrene	mg/L	-	0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	0.2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	2	< 2	< 2	< 2
Naphthalene	µg/L	140	2	< 2	< 2	< 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 - October 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	Result 5/24/2016	Result 8/16/2016	Result 11/14/2016	Result 2/14/2017
Acenaphthene	mg/L	0.42	< 0.01	< 0.00263	< 0.00263	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.00263	< 0.00263	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.00263	< 0.00263	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00026	< 0.00026	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.00272	0.0095	0.0095	0.0031	0.00294	0.00425	---	---	---	---
Chrysene	mg/L	0.0015	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.00263	< 0.00263	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.00026	< 0.00026	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.00026	< 0.00026	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	---	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.00263	< 0.00263	< 0.0064	0.00011 J	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.00263	< 0.00263	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	0.89 J	0.95 J	0.95 J	0.99 J	1.2 J	0.88 J	0.57 J	0.44 J	0.51 J	0.44 J
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

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

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

GW-16D Analyte	Unit	Remediation Objective (RO)	Result 5/15/2017	Result 8/16/2017	Result 11/20/2017	Result 2/14/2018	Result (DUP) 2/14/2018	Result 5/7/2018	Result 8/14/2018	Result 11/6/2018	Result 2/18/2019	Result 5/7/2019
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	0.00032 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.0138	0.0019 J	< 0.008	0.00465	0.0438	0.00939	0.0035	0.00566	0.00573	< 0.01 S
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	---	---	---	---	---	---	---	---
Fluoranthene	mg/L	0.28	< 0.0021	0.00021 J	< 0.0001 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	< 0.0002
Phenanthrene	mg/L	-	0.00011 J	< 0.0064	0.000124 B	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	0.00011 J	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002 B	< 0.0002
Benzene	µg/L	5.0	< 2	< 2	< 0.5	< 0.5	0.23 J	0.22 J	0.41 J	0.56	0.71	0.71
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.2 J
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.5	< 0.5	0.22 J	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.1	< 2	< 2	< 2	< 2	< 2	0.81 J	0.48 J
o-Xylene	µg/L	-	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	0.12 J
trans-1,2-Dichloroethene	µg/L	100	0.67 J	0.8 J	< 2	0.56 J	0.53 J	< 2	0.39 J	0.3 J	< 2	0.13 J
Xylenes, Total	µg/L	10000	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2

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

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

GW-16D Analyte	Unit	Remediation Objective (RO)	Result (DUP) 5/7/2019	Result 8/12/2019	Result 11/12/2019	Result 2/18/2020	Result 5/11/2020	Result 8/12/2020	Result 11/9/2020	Result 2/22/2021	Result 5/10/2021	Result 8/10/2021	Result 11/8/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000222	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000076 J	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000148	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.00421	0.0141	< 0.002	< 0.002	0.012 C	0.00595 C	0.011 C	0.005	0.002 J	0.00206	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000222	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000148	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000296	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000444	< 0.0006	< 0.0006	0.00101	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000148	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	0.77	0.3 J	0.11 J	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.15 J	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.16 J
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.52 J
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2 B	< 2	0.79 J	0.83 J	< 2	< 2	< 2 B	0.34 J	< 2	< 2	0.92 J
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.13 J
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 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
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA 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 - October 2023
Ameren Taylorville, IL MGP Site

GW-16D 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	Result 9/14/2023	Result 10/25/2023
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	0.0016 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	0.00299	0.0017 J	< 0.002	< 0.002	0.0017 J	0.00241	0.00726
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	< 0.0004	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.01	< 0.01	< 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
Benzene	µg/L	5.0	< 0.5	0.38 J	0.52	0.71	0.7	0.80	0.76	0.64
Bromoform	µg/L	1.0	< 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
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	0.51 J	< 2	B	< 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	0.13 J	< 2	0.1 J	0.12 J	< 2	0.13 J	< 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 - October 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	Result 2/14/2017	Result 5/15/2017	Result 8/16/2017
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	---	---	---	---	0.00225	0.00328
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	0.0001 J	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.98 B	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	0.5 J	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

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

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

GW-17 Analyte	Unit	Remediation Objective (RO)	Result 11/20/2017	Result 2/14/2018	Result 5/7/2018	Result 8/14/2018	Result 11/6/2018	Result 2/18/2019	Result 5/7/2019	Result 8/12/2019	Result 11/12/2019	Result 2/18/2020	Result 5/12/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000077
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000077
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000115	< 0.000231
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000055 J	< 0.000077
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000077
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000077
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000154
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000077
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.006	< 0.002	0.00742	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	0.00215	0.00257 C
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000047 J	< 0.000077
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000077
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00769
Fluoranthene	mg/L	0.28	< 0.0001 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	0.000288	< 0.000231
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000154
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000077
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00769
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00769
Naphthalene	mg/L	0.14	---	---	---	---	---	---	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000308
Phenanthrene	mg/L	-	0.00011 B	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000462
Pyrene	mg/L	0.21	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002	0.00023	< 0.000154
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.5	0.48 J	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.1	< 2	< 2	< 2	< 2	0.61 J	< 2 B	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2	< 2	< 2	< 2

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

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

GW-17 Analyte	Unit	Remediation Objective (RO)	Result 8/12/2020	Result 11/11/2020	Result 2/22/2021	Result 5/10/2021	Result 8/10/2021	Result 11/8/2021	Result 2/15/2022	Result 5/9/2022	Result 9/6/2022
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	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 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	< 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	0.00467 C	< 0.002 C	0.0029	< 0.002	0.00739	< 0.002	< 0.002	< 0.002	0.00752
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	< 0.0002	< 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	0.000078 J	< 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	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0004	< 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	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 B	< 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	0.12 J	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	0.53 J	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2 B	0.38 J	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	0.12 J	< 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	0.65 J	< 2	< 2	< 2

