



August 20, 2026

Mr. Gregory Miller
Illinois Environmental Protection Agency
2520 West Iles Avenue
Springfield, IL 62704

Dear Mr. Miller:

As required by Article IX (A) of the Consent Order (Case #93-3332), this is the Second Quarter 2026 Groundwater Report for the Taylorville Manufactured Gas Plant Site. This report is a summary of events. Reports and notifications of events are reported in addition to this summary throughout the quarter.

Second Quarter 2026 – Events

- Second quarter 2026 groundwater samples collected in May 2026 (results attached).
- Second quarter 2026 pump and treat system samples (results attached).
- Carbon changeout of lead vessel completed on April 17, 2026.
- Fence repairs on the parent parcel completed on May 6, 2026.

Third Quarter 2026 – Plans

- Bladder pump replacement at GW-15, GW-22S and GW-19S to be completed in August prior to groundwater sampling event.
- Collect third quarter 2026 groundwater samples in August.

Problems Encountered or Anticipated Problems

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

We have treated 1,425,612,297 gallons of groundwater through the system since startup until the end of June 2026. 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,

A handwritten signature in cursive script that reads "Brian H. Martin".

Brian H. Martin, CHMM, PMP
Senior Manager, Environmental Services
Environmental Strategy & Analysis
Ameren Services

Attachments

Attachments

Pumping Summary and Treatment Plant Results (April - June)

Monitoring Well Location Map

Year 2026 Quarter 2 Groundwater Sampling Results

MGP Pump & Treat System Summary
Taylorville, Illinois
April 2026

DATE	TOTALIZER		EXTRACTION	Water Level		Flow Data	Gallons		
	READING	FLOW		WELL	East		West	For Month	To Pond
Apr-26									
1	4,833,634	22,603	West	NM ⁽¹⁾	45				
2	4,856,237	54,296	West	NM ⁽¹⁾	45	Average		45,400	
3	4,910,533	35,511	West	NM ⁽¹⁾	44	Maximum		70,066	
4	4,946,044	68,119	West	NM ⁽¹⁾	45	Minimum		22,603	
5	5,014,163	49,486	West	NM ⁽¹⁾	45	Total Through March		1,421,186,860	
6	5,063,649	39,894	West	NM ⁽¹⁾	45	Total Through April		1,422,548,852	
7	5,103,543	50,848	West	NM ⁽¹⁾	45				
8	5,154,391	25,367	West	NM ⁽¹⁾	45				
9	5,179,758	50,227	West	NM ⁽¹⁾	45				
10	5,229,985	41,893	West	NM ⁽¹⁾	45				
11	5,271,878	44,077	West	NM ⁽¹⁾	45				
12	5,315,955	70,066	West	NM ⁽¹⁾	45				
13	5,386,021	50,256	West	NM ⁽¹⁾	42				
14	5,436,277	45,304	West	NM ⁽¹⁾	43				
15	5,481,581	35,737	West	NM ⁽¹⁾	45				
16	5,517,318	31,084	West	NM ⁽¹⁾	44				
17	5,548,402	40,755	West	NM ⁽¹⁾	44				
18	5,589,157	51,295	West	NM ⁽¹⁾	45				
19	5,640,452	58,768	West	NM ⁽¹⁾	45				
20	5,699,220	46,308	West	NM ⁽¹⁾	45				
21	5,745,528	27,738	West	NM ⁽¹⁾	46				
22	5,773,266	55,550	West	NM ⁽¹⁾	46				
23	5,828,816	55,494	West	NM ⁽¹⁾	46				
24	5,884,310	42,127	West	NM ⁽¹⁾	45				
25	5,926,437	46,112	West	NM ⁽¹⁾	46				
26	5,972,549	52,436	West	NM ⁽¹⁾	46				
27	6,024,985	50,038	West	NM ⁽¹⁾	46				
28	6,075,023	47,878	West	NM ⁽¹⁾	46				
29	6,122,901	26,493	West	NM ⁽¹⁾	46				
30	6,149,394	46,232	West	NM ⁽¹⁾	46				
May-26	6,195,626			NM ⁽¹⁾	46				