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

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

GW-17 Analyte	Unit	Remediation Objective (RO)	Result 11/28/2022	Result 2/13/2023	Result 5/15/2023	Result 9/14/2023	Result 10/25/2023
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	0.0144	< 0.002	0.0019 J	< 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 B
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	< 0.0004	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.01	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 0.2	< 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	0.49 J	< 2 B	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 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 - October 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	Result 8/18/2016	Result 11/16/2016	Result 2/16/2017	Result 5/17/2017	Result 8/18/2017	
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.0011	J	< 0.002	0.00211	0.0014	J	0.0013	J	---	---	0.0015	J
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	0.000092	J
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
m,p-Cresol	mg/L	-	< 0.0001	B	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---	---	
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.2	B	< 0.2	< 0.2	< 0.2	< 0.2	
Naphthalene	µg/L	140	< 0.6	< 0.6	0.94	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	

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

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

GW-18S Analyte	Unit	Remediation Objective (RO)	Result 11/21/2017	Result 2/15/2018	Result 5/8/2018	Result 8/14/2018	Result 11/8/2018	Result 2/19/2019	Result 5/7/2019	Result 8/13/2019	Result 11/12/2019	Result 2/19/2020	Result 5/13/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000114	< 0.000234
Benzo(a)anthracene	mg/L	0.00013	0.000118 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000054 J	< 0.0001	< 0.000078
Benzo(a)pyrene	mg/L	0.0002	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.005	< 0.0001	< 0.000078
Benzo(b)fluoranthene	mg/L	0.00018	0.000132 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.005	< 0.0001	< 0.000078
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.01	< 0.0002	< 0.000156
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.005	< 0.0001	< 0.000078
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.006 S	0.00347	0.00327	< 0.002	< 0.002	0.00433	0.00229	0.00265	0.0037	0.0118	0.00309
Chrysene	mg/L	0.0015	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000051 J	< 0.0001	< 0.000078
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.005	< 0.0001	< 0.000078
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00781
Fluoranthene	mg/L	0.28	< 0.0001 S	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000234
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000156
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	0.000143	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.005	< 0.0001	< 0.000078
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00781
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00781
Naphthalene	mg/L	0.14	---	---	---	---	---	---	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000312
Phenanthrene	mg/L	-	< 0.0001	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000469
Pyrene	mg/L	0.21	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002	0.00011 J	< 0.000156
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2	0.94 J	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	0.52 J	< 2	< 2	< 2	0.52 J	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2	< 2	< 2	< 2

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

GW-18S Analyte	Unit	Remediation Objective (RO)	Result 8/14/2020	Result 11/11/2020	Result 2/23/2021	Result 5/11/2021	Result 8/11/2021	Result 11/10/2021	Result - DUP 11/10/2021	Result 2/16/2022	Result 5/9/2022	Result 9/7/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	B	< 0.0003	B	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000071	J	< 0.0001	< 0.0001	< 0.0001	< 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	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.00244	C	0.00299	0.00249	0.00329	< 0.002	0.00305	< 0.002	< 0.002	0.00228
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0002	< 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	< 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	< 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	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	0.00007	J	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 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	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 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	< 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	B	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	0.11	J	0.13	J	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	0.39	J	0.45	J	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	B	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	0.11	J	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	0.13	J
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	0.39	J	0.56	J	< 2

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

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

GW-18S Analyte	Unit	Remediation Objective (RO)	Result 11/29/2022	Result 2/14/2023	Result 5/16/2023	Result 9/14/2023	Result 10/26/2023
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	0.00331	0.00295	< 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	< 0.0004	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.01	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 0.2	< 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	0.48 J	< 2 B	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 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 - October 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	Result 5/25/2016	Result 8/18/2016	Result 11/16/2016	Result 2/16/2017			
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066			
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001			
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001			
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001			
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076			
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001			
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.0014	J	0.0014	J	0.0033	0.003	0.0019	J	0.00201	< 0.002	---	---	---	---
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 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	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 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	< 0.0001	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.21	B	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	5.63	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	0.3	J	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 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 - October 2023
Ameren Taylorville, IL MGP Site

GW-18D Analyte	Unit	Remediation Objective (RO)	Result 5/17/2017	Result 8/18/2017	Result 11/21/2017	Result (DUP) 11/21/2017	Result 2/15/2018	Result 5/8/2018	Result 8/14/2018	Result 11/8/2018	Result 2/19/2019	Result 5/7/2019	Result 8/13/2019
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.00111	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.00679	0.00472	< 0.006	< 0.006	0.00371	0.00222	0.00371	< 0.002	< 0.002	< 0.0111	0.00517
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	---	---	---	---	---	---	---	---	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	0.00015 J	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.00111	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---	---	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---	---	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	< 0.00111	< 0.0002
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0001	0.000108	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.00222	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002 B	< 0.00111	< 0.0002
Benzene	µg/L	5.0	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.13 J	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.5	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 2	< 2	< 2	< 2	< 2	0.25 J	0.4 J	0.42 J	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2

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

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

GW-18D Analyte	Unit	Remediation Objective (RO)	Result 11/12/2019	Result 2/19/2020	Result 5/13/2020	Result 8/14/2020	Result 11/11/2020	Result 2/23/2021	Result (DUP) 2/23/2021	Result 5/11/2021	Result 8/11/2021	Result 11/10/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.000233	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.005	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.005	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.005	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.01	< 0.0002	< 0.000155	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.005	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.1	0.00559	< 0.00155	< 0.002	0.00331	< 0.002	0.0019	0.00269	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.005	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.005	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.00775	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.000233	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.000155	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.005	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.00775	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.00775	< 0.01	< 0.0004	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.00031	< 0.0004	< 0.01	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.000465	< 0.0006	< 0.0006	< 0.0006	0.00185	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.000155	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.13
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.41
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	0.45	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.13
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	0.32	0.21	< 2	0.13	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	0.54

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 - October 2023
Ameren Taylorville, IL MGP Site