<u>Maintenance Summary</u>			
Well Cleaning		None	
Vessel	North	South	
Carbon Change	4/17/2026	None	
Cleaned Effluent Backwash Storage	None	None	
Back Washed Vessels	4/12/2026	None	
Changed Bag Filters	North	Middle	South
	4/2/2026	4/2/2026	4/2/2026
	4/9/2026	4/9/2026	4/9/2026
	4/16/2026	4/16/2026	4/16/2026
	4/23/2026	4/23/2026	4/23/2026
	4/30/2026	4/30/2026	4/30/2026
Drum Disposal	None		
Notes:			
Carbon Change Completed on Lag column (North) on 4/17/2026			
South column switched to lead, North column lag			

(1) Not measured - RW abandoned

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
April 2026

<u>Parameter</u>	<u>Units</u>	<u>30 Day Avg Limit</u>	<u>Daily Max</u>	<u>GW Cleanup Goals</u>	<u>4/1/2026</u>		<u>4/8/2026</u>		<u>4/15/2026</u>		<u>4/22/2026</u>		<u>4/29/2026</u>		<u>Average</u>	<u>Maximum</u>	
Lab pH		-	-	-	7.16	H	7.16	H	7.34	H	7.44	H	7.02	H	7.28	7.44	H
Iron, Dissolved	mg/L	-	-	-	ND		0.0937		ND		ND		ND		0.0937	0.0937	
Iron, Total	mg/L	-	-	-	0.924		0.9		0.93		1.15		1.08		0.976	1.15	
Acenaphthene	mg/L	-	-	0.42	0.00966		0.016		0.0121		0.00646		0.0159		0.0111	0.016	
Acenaphthylene	mg/L	-	-	-	0.00205		0.00407		0.0023		0.000858		0.00366		0.00232	0.00407	
Anthracene	mg/L	-	-	2.1	0.00278		0.00393		0.0033		0.00297		0.00315		0.00325	0.00393	
Benzo(a)anthracene	mg/L	-	-	0.00013	0.000325	B	0.000344		0.000173		0.000144		0.000323		0.000247	0.000344	
Benzo(a)pyrene	mg/L	-	-	0.00023	0.00018	J	0.00011	J	ND		ND		0.00018	J	0.00015	0.00018	J
Benzo(b)fluoranthene	mg/L	-	-	-	0.00015	J	ND		ND		ND		0.00014	J	0.00015	0.00015	J
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Chrysene	mg/L	-	-	-	0.00027		0.000315		0.00015	J	0.00019	J	0.000296		0.000231	0.000315	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Fluoranthene	mg/L	-	-	0.28	0.0025		0.00322		0.00267		0.00261		0.00272		0.00275	0.00322	
Fluorene	mg/L	-	-	-	0.00588		0.0083		0.00608		0.00498		0.00762		0.00631	0.0083	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
m,p-Cresol	mg/L	-	-	0.35	ND		0.00086	J	0.00075	J	ND		0.00088	J	0.00081	0.00086	J
o-Cresol	mg/L	-	-	0.35	0.00075	J	0.0011	J	0.0017	J	0.0022	J	0.0012	J	0.00144	0.0022	J
Phenanthrene	mg/L	-	-	-	0.0104		0.0157		0.011		ND		0.014		0.01237	0.0157	
Pyrene	mg/L	-	-	-	0.00296		0.00381		0.00297		0.00316		0.00331		0.00323	0.00381	
Total PNAs except Naphthalene	mg/L	-	-	-	0.0372		0.0558		0.0408		0.0267		0.0513		0.04013	0.0558	
Benzene	µg/L	-	-	5	53.3		56.9		55.4		57.1		50.2		55.7	57.1	
Ethylbenzene	µg/L	-	-	700	17.2		21.4		22.7		19		17.5		20.1	22.7	
m,p-Xylenes	µg/L	-	-	-	22.1		24.3		21.2		23.1		20.5		22.7	24.3	
Naphthalene	µg/L	-	-	25	130		156		152		127		112		141	156	
o-Xylene	µg/L	-	-	-	13.3		15.0		13.2		14.2		12.8		13.9	15.0	
Toluene	µg/L	-	-	1000	28.6		34.6		38.7		33.8		34.1		33.9	38.7	
Xylenes, Total	µg/L	-	-	10000	35.4		39.3		34.4		37.3		33.3		36.6	39.3	

ND=Not detected above the project acceptable detection limit

J=Analyte detected below reporting limits

BOLD text indicates exceedance of the groundwater quality standard

H = Holding times exceeded

B= Detected in associated method blank

Between Columns
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
April 2026

<u>Parameter</u>	<u>Units</u>	<u>30 Day Avg Limit</u>	<u>Daily Max</u>	<u>GW Cleanup Goals</u>	<u>4/1/2026</u>		<u>4/8/2026</u>		<u>4/15/2026</u>		<u>4/22/2026</u>		<u>4/29/2026</u>		<u>Average</u>	<u>Maximum</u>	
Lab pH		-	-	-	6.98	H	7.22	H	7.76	H	7.46	H	7.25	H	7.36	7.76	H
Iron, Dissolved	mg/L	-	-	-	ND		0.023	J	ND		ND		ND		0.023	0.023	J
Iron, Total	mg/L	-	-	-	0.21		0.195		0.219		ND		0.029	J	0.208	0.219	
Acenaphthene	mg/L	-	-	-	0.00372		0.0045		0.00344		ND		ND		0.00389	0.0045	
Acenaphthylene	mg/L	-	-	-	0.000934		0.0013		0.000761		ND		ND		0.000998	0.0013	
Anthracene	mg/L	-	-	-	0.000851		0.00101		0.000916		ND		ND		0.000926	0.00101	
Benzo(a)anthracene	mg/L	-	-	-	0.000098	BJ	0.000146		ND		ND		ND		0.000122	0.000146	
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		0.00013	J	ND		ND		ND		0.00013	0.00013	J
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Fluoranthene	mg/L	-	-	-	0.000753		0.000852		0.00068		ND		ND		0.000762	0.000852	
Fluorene	mg/L	-	-	-	0.00176		0.00201		0.00156		ND		ND		0.001777	0.00201	
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	-	-	-	0.00336		0.0045		0.00273		ND		ND		0.00353	0.0045	
Pyrene	mg/L	-	-	-	0.000885		0.00101		0.000767		ND		ND		0.000887	0.00101	
Total PNAs except Naphthalene	mg/L	-	-	-	0.0124		0.0155		0.0109		ND		ND		0.01293	0.0155	
Benzene	µg/L	-	-	-	13.4		14.6		12.2		ND		ND		13.4	14.6	
Ethylbenzene	µg/L	-	-	-	2.9		4.1		3.9		ND		ND		3.63	4.1	
m,p-Xylenes	µg/L	-	-	-	5.1		6		4.4		ND		ND		5.17	6.0	
Naphthalene	µg/L	-	-	-	29.1		36.6		29.1		2.4	J	ND		24.3	36.6	
o-Xylene	µg/L	-	-	-	3.4		3.9		2.9		ND		ND		3.4	3.9	
Toluene	µg/L	-	-	-	5.6		7.3		7.2		ND		ND		6.7	7.3	
Xylenes, Total	µg/L	-	-	-	8.6		10		7.3		ND		ND		8.6	10	

ND=Not detected above the project acceptable detection limit
J = Estimated concentration
H = Holding times exceeded
B= Detected in associated method blank

Effluent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
April 2026

<u>Parameter</u>	<u>Units</u>	<u>30 Day Avg Limit</u>	<u>Daily Max</u>	<u>GW Cleanup Goals</u>	<u>4/1/2026</u>		<u>4/8/2026</u>		<u>4/15/2026</u>		<u>4/22/2026</u>		<u>4/29/2026</u>		<u>Average</u>	<u>Maximum</u>	
Lab pH		-	-	-	7.47	H	7	H	7.83	H	7.37	H	7.39	H	7.42	7.83	H
Iron, Dissolved	mg/L	-	1	-	ND		ND		ND		ND		ND		ND	ND	
Iron, Total	mg/L	2	4	-	ND		ND		ND		ND		ND		ND	ND	
Acenaphthene	mg/L	-	0.0608	-	ND		ND		ND	H	ND		ND		ND	ND	H
Acenaphthylene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Anthracene	mg/L	-	0.0023	-	ND		ND		ND		ND		ND		ND	ND	
Benzo(a)anthracene	mg/L	-	0.001	-	ND	B	ND		ND		ND		ND		ND	ND	B
Benzo(a)pyrene	mg/L	-	0.0005	-	ND		ND		ND		ND		ND		ND	ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Chrysene	mg/L	-	-	-	ND		ND		ND		ND	S	ND		ND	ND	S
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Fluoranthene	mg/L	0.053	0.398	-	ND		ND		ND		ND		ND		ND	ND	
Fluorene	mg/L	-	-	-	ND		ND		ND	H	ND		ND		ND	ND	H
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
m,p-Cresol	mg/L	-	1.9	-	ND		ND		ND		ND		ND		ND	ND	
o-Cresol	mg/L	-	1.9	-	ND		ND		ND		ND		ND		ND	ND	
Phenanthrene	mg/L	-	0.01	-	ND		ND		ND		ND		ND		ND	ND	
Pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Total PNAs except Naphthalene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Benzene	µg/L	-	50	-	ND		ND		ND		ND		ND	SR	ND	ND	SR
Ethylbenzene	µg/L	17	216	-	ND		ND		ND		ND		ND	SR	ND	ND	SR
m,p-Xylenes	µg/L	-	-	-	ND		ND		ND		ND		ND	R	ND	ND	R
Naphthalene	µg/L	-	670	-	ND		ND		ND		ND		ND		ND	ND	
o-Xylene	µg/L	-	-	-	ND		ND		ND		ND		ND	SR	ND	ND	SR
Toluene	µg/L	70	750	-	ND		ND		ND		ND		ND	SR	ND	ND	SR
Xylenes, Total	µg/L	117	750	-	ND		ND		ND		ND		ND	SR	ND	ND	SR