GW-18D Analyte	Unit	Remediation Objective (RO)	Result 2/16/2022	Result 5/9/2022	Result 9/7/2022	Result 11/29/2022	Result 2/14/2023	Result 5/16/2023	Result 9/14/2023	Result 10/26/2023
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	0.00295	0.00284	< 0.002	< 0.002	0.0015 J	< 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 B
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	< 0.0004	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.01	< 0.01	< 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	< 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	< 2	< 2	< 2	0.54 J	< 2 B	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	0.12 J	< 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 - October 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	Result 8/18/2016	Result 11/16/2016	Result 2/16/2017	Result 5/17/2017	Result 8/18/2017
Acenaphthene	mg/L	0.42	< 0.01	< 0.00714 H	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0002	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.00714 H	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0002	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.00071 H	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0002	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 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	< 0.0001	< 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	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00071 H	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.0002	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.00071 H	< 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	0.00595	0.0304 H	0.00871	0.00222	0.00259	---	---	---	---	0.0109	0.00473
Chrysene	mg/L	0.0015	< 0.0001	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	0.00079 H	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0002	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.00071 H	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.00071 H	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.0001 B	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.00071 H	< 0.0064	0.0001 J	0.00012 J	< 0.0064	< 0.0064	< 0.0002	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.00071 H	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0002	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	0.45 J	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

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

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

GW-19S Analyte	Unit	Remediation Objective (RO)	Result (DUP) 8/18/2017	Result 11/21/2017	Result 2/15/2018	Result 5/8/2018	Result 8/14/2018	Result 11/8/2018	Result 2/19/2019	Result (DUP) 2/19/2019	Result 5/7/2019	Result 8/13/2019	Result 11/13/2019
Acenaphthene	mg/L	0.42	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000054 J
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 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	0.000071 J
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000051 J	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.00579	< 0.006	0.0013 J	0.00502	0.0149	< 0.002	0.0146	0.00315	0.00632	0.0342	0.002 J
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000058 J
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	---	---	---	---	---	---	---	---	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	0.000112	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	< 0.0002	< 0.0002	< 0.0002
Phenanthrene	mg/L	-	< 0.0064	0.000175	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002 B	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 2	< 2	< 2	< 2	< 2	0.41 J	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 2	< 2	< 2	0.1 J	0.11 J	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2	< 2

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

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

GW-19S Analyte	Unit	Remediation Objective (RO)	Result 2/19/2020	Result 5/13/2020	Result 8/13/2020	Result 11/10/2020	Result 2/23/2021	Result 5/11/2021	Result 8/11/2021	Result 11/10/2021	Result 2/16/2022	Result- DUP 2/16/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.000234	< 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	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.000156	< 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	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.00156	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.00781	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.000234	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.000156	< 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	< 0.000078	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.00781	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.00781	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.000312	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.000469	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.000156	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
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	0.15	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.5	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	0.39	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.11	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	0.61	< 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 - October 2023
Ameren Taylorville, IL MGP Site

GW-19S Analyte	Unit	Remediation Objective (RO)	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	Result 9/14/2023	Result 10/26/2023
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	0.00238	< 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	< 0.01	< 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	< 0.0004	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.01	< 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	< 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	< 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	0.5	0.46	< 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	< 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 - October 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	Result 2/16/2017	Result 5/17/2017	Result 8/18/2017	Result 11/21/2017
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 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	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.00207	0.00262	0.0023	0.0019 J	< 0.002	---	---	---	---	0.00452	0.00917	0.00917
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	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	0.00051 B	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	0.27 J	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 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 - October 2023
Ameren Taylorville, IL MGP Site

GW-19D Analyte	Unit	Remediation Objective (RO)	Result 2/15/2018	Result 5/8/2018	Result 8/14/2018	Result 11/8/2018	Result 2/19/2019	Result 5/7/2019	Result 8/13/2019	Result 11/12/2019	Result 2/19/2020	Result 5/13/2020	Result - DUP 5/13/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.000073
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.000073
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000213	< 0.000219
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	< 0.000071	< 0.000073
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	< 0.000071	< 0.000073
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	< 0.000071	< 0.000073
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000142	< 0.000146
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	< 0.000071	< 0.000073
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.00664	0.00352	0.00794	< 0.002	0.0019 J	0.00434	0.0232	0.00425	< 0.002	< 0.00142 C	< 0.00146 C
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.000073
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	< 0.000071	< 0.000073
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00709	< 0.0073
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000213	< 0.000219
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000142	< 0.000146
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.000073
m,p-Cresol	mg/L	-	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00709	< 0.0073
o-Cresol	mg/L	0.35	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00709	< 0.0073
Naphthalene	mg/L	0.14	---	---	---	---	---	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000284	< 0.000292
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000426	< 0.000438
Pyrene	mg/L	0.21	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000142	< 0.000146
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.5	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	0.37 J	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 1	< 1	< 1	< 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 - October 2023
Ameren Taylorville, IL MGP Site

GW-19D Analyte	Unit	Remediation Objective (RO)	Result 8/13/2020	Result 11/10/2020	Result - DUP 11/10/2020	Result 2/23/2021	Result 5/11/2021	Result 8/11/2021	Result 11/10/2021	Result 2/16/2022	Result 5/9/2022	Result 9/7/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 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	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 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	-	< 0.0002	< 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	< 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	0.00391
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 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	< 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	< 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	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 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	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 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	< 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	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	0.13	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	0.5	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	0.32	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	0.12	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	0.12	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	0.62	< 2	< 2	< 2

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

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

GW-19D Analyte	Unit	Remediation Objective (RO)	Result 11/29/2022	Result 2/14/2023	Result 5/16/2023	Result 9/14/2023	Result 10/26/2023
Acenaphthene	mg/L	0.42	< 0.0001	0.000159	< 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	< 0.0004	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.01	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 0.2	< 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	0.47 BJ	< 2 B	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 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 - October 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	Result 11/16/2016	Result 2/16/2017
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	0.00009 J	0.00016	< 0.0001	< 0.0001	0.00008 J	< 0.0001	0.00009 J	0.00007 J
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	0.00024	0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.0001 J	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	0.00019	0.00022	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	0.00024 J	0.00024 J	< 0.00076	< 0.00076	< 0.00076	< 0.00076	0.00012 J	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	---	---	---	---
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	0.00011 J	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	0.00015	0.00016	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.0001 B	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	0.0001 J	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	0.00014 J	0.00019 J	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	0.45 J	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
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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 - October 2023
Ameren Taylorville, IL MGP Site