ND=Not detected above the project acceptable detection limit
B=Analyte found in the method blank at a concentration
R=RPD outside acceptable recovery limits
SR= Surrogate recovery outside control limits
H = Holding times exceeded

Trip Blank
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
April 2026

<u>Parameter</u>	<u>Units</u>	<u>30 Day Avg Limit</u>	<u>Daily Max</u>	<u>GW Cleanup Goals</u>	<u>4/1/2026</u>	<u>4/8/2026</u>	<u>4/15/2026</u>	<u>4/22/2026</u>	<u>4/29/2026</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	ND	ND
o-Xylene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Toluene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	µg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND

ND=Not detected above the project acceptable detection limit

MGP Pump & Treat System Summary
Taylorville, Illinois
May 2026

DATE	TOTALIZER READING	FLOW	EXTRACTION WELL	Water Level		<u>Flow Data</u>		<u>Gallons</u>		
				East	West	For Month		1,519,440		
May-26							To Pond	1,519,440		
1	6,195,626	46,495	West	NM ⁽¹⁾	44		Below Pond	-		
2	6,242,121	46,370	West	NM ⁽¹⁾	46	Average		49,014		
3	6,288,491	44,846	West	NM ⁽¹⁾	46	Maximum		73,052		
4	6,333,337	50,445	West	NM ⁽¹⁾	47	Minimum		25,125		
5	6,383,782	40,294	West	NM ⁽¹⁾	47	Total Through April		1,422,548,852		
6	6,424,076	25,880	West	NM ⁽¹⁾	47	Total Through May		1,424,068,292		
7	6,449,956	70,055	West	NM ⁽¹⁾	47					
8	6,520,011	57,024	West	NM ⁽¹⁾	42					
9	6,577,035	59,047	West	NM ⁽¹⁾	43					
10	6,636,082	68,275	West	NM ⁽¹⁾	44					
11	6,704,357	61,365	West	NM ⁽¹⁾	41					
12	6,765,722	53,412	West	NM ⁽¹⁾	42					
13	6,819,134	39,854	West	NM ⁽¹⁾	45					
14	6,858,988	57,431	West	NM ⁽¹⁾	45					
15	6,916,419	43,157	West	NM ⁽¹⁾	45					
16	6,959,576	44,271	West	NM ⁽¹⁾	45					
17	7,003,847	54,380	West	NM ⁽¹⁾	45					
18	7,058,227	47,269	West	NM ⁽¹⁾	46					
19	7,105,496	43,998	West	NM ⁽¹⁾	46					
20	7,149,494	26,124	West	NM ⁽¹⁾	46					
21	7,175,618	56,918	West	NM ⁽¹⁾	46					
22	7,232,536	41,688	West	NM ⁽¹⁾	44					
23	7,274,224	46,929	West	NM ⁽¹⁾	45					
24	7,321,153	42,773	West	NM ⁽¹⁾	46					
25	7,363,926	48,219	West	NM ⁽¹⁾	46					
26	7,412,145	42,045	West	NM ⁽¹⁾	46					
27	7,454,190	25,125	West	NM ⁽¹⁾	46					
28	7,479,315	60,702	West	NM ⁽¹⁾	46					
29	7,540,017	55,902	West	NM ⁽¹⁾	44					
30	7,595,919	46,095	West	NM ⁽¹⁾	45					
31	7,642,014	73,052	West	NM ⁽¹⁾	45					
Jun-26	7,715,066		West	NM ⁽¹⁾	45					

(1) Not measured - RW abandoned

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
May 2026

<u>Parameter</u>	<u>Units</u>	<u>30 Day Avg Limit</u>	<u>Daily Max</u>	<u>GW Cleanup Goals</u>	<u>5/6/2026</u>		<u>5/13/2026</u>		<u>5/20/2026</u>		<u>5/27/2026</u>		<u>Average</u>	<u>Maximum</u>	
Lab pH		-	-	-	7.01	H	6.93	H	7.05	H	6.9	H	6.97	7.05	H
Iron, Dissolved	mg/L	-	-	-	ND		ND		ND		0.0459		0.0459	0.0459	
Iron, Total	mg/L	-	-	-	1.13		1.12		0.99		1.28		1.13	1.28	
Acenaphthene	mg/L	-	-	0.42	0.01250		0.01330		0.00815		0.01390		0.01196	0.01390	
Acenaphthylene	mg/L	-	-	-	0.00283		0.00290		0.00158		0.00322		0.00263	0.00322	
Anthracene	mg/L	-	-	2.1	0.00290		0.00240		0.00220		0.00354		0.00276	0.00354	
Benzo(a)anthracene	mg/L	-	-	0.00013	0.00026		0.00013		0.00018		0.00023		0.00020	0.00026	
Benzo(a)pyrene	mg/L	-	-	0.00023	ND		ND		ND		ND		ND	ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Chrysene	mg/L	-	-	-	0.000226		ND		0.00016	J	0.00017	J	0.00019	0.00023	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Fluoranthene	mg/L	-	-	0.28	0.00257		0.00192		0.00209		0.00293		0.00238	0.00293	
Fluorene	mg/L	-	-	-	0.00622		0.00579		0.0049		0.00796		0.00622	0.00796	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
m,p-Cresol	mg/L	-	-	0.35	0.00061	J	0.00070	J	ND		0.00120	J	0.00084	0.00120	J
o-Cresol	mg/L	-	-	0.35	0.00088	J	0.00093	J	0.00073	J	0.00210	J	0.00116	0.00210	J
Phenanthrene	mg/L	-	-	-	0.01170		0.01090		0.00595		0.00960		0.00954	0.01170	
Pyrene	mg/L	-	-	-	0.00307		0.00226		0.0025		0.00367		0.00288	0.00367	
Total PNAs except Naphthalene	mg/L	-	-	-	0.0423		0.0396		0.0277		0.0453		0.0387	0.0453	
Benzene	µg/L	-	-	5	42.9		51.3		48.8		48.2		47.8	51.3	
Ethylbenzene	µg/L	-	-	700	13		20.9		15.1		12.4		15.4	20.9	
m,p-Xylenes	µg/L	-	-	-	19		20.5		21.1		19.3		20.0	21.1	
Naphthalene	µg/L	-	-	25	102		155		108		122		122	155	
o-Xylene	µg/L	-	-	-	12.0		12.8		12.3		12.2		12.3	12.8	
Toluene	µg/L	-	-	1000	24.1		34.2		29.6	B	25.8		28.4	34.2	
Xylenes, Total	µg/L	-	-	10000	31.1		33.3		33.4		31.5		32.3	33.4	

ND=Not detected above the project acceptable detection limit

J=Analyte detected below reporting limits

BOLD text indicates exceedance of the groundwater quality standard

H = Holding times exceeded

B= Detected in associated method blank

Between Columns
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
May 2026

<u>Parameter</u>	<u>Units</u>	<u>30 Day Avg Limit</u>	<u>Daily Max</u>	<u>GW Cleanup Goals</u>	<u>5/6/2026</u>		<u>5/13/2026</u>		<u>5/20/2026</u>		<u>5/27/2026</u>		<u>Average</u>	<u>Maximum</u>	
Lab pH		-	-	-	7.01	H	6.83	H	6.97	H	6.90	H	6.93	7.01	H
Iron, Dissolved	mg/L	-	-	-	0.028	J	ND		0.025	J	ND		0.027	0.028	J
Iron, Total	mg/L	-	-	-	0.0573		ND		0.0583		ND		0.0578	0.0583	
Acenaphthene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Acenaphthylene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Benzo(a)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Benzo(a)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Chrysene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Fluorene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
m,p-Cresol	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
o-Cresol	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Phenanthrene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Total PNAs except Naphthalene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Benzene	µg/L	-	-	-	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		0.1	J	ND	B	ND		0.1	0.1	J
Xylenes, Total	µg/L	-	-	-	ND		ND		ND		ND		ND	ND	