GW-20 Analyte	Unit	Remediation Objective (RO)	Result 5/17/2017	Result 8/18/2017	Result 11/21/2017	Result 2/15/2018	Result 5/10/2018	Result 8/14/2018	Result 11/8/2018	Result 2/19/2019	Result 5/7/2019	Result 8/13/2019
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.0001	< 0.0001	0.00007 J	0.000184	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	0.000058 J	0.000086 J	0.000146	< 0.0001	< 0.0001	< 0.0001	0.000053 J
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	0.000214	0.000089 J	0.000178	0.000471	< 0.0001	0.000052 J	< 0.0001	0.000082 J
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	0.000205	0.000074 J	0.000128	0.000364	< 0.0001	< 0.0001	< 0.0001	0.00007 J
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	0.000186	0.000138	0.000224	0.000513	< 0.0001	0.000076 J	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000064 J	0.000163	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	0.000108	< 0.0001	0.000055 J	0.000223	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000075 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	---	---	---	---	---	---	---	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	0.000094 J	0.000165	< 0.0002	< 0.0002	0.00017 J	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	0.000321	0.000096 J	0.000244	0.000536	< 0.0001	< 0.0001	< 0.0001	0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	< 0.0002	< 0.0002
Phenanthrene	mg/L	-	< 0.0064	0.00014 BJ	0.000205	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	0.000097 J	0.00018	0.000056 J	0.000135	0.000336	< 0.0002	< 0.0002	< 0.0002	0.00019 J
Benzene	µg/L	5.0	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2

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

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

GW-20 Analyte	Unit	Remediation Objective (RO)	Result 11/14/2019	Result 2/19/2020	Result 5/13/2020	Result 8/14/2020	Result 11/10/2020	Result 2/23/2021	Result 5/11/2021	Result (DUP) 5/11/2021	Result 8/11/2021	Result 11/10/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	0.000111	< 0.0001	0.000106	0.000139	0.000155	0.000075 J	0.000330	0.000509	0.000498	0.000229
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.000231	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003 B
Benzo(a)anthracene	mg/L	0.00013	0.000087 J	< 0.0001	0.000129	0.000195	0.000141	< 0.000100	0.000388	0.000671	0.000565	0.000316
Benzo(a)pyrene	mg/L	0.0002	0.000249	0.000107	0.000337	0.000648	0.000505	0.000238	0.001350	0.002230	0.00193	0.000893
Benzo(b)fluoranthene	mg/L	0.00018	0.000214	0.000138	0.000283	0.000586	0.000342	0.000174	0.001070	0.001840	0.00173	0.000825
Benzo(g,h,i)perylene	mg/L	-	0.000279	0.00017 J	0.000366	0.000805	0.000547	0.000243	0.001290	0.001970	0.00203	0.000894
Benzo(k)fluoranthene	mg/L	0.00017	0.000055 J	< 0.0001	0.000099	0.000147	0.000085 J	< 0.000100	0.000302	0.000497	0.000521	0.00017
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.00154 C	< 0.002 C	< 0.002 C	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	0.000109	< 0.0001	0.00013	0.000245	0.000183	0.000073 J	0.000548	0.000921	0.000754	0.000398
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.000077	0.000138	0.00008 J	< 0.0002	0.00018 J	0.000294	0.000376	0.00012 J
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.000231	< 0.0003	< 0.0003	< 0.0003	0.000342	0.000652	0.000616	0.000316
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.000154	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	0.000197	0.000148	0.000251	0.000537	0.000319	< 0.000200	0.000892	0.001470	0.0014	0.000611
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.000308	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.000462	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	0.00016 J	< 0.0002	0.000239	0.000248	0.000328	< 0.000200	0.000845	0.001510	0.00127	0.000613
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.12 J
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.47 J
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2 B	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	0.47 J

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

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

GW-20 Analyte	Unit	Remediation Objective (RO)	Result 2/16/2022	Result 5/9/2022	Result 9/7/2022	Result 11/29/2022	Result 2/14/2023	Result 5/16/2023	Result 9/14/2023	Result 10/26/2023
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	0.00062	0.00008 J	0.0007	0.000363	0.00067	0.000178	0.000635	0.000198
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	0.000693	0.000088 J	0.000921	0.00046	0.00065	0.000155	0.000976	0.000314
Benzo(a)pyrene	mg/L	0.0002	0.00224	0.000337	0.00271	0.00167	0.00282	0.000684	0.00315	0.00111
Benzo(b)fluoranthene	mg/L	0.00018	0.00198	0.000258	0.0024	0.00128	0.0022	0.000434	0.00269	0.000961
Benzo(g,h,i)perylene	mg/L	-	0.00219	0.000441	0.00283	0.00159	0.00261	0.000745	0.00324	0.00112
Benzo(k)fluoranthene	mg/L	0.00017	0.000629	0.00008 J	0.000695	0.000393	0.000508	0.000161	0.000771	0.000288
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	0.0016 J	< 0.002	< 0.002	< 0.002	0.0016 J	< 0.002
Chrysene	mg/L	0.0015	0.000937	0.000151	0.00118	0.000604	0.000941	0.000223	0.00131	0.000468
Dibenzo(a,h)anthracene	mg/L	0.0003	0.000408	< 0.0002	0.00049	0.00023	0.000475	0.00012 J	0.000681	0.00016 J
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	0.00069	< 0.0003	0.001	0.000582	0.000576	< 0.0003	0.00107	0.000333
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 B
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	0.00161	0.000345	0.00202	0.00107	0.00178	0.000442	0.00234	0.000712
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	< 0.0004	< 0.0004	< 0.01	< 0.0004	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.01	< 0.01	< 0.0004	< 0.01	< 0.01	< 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	0.00156	0.000208 B	0.00197	0.00112	0.00123	0.000362	0.00227	0.000534
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	< 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	< 2	< 2	< 2	0.47 BJ	< 2 B	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	0.16 J	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	0.48 J	0.52 J
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 - October 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	Result 11/16/2016	Result 2/15/2017	Result (DUP) 2/15/2017
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00006 J	0.00007 J	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.00384	< 0.002	0.00837	0.00812	0.001 J	< 0.002	---	---	---	---	---
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.0001	0.00022	0.00015	0.00016	< 0.0001	< 0.0001	---	---	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	0.00019	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	0.35 J	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	B	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	2.51	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	0.43 J	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	0.35 J	< 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 - October 2023
Ameren Taylorville, IL MGP Site