ND=Not detected above the project acceptable detection limit

J = Estimated concentration

H = Holding times exceeded

B= Detected in associated method blank

Effluent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
May 2026

<u>Parameter</u>	<u>Units</u>	<u>30 Day Avg Limit</u>	<u>Daily Max</u>	<u>GW Cleanup Goals</u>	<u>5/6/2026</u>		<u>5/13/2026</u>		<u>5/20/2026</u>		<u>5/27/2026</u>		<u>Average</u>		<u>Maximum</u>	
Lab pH		-	-	-	6.85	H	6.91	H	7.06	H	7.00	H	6.96	H	7.06	H
Iron, Dissolved	mg/L	-	1	-	ND		ND		ND		ND		ND		ND	
Iron, Total	mg/L	2	4	-	ND		ND		ND		ND		ND		ND	
Acenaphthene	mg/L	-	0.0608	-	ND		ND		ND		ND		ND		ND	
Acenaphthylene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Anthracene	mg/L	-	0.0023	-	ND		ND		ND		ND		ND		ND	
Benzo(a)anthracene	mg/L	-	0.001	-	ND		ND		ND		ND		ND		ND	
Benzo(a)pyrene	mg/L	-	0.0005	-	ND		ND		ND		ND	R	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		ND		ND		ND	
Toluene	µg/L	70	750	-	ND		ND		ND	B	ND		ND		ND	
Xylenes, Total	µg/L	117	750	-	ND		ND		ND		ND		ND		ND	

ND=Not detected above the project acceptable detection limit

B=Analyte found in the method blank at a concentration

R=RPD outside acceptable recovery limits

Trip Blank
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
May 2026

<u>Parameter</u>	<u>Units</u>	<u>30 Day Avg Limit</u>	<u>Daily Max</u>	<u>GW Cleanup Goals</u>	<u>5/6/2026</u>	<u>5/13/2026</u>	<u>5/20/2026</u>	<u>5/27/2026</u>	<u>6/3/2026</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-B	ND	ND	ND	ND	ND	ND
Naphthalene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
o-Xylene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Toluene	µg/L	-	-	-	ND	ND	ND-B	ND	ND	ND	ND
Xylenes, Total	µg/L	-	-	-	ND-B	ND	ND	ND	ND	ND	ND