GW-21 Analyte	Unit	Remediation Objective (RO)	Result 5/17/2017	Result 8/17/2017	Result 11/21/2017	Result 2/14/2018	Result 5/10/2018	Result 8/13/2018	Result 11/8/2018	Result 2/19/2019	Result 5/7/2019	Result 8/14/2019	Result 11/13/2019
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	0.00016 J	< 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	0.000054 J	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00006 J	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000054 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	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.0019 J	0.0015 J	< 0.006	0.0013 J	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000043 J	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	---	---	---	---	---	---	---	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	0.00015 J	< 0.0021	0.000107 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	0.00011 J	< 0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	< 0.0002	< 0.0002	< 0.0002
Phenanthrene	mg/L	-	0.00018 J	< 0.0064	0.000214 B	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	0.00012 J	< 0.0027	< 0.0001 B	0.000041 J	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.1	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 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 - October 2023
Ameren Taylorville, IL MGP Site

GW-21 Analyte	Unit	Remediation Objective (RO)	Result 2/20/2020	Result 5/12/2020	Result 8/14/2020	Result 11/11/2020	Result 2/24/2021	Result 5/12/2021	Result 8/11/2021	Result 11/9/2021	Result 2/16/2022	Result 5/11/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.000214	< 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	< 0.000071	0.000072 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.000071	0.00007 J	< 0.0001	< 0.0002	< 0.0002	0.00012 J	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	0.000069 J	< 0.000071	0.000123	0.000074 J	< 0.000100	< 0.000100	0.000132	< 0.0001	0.000076 J	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.000143	0.0001 J	0.000054 J	< 0.000200	< 0.000200	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000052 J	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.00143	0.00271 C	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	0.00212	0.0016 J
Chrysene	mg/L	0.0015	< 0.0001	< 0.000071	0.000071 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000067 J	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.00714	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.000214	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.000143	< 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	0.000087 J	< 0.000071	0.000126	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.00714	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.00714	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0004
Naphthalene	mg/L	0.14	< 0.0002	< 0.000286	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.01
Phenanthrene	mg/L	-	< 0.0004	< 0.000429	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.000143	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	0.00018 J	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.12 J	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.47 J	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.1 J	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	0.43 J	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	0.57 J	< 2	< 2

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

Attachment B Summary of Analytical Results 2015 - October 2023 Ameren Taylorville, IL MGP Site								
GW-21 Analyte	Unit	Remediation Objective (RO)	Result 9/7/2022	Result 11/29/2022	Result 2/14/2023	Result 5/17/2023	Result 9/15/2023	Result 10/27/2023
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	0.000109	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000143
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	0.000056 J
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	0.0015 J	0.0017 J	< 0.002	< 0.002	0.00222
Chrysene	mg/L	0.0015	0.000052 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000089 J
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	< 0.0004	< 0.0004	< 0.01	< 0.0004	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.01	< 0.01	< 0.0004	< 0.01	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0006	< 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	< 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	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2 B	< 2 B	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2

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

Attachment B
Summary of Analytical Results
2015 - October 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	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	< 0.0208	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001
Acenaphthylene	mg/L	-	< 0.0208	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001
Anthracene	mg/L	2.1	< 0.0138	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00158	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.0001
Benzo(k)fluoranthene	mg/L	0.00017	< 0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.00417	< 0.002	0.0013	J	< 0.002	< 0.002	---	---	---	0.0015	J	0.00399
Chrysene	mg/L	0.0015	< 0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.00688	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---
Fluoranthene	mg/L	0.28	< 0.00438	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	0.0001	< 0.0001
Fluorene	mg/L	0.28	< 0.00438	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	0.00031	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	< 0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0133	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	0.000134
Pyrene	mg/L	0.21	< 0.00562	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0001
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 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	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	B	< 0.2	0.29	< 0.2	< 0.2	< 0.5
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	0.52	J	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	0.27	J	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 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 - October 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	Result 5/8/2019	Result 8/14/2019	Result 11/13/2019	Result 2/20/2020	Result 5/14/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000077
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000077
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000637	< 0.000231
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000088 J	< 0.000077
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000077
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000061 J	< 0.000077
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000154
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000077
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.0017 J	0.00445	0.00264	0.00477	< 0.002	< 0.002	0.00455	< 0.002	< 0.002	< 0.002	0.00191 C
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000084 J	< 0.000077
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000077
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00769
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	0.00015 J	< 0.0002	0.00015 J	< 0.0002	< 0.0002	< 0.0002	< 0.0002	0.000524	< 0.000231
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000154
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000093 J	< 0.000077
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00769
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00769
Naphthalene	mg/L	0.14	---	---	---	---	---	---	0.000203	< 0.0002	< 0.0002	< 0.0002	< 0.000308
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	0.000695	< 0.000462
Pyrene	mg/L	0.21	0.000035	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	0.000449	< 0.000154
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.5	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	< 2	0.5 J	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2	< 2	< 2	< 2

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

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

GW-22S Analyte	Unit	Remediation Objective (RO)	Result - DUP 5/14/2020	Result 8/13/2020	Result 11/9/2020	Result 2/22/2021	Result 5/12/2021	Result 8/11/2021	Result - DUP 8/11/2021	Result 11/9/2021	Result - DUP 11/9/2021	Result 2/16/2022	Result 5/10/2022
Acenaphthene	mg/L	0.42	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000068 J	< 0.0001
Anthracene	mg/L	2.1	< 0.000231	< 0.0003	< 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	< 0.000077	< 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	< 0.000077	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000071 J	0.00007 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.000154	< 0.0002	< 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	< 0.000077	< 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	< 0.00154 C	0.00279 C	0.00517	0.0017 J	0.00472	0.00983	0.00753	< 0.002 B	0.0016 BJ	< 0.002	0.00347
Chrysene	mg/L	0.0015	< 0.000077	< 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	< 0.000077	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.000231	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.000154	< 0.0002	< 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	< 0.000077	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.000308	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.000462	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.000154	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	0.14 J	< 1	< 1	< 1	0.11 J	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	0.2 J	< 1	< 1	0.39 J	0.47 J	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2 B	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	0.13 J	< 1	< 1	< 1	0.11 J	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	0.12 J
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	0.33 J	< 2	< 2	0.39 J	0.58 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 - October 2023
Ameren Taylorville, IL MGP Site

GW-22S Analyte	Unit	Remediation Objective (RO)	Result 9/7/2022	Result 11/29/2022	Result 2/14/2023	Result 5/16/2023	Result 9/14/2023	Result 10/26/2023
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	0.0019 J	0.0038
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	< 0.0004	< 0.0004	< 0.01	< 0.0004	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.01	< 0.01	< 0.0004	< 0.01	< 0.01	< 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	< 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	< 0.2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	0.47 BJ	< 2 B	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	0.22 J	0.25 J	< 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 - October 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	Result 11/15/2016	Result 2/15/2017	Result 5/16/2017	Result 8/17/2017
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00006 J	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.0029	0.00494	0.00646	0.00803	0.0011 J	---	---	---	---	0.00298	0.00913
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	0.00014	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	0.73	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	0.25 J	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

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

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

GW-22D Analyte	Unit	Remediation Objective (RO)	Result (DUP) 8/17/2017	Result 11/22/2017	Result 2/14/2018	Result 5/8/2018	Result 8/14/2018	Result 11/7/2018	Result 2/20/2019	Result (DUP) 2/20/2019	Result 5/8/2019	Result 8/14/2019	Result 11/13/2019	Result 2/20/2020
Acenaphthene	mg/L	0.42	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 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	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.00566	< 0.006	0.00529	0.00829	0.00939	0.00579	0.00243	0.00215	0.0111	0.00834	0.00636	< 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	---	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	0.000142	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 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	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	0.00126	< 0.0002	< 0.0002	< 0.0002
Phenanthrene	mg/L	-	< 0.0064	0.000882	< 0.0001	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.1	< 2	< 2	< 2	< 2	< 2	< 2	2.86	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2	< 2	< 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 - October 2023
Ameren Taylorville, IL MGP Site

GW-22D Analyte	Unit	Remediation Objective (RO)	Result 5/11/2020	Result 8/12/2020	Result 11/9/2020	Result 2/23/2021	Result 5/12/2021	Result 8/12/2021	Result 11/9/2021	Result 2/16/2022	Result 5/10/2022	Result 9/6/2022	Result 11/28/2022
Acenaphthene	mg/L	0.42	< 0.000081	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.000081	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.000242	< 0.0003	< 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	< 0.000081	< 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	< 0.000081	< 0.0001	< 0.0001	< 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	< 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	-	< 0.000161	< 0.0002	< 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	< 0.000081	< 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	< 0.00161 C	< 0.002 C	< 0.002 C	< 0.002 C	< 0.002	< 0.002	< 0.002 B	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.000081	< 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	< 0.000081	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.00806	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.000242	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.000161	< 0.0002	< 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	< 0.000081	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.00806	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.00806	< 0.01	< 0.0004	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.000323	< 0.0004	< 0.01	< 0.0004	< 0.0004	< 0.0004	0.000955	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.000484	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.000161	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	0.52	1.2	0.45 J	0.21 J	< 0.5 S	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	0.12 J	< 1 S	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	0.43 J	< 1 S	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2 B	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2 B
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	0.11 J	< 1 S	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2 S	< 2	< 2	0.11 J
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	0.54 J	< 2 S	< 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 - October 2023
Ameren Taylorville, IL MGP Site

GW-22D Analyte	Unit	Remediation Objective (RO)	Result 2/14/2023	Result 5/16/2023	Result 9/14/2023	Result 10/26/2023	Result - DUP 10/26/2023
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 B	< 0.0002 B
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	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.0004	< 0.01	< 0.01	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 0.2	< 0.2	< 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	0.59 J	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 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 - October 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	Result 5/12/2021	Result 8/11/2021	Result 11/8/2021	
Acenaphthene	mg/L	0.42	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
Acenaphthylene	mg/L	-	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
Anthracene	mg/L	2.1	< 0.0001	< 0.000226	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.00015	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.0015	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	
Chrysene	mg/L	0.0015	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.00752	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Fluoranthene	mg/L	0.28	< 0.0002	< 0.000226	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	
Fluorene	mg/L	0.28	< 0.0001	< 0.00015	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	
m,p-Cresol	mg/L	-	< 0.01	0.00069	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
o-Cresol	mg/L	0.35	< 0.01	< 0.00752	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	
Naphthalene	mg/L	0.14	< 0.0002	< 0.000301	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	
Phenanthrene	mg/L	-	< 0.0004	< 0.000451	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	
Pyrene	mg/L	0.21	< 0.0002	< 0.00015	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.11	J
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.48	J
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	
Naphthalene	µg/L	140	0.45	< 2	< 2	< 2	< 2	< 2	3.29	< 2	< 2	< 2	
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.1	J
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	0.58	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 - October 2023
Ameren Taylorville, IL MGP Site

GW-25 Analyte	Unit	Remediation Objective (RO)	Result 2/15/2022	Result 5/10/2022	Result 9/6/2022	Result 11/28/2022	Result 2/13/2023	Result 5/15/2023	Result 9/14/2023	Result 10/26/2023
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	0.012 J	< 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 B
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	< 0.0004	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.01	< 0.01	< 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	0.16 J
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 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	< 2	< 2	< 2 B	0.46 BJ	< 2 B	< 2	1.5 J	3.77
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	0.4 J	0.29 J	< 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 - October 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	Result 8/12/2021	Result 11/8/2021	Result 2/15/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000072 J	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.000213	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000081 J	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.000142	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.00142 C	< 0.002 C	< 0.002 C	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.00709	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.000213	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.000142	< 0.0002	< 0.0002	< 0.0002	< 0.0002	0.000215	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.000071	0.000082 J	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.00709	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.00709	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.000284	< 0.0004	< 0.0004	< 0.0004	< 0.0004	0.00429	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.000426	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.000142	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.15 J	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.52 J	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2 B	0.52 J	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.12 J	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	0.64 J	< 2