ND=Not detected above the project acceptable detection limit

B= Detected in associated method blank

MGP Pump & Treat System Summary
Taylorville, Illinois
June 2026

DATE	TOTALIZER		EXTRACTION	Water Level		Flow Data	Gallons			
	READING	FLOW		WELL	East					
Jun-26								To Pond		
1	7,715,066	47,295	West	NM ⁽¹⁾	45			Below Pond	1,544,005	
2	7,762,361	39,506	West	NM ⁽¹⁾	45	Average	51,467			
3	7,801,867	38,866	West	NM ⁽¹⁾	45	Maximum	73,846			
4	7,840,733	61,237	West	NM ⁽¹⁾	45	Minimum	15,169			
5	7,901,970	54,349	West	NM ⁽¹⁾	44	Total Through May	1,424,068,292			
6	7,956,319	60,167	West	NM ⁽¹⁾	44	Total Through June	1,425,612,297			
7	8,016,486	59,425	West	NM ⁽¹⁾	45					
8	8,075,911	54,938	West	NM ⁽¹⁾	45					
9	8,130,849	55,177	West	NM ⁽¹⁾	45	<u>Maintenance Summary</u>				
10	8,186,026	45,793	West	NM ⁽¹⁾	45					
11	8,231,819	46,025	West	NM ⁽¹⁾	44	Well Cleaning	None			
12	8,277,844	72,199	West	NM ⁽¹⁾	44	Vessel	North	South		
13	8,350,043	53,530	West	NM ⁽¹⁾	44	Carbon Change	None	None		
14	8,403,573	72,846	West	NM ⁽¹⁾	45	Cleaned Effluent Backwash Storage	None	None		
15	8,476,419	54,593	West	NM ⁽¹⁾	45	Back Washed Vessels	None	6/8/2026		
16	8,531,012	42,561	West	NM ⁽¹⁾	45	Changed Bag Filters	North	Middle	South	
17	8,573,573	15,169	West	NM ⁽¹⁾	45		6/4/2026	6/4/2026	6/4/2026	
18	8,588,742	50,316	West	NM ⁽¹⁾	44		6/11/2026	6/11/2026	6/11/2026	
19	8,639,058	61,762	West	NM ⁽¹⁾	43		6/18/2026	6/18/2026	6/18/2026	
20	8,700,820	57,099	West	NM ⁽¹⁾	44		6/25/2026	6/25/2026	6/25/2026	
21	8,757,919	57,476	West	NM ⁽¹⁾	45					
22	8,815,395	46,590	West	NM ⁽¹⁾	45					
23	8,861,985	43,028	West	NM ⁽¹⁾	45	Drum Disposal	None			
24	8,905,013	24,449	West	NM ⁽¹⁾	46					
25	8,929,462	73,846	West	NM ⁽¹⁾	46	Notes:				
26	9,003,308	45,491	West	NM ⁽¹⁾	44					
27	9,048,799	46,209	West	NM ⁽¹⁾	44					
28	9,095,008	71,898	West	NM ⁽¹⁾	45					
29	9,166,906	47,172	West	NM ⁽¹⁾	45					
30	9,214,078	44,993	West	NM ⁽¹⁾	46					
Jul-26	9,259,071		West	NM ⁽¹⁾	46					

(1) Not measured - RW abandoned

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
June 2026

<u>Parameter</u>	<u>Units</u>	<u>30 Day Avg Limit</u>	<u>Daily Max</u>	<u>GW Cleanup Goals</u>	<u>6/3/2026</u>		<u>6/10/2026</u>		<u>6/17/2026</u>		<u>6/24/2026</u>		<u>Average</u>	<u>Maximum</u>	
Lab pH		-	-	-	7.03	H	6.93	H	6.95	H	7.35	H	7.07	7.35	H
Iron, Dissolved	mg/L	-	-	-	0.02	J	0.034	J	ND		0.029	J	0.028	0.034	J
Iron, Total	mg/L	-	-	-	1.15		1.18		0.996		0.861		1.05	1.18	
Acenaphthene	mg/L	-	-	0.42	0.0112		0.0136		0.00911		0.0103		0.0111	0.0136	
Acenaphthylene	mg/L	-	-	-	0.00251		0.00318		0.00208		0.00204		0.002453	0.00318	
Anthracene	mg/L	-	-	2.1	0.00254		0.00341		0.00193		0.00261		0.002623	0.00341	
Benzo(a)anthracene	mg/L	-	-	0.00013	0.000222		0.000253		0.000121		0.000202		0.000200	0.000253	
Benzo(a)pyrene	mg/L	-	-	0.00023	ND		ND		ND		ND		ND	ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Chrysene	mg/L	-	-	-	0.00014	J	0.000218		ND		0.00016	J	0.000173	0.000218	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		0.000093	J	ND		ND		0.000093	0.000093	J
Fluoranthene	mg/L	-	-	0.28	0.00225		0.00302		0.00165		0.00232		0.00231	0.00302	
Fluorene	mg/L	-	-	-	0.00657		0.00654		0.00468		0.00541		0.00580	0.00657	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
m,p-Cresol	mg/L	-	-	0.35	0.0012	J	0.0023	J	0.0012	J	0.0009	J	0.0014	0.0023	J
o-Cresol	mg/L	-	-	0.35	0.0016	J	0.0049	J	0.002	J	0.0014	J	0.0025	0.0049	J
Phenanthrene	mg/L	-	-	-	0.0085		0.00958		0.00722		0.0067		0.00800	0.00958	
Pyrene	mg/L	-	-	-	0.00279		0.00367		0.00193		0.00282		0.00280	0.00367	
Total PNAs except Naphthalene	mg/L	-	-	-	0.0367		0.0436		0.0287		0.0326		0.0354	0.0436	
Benzene	µg/L	-	-	5	56.4		60.8		46.3		38.5		50.5	60.8	
Ethylbenzene	µg/L	-	-	700	17.4		25.6		16.2		13.3		18.1	25.6	
m,p-Xylenes	µg/L	-	-	-	21.7		23.7		19.3		20.9		21.4	23.7	
Naphthalene	µg/L	-	-	25	141		132		126		97		124	141	
o-Xylene	µg/L	-	-	-	13.4		15.1		11.9		12.7		13.3	15.1	
Toluene	µg/L	-	-	1000	33.8	B	47.0		29.8		23.6	B	33.6	47.0	
Xylenes, Total	µg/L	-	-	10000	35.1		38.8		31.2		33.6		34.7	38.8	