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

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

GW-26 Analyte	Unit	Remediation Objective (RO)	Result 5/10/2022	Result 9/6/2022	Result 11/28/2022	Result 2/13/2023	Result 5/15/2023	Result 9/15/2023	Result 10/26/2023
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	0.0018 J	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
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 B
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	< 0.0004	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.01	< 0.01	< 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 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
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 0.2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2 B	< 2 B	< 2	0.69 J	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	0.21 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	< 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 - October 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	Result 5/11/2021	Result 5/10/2022	Result 5/16/2023
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000234	< 0.0003	< 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	< 0.000078	< 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	< 0.000078	< 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	< 0.000078	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	0.00016	J	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0002	< 0.000156	< 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	< 0.000078	< 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	< 0.00156	C	< 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	< 0.000078	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---	---	< 0.00781	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000234	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000156	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	0.00014	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.0001	< 0.0001	---	---	---	---	---	---	< 0.00781	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	---	---	---	---	---	---	< 0.00781	< 0.01	< 0.01	< 0.0004
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	< 0.0002	< 0.000312	< 0.0004	< 0.0004	< 0.01
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.000469	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002	< 0.000156	< 0.0002	< 0.0002	B
Benzene	µg/L	5.0	< 2	< 2	< 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	< 2	< 2	< 0.2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	B	< 0.2	B	< 0.2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 2	B	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 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	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 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 - October 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	Result 5/11/2021	Result 5/10/2022	Result 5/16/2023
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000071	< 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	< 0.000214	< 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	< 0.000071	< 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	< 0.000071	< 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	< 0.000071	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0002	< 0.000143	< 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	< 0.000071	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	---	---	< 0.002	< 0.002	< 0.002	< 0.002	< 0.00143 C	0.0019 J	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 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	< 0.000071	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---	---	< 0.00714	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000214	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000143	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	---	---	< 0.00714	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.0001	---	---	---	---	---	---	< 0.00714	< 0.01	< 0.01	< 0.0004
Naphthalene	mg/L	0.14	---	---	---	---	---	---	< 0.0002	< 0.000286	< 0.0004	< 0.0004	< 0.01
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	0.00018 J	< 0.0064	< 0.0004	< 0.0004	< 0.000429	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002	< 0.000143	< 0.0002	< 0.0002 B	< 0.0002
Benzene	µg/L	5.0	< 2	< 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	< 2	< 0.2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2 B	< 0.2 B	< 0.2	< 0.2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 2 B	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 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	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	0.41 J	< 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 - October 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	Result 5/11/2021	Result 5/10/2022	Result - DUP 5/10/2022	Result 5/16/2023
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001	SR	< 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	< 0.000221	< 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	< 0.000074	< 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	< 0.000074	< 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	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0002	< 0.000147	< 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	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	---	< 0.002	< 0.002	0.0053	< 0.00147	C	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 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	< 0.000074	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	< 0.00735	< 0.01	0.00085	J	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000221	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000147	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	< 0.00735	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.0001	---	---	---	---	< 0.00735	< 0.01	< 0.01	< 0.01	< 0.0004
Naphthalene	mg/L	0.14	---	---	---	---	< 0.0002	< 0.000294	< 0.0004	< 0.0004	< 0.0004	< 0.01
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.000441	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002	< 0.000147	< 0.0002	< 0.0002	B	< 0.0002
Benzene	µg/L	5.0	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 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	< 0.2	< 0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 2	B	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 1	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 - October 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	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	< 0.0001	< 0.000073	< 0.0001	< 0.0001	< 0.0001 H
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.000073	< 0.0001	< 0.0001	< 0.0001 H
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	S < 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.000219	< 0.0003	< 0.0003	< 0.0003 H
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000073	< 0.0001	< 0.0001	< 0.0001 H
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000073	< 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	< 0.000073	< 0.0001	< 0.0001	< 0.0001 H
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	< 0.0002	< 0.0002 H
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	< 0.0001	< 0.0001 H
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	---	---	< 0.002	< 0.002	< 0.002	0.002	J < 0.00146	C < 0.002	< 0.002	< 0.002 H
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000073	< 0.0001	< 0.0001	< 0.0001 H
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	< 0.0002	< 0.0002 H
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	S < 0.0033	< 0.0033	---	---	---	< 0.0073	< 0.01	< 0.01	< 0.01 H
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	S < 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.0002	< 0.000219	< 0.0003	< 0.0003	< 0.0003 H
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.000146	< 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	< 0.0001	< 0.0001	< 0.000073	< 0.0002	< 0.0002	< 0.0002 H
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	---	---	< 0.0073	< 0.01	< 0.01	< 0.01 H
o-Cresol	mg/L	0.35	< 0.0001	---	---	---	---	---	---	< 0.0073	< 0.01	< 0.01	< 0.0004 H
Naphthalene	mg/L	0.14	---	---	---	---	---	< 0.0002	< 0.0002	< 0.000292	< 0.0004	< 0.0004	< 0.01 H
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	S < 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.0004	< 0.000438	< 0.0006	< 0.0006	< 0.0006 H
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	S < 0.0027	< 0.0027	< 0.0001	< 0.0002	< 0.0002	< 0.000146	< 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	< 0.5
Bromoform	µg/L	1.0	< 2	< 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	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 1	< 1	< 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	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	0.13
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 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 - October 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	Result 5/11/2022	Result 5/17/2023			
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0001	< 0.0001	< 0.0001	H		
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0001	< 0.0001	< 0.0001	H		
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000294	< 0.00024	< 0.000214	< 0.0003	< 0.0003	< 0.0003	H		
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0001	< 0.0001	< 0.0001	H		
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0002	< 0.0002	< 0.0002	H		
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0001	< 0.0001	< 0.0001	H		
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	< 0.0002	< 0.0002	H		
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	< 0.0001	< 0.0001	H		
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.0013	J	---	< 0.002	< 0.002	< 0.00588	< 0.0016	C	< 0.00143	C	< 0.002	< 0.002	0.0015	JH
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 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	< 0.000294	< 0.00008	< 0.000071	< 0.0002	< 0.0002	< 0.0002	< 0.0002	H	
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	---	< 0.008	< 0.00714	< 0.01	< 0.01	< 0.01	< 0.01	H	
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000588	< 0.00024	< 0.000214	< 0.0003	< 0.0003	< 0.0003	< 0.0003	H	
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000294	< 0.00016	< 0.000143	< 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	< 0.000294	< 0.00008	< 0.000071	< 0.0002	< 0.0002	< 0.0002	< 0.0002	H	
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	---	< 0.008	< 0.00714	< 0.01	< 0.01	< 0.01	< 0.01	H	
o-Cresol	mg/L	0.35	< 0.0001	---	---	---	---	---	< 0.008	< 0.00714	< 0.01	< 0.01	< 0.01	< 0.0004	H	
Naphthalene	mg/L	0.14	---	---	---	---	---	< 0.00059	< 0.00032	< 0.000286	< 0.0004	< 0.0004	< 0.01	< 0.01	H	
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.00118	< 0.00048	< 0.000429	< 0.0006	< 0.0006	< 0.0006	< 0.0006	H	
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0001	< 0.000588	< 0.00016	< 0.000143	< 0.0002	< 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	< 0.5	< 0.5	< 0.5		
Bromoform	µg/L	1.0	< 2	< 2	< 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	< 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	B	< 0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2		
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 2	< 2	B	< 2	< 2	< 2	< 2	< 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	B	< 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 - October 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	Trip Blank 2 Result 11/10/2021	Field Blank 1 Result 11/9/2021
Acenaphthene	mg/L	0.42	0.000193	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA	NA	NA	< 0.0001
Acenaphthylene	mg/L	-	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA	NA	NA	< 0.0001
Anthracene	mg/L	2.1	< 0.000231	< 0.0003	< 0.0003	< 0.0003	< 0.0003	NA	NA	NA	NA	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA	NA	NA	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0002	NA	NA	NA	NA	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA	NA	NA	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.000154	< 0.0002	< 0.0002	< 0.0002	< 0.0002	NA	NA	NA	NA	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA	NA	NA	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.00154 C	< 0.002 C	< 0.002 C	< 0.002 C	< 0.002	NA	NA	NA	NA	0.002 BJ
Chrysene	mg/L	0.0015	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA	NA	NA	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0002	NA	NA	NA	NA	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01	NA	NA	NA	NA	< 0.01
Fluoranthene	mg/L	0.28	< 0.000231	< 0.0003	< 0.0003	< 0.0003	< 0.0003	NA	NA	NA	NA	< 0.0003
Fluorene	mg/L	0.28	0.000311	< 0.0002	< 0.0002	< 0.0002	< 0.0002	NA	NA	NA	NA	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000077	< 0.0001	0.000078 J	< 0.0001	< 0.0002	NA	NA	NA	NA	< 0.0002
m,p-Cresol	mg/L	-	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01	NA	NA	NA	NA	< 0.01
o-Cresol	mg/L	0.35	< 0.00769	< 0.01	< 0.01	< 0.0004	< 0.0004	NA	NA	NA	NA	< 0.0004
Naphthalene	mg/L	0.14	< 0.000308	< 0.0004	< 0.0004	< 0.01	< 0.01	NA	NA	NA	NA	< 0.01
Phenanthrene	mg/L	-	< 0.000462	< 0.0006	< 0.0006	< 0.0006	< 0.0006	NA	NA	NA	NA	< 0.0006
Pyrene	mg/L	0.21	< 0.000154	< 0.0002	< 0.0002	< 0.0002	< 0.0002	NA	NA	NA	NA	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.21 J	0.2 J	0.12 J
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	0.29 J	< 1	< 1	0.21 J	0.85 J	0.93 J	0.37 J
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2 B	< 2	< 2	< 2	0.67 J	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.16 J	0.19 J	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	0.11 J	0.11 J	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	0.29 J	< 2	< 2	< 2	1 J	1.1 J	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

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

QC Samples Analyte	Unit	Remediation Objective (RO)	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	Trip Blank 1 Result 9/15/2023	Trip Blank 1 Result 10/25/2023	Field Blank 1 Result 10/26/2023	Field Blank 2 Result 10/27/2023
Acenaphthene	mg/L	0.42	NA	NA	NA	NA	NA	NA	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	NA	NA	NA	NA	NA	NA	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	NA	NA	NA	NA	NA	NA	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	NA	NA	NA	NA	NA	NA	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	NA	NA	NA	NA	NA	NA	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	NA	NA	NA	NA	NA	NA	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	NA	NA	NA	NA	NA	NA	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	NA	NA	NA	NA	NA	NA	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	NA	NA	NA	NA	NA	NA	< 0.002	< 0.002
Chrysene	mg/L	0.0015	NA	NA	NA	NA	NA	NA	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	NA	NA	NA	NA	NA	NA	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	NA	NA	NA	NA	NA	NA	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	NA	NA	NA	NA	NA	NA	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	NA	NA	NA	NA	NA	NA	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	NA	NA	NA	NA	NA	NA	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	NA	NA	NA	NA	NA	NA	< 0.01	< 0.01
o-Cresol	mg/L	0.35	NA	NA	NA	NA	NA	NA	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	NA	NA	NA	NA	NA	NA	< 0.01	< 0.01
Phenanthrene	mg/L	-	NA	NA	NA	NA	NA	NA	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	NA	NA	NA	NA	NA	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	< 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	< 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	< 2

Notes:
B = Analyte detected in associated method blank
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