ND=Not detected above the project acceptable detection limit

J=Analyte detected below reporting limits

BOLD text indicates exceedance of the groundwater quality standard

H = Holding times exceeded

B= Detected in associated method blank

Between Columns
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
June 2026

<u>Parameter</u>	<u>Units</u>	<u>30 Day Avg Limit</u>	<u>Daily Max</u>	<u>GW Cleanup Goals</u>	<u>6/3/2026</u>		<u>6/10/2026</u>		<u>6/17/2026</u>		<u>6/24/2026</u>		<u>Average</u>		<u>Maximum</u>	
Lab pH		-	-	-	7.13	H	6.96	H	6.93	H	7.07	H	7.02	H	7.13	H
Iron, Dissolved	mg/L	-	-	-	0.0455		ND		ND		ND		0.0455		0.0455	
Iron, Total	mg/L	-	-	-	0.0867		ND		0.032	J	ND		0.0594		0.0867	
Acenaphthene	mg/L	-	-	-	ND		ND		ND		0.000078	J	0.000078		0.000078	J
Acenaphthylene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Benzo(a)anthracene	mg/L	-	-	-	ND		ND		ND		0.000073	J	0.000073		0.000073	J
Benzo(a)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Chrysene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Fluorene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
m,p-Cresol	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
o-Cresol	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Phenanthrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Total PNAs except Naphthalene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Benzene	µg/L	-	-	-	ND		0.1	J	ND		ND		0.1		0.1	J
Ethylbenzene	µg/L	-	-	-	ND		ND		ND		ND		ND		ND	
m,p-Xylenes	µg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Naphthalene	µg/L	-	-	-	ND		2		ND		ND		2.00		2.00	
o-Xylene	µg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Toluene	µg/L	-	-	-	ND	B	0.1	J	ND		ND	B	0.1		0.1	J
Xylenes, Total	µg/L	-	-	-	ND		ND		ND		ND		ND		ND	

ND=Not detected above the project acceptable detection limit

J = Estimated concentration

H = Holding times exceeded

B= Detected in associated method blank

Effluent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
June 2026

<u>Parameter</u>	<u>Units</u>	<u>30 Day Avg Limit</u>	<u>Daily Max</u>	<u>GW Cleanup Goals</u>	<u>6/3/2026</u>		<u>6/10/2026</u>		<u>6/17/2026</u>		<u>6/24/2026</u>		<u>Average</u>		<u>Maximum</u>	
Lab pH		-	-	-	6.97	H	7.05	H	7.01	H	7.00	H	7.01	H	7.05	H
Iron, Dissolved	mg/L	-	1	-	ND		ND		ND		ND		ND		ND	
Iron, Total	mg/L	2	4	-	ND		ND		ND		ND		ND		ND	
Acenaphthene	mg/L	-	0.0608	-	ND		ND		ND		ND		ND		ND	
Acenaphthylene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Anthracene	mg/L	-	0.0023	-	ND		ND		ND		ND		ND		ND	
Benzo(a)anthracene	mg/L	-	0.001	-	ND		ND		ND		ND		ND		ND	
Benzo(a)pyrene	mg/L	-	0.0005	-	ND		ND		ND		ND		ND		ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Chrysene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Fluoranthene	mg/L	0.053	0.398	-	ND		ND		ND		ND		ND		ND	
Fluorene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
m,p-Cresol	mg/L	-	1.9	-	ND		ND		ND		ND		ND		ND	
o-Cresol	mg/L	-	1.9	-	ND		ND		ND		ND		ND		ND	
Phenanthrene	mg/L	-	0.01	-	ND		ND		ND		ND		ND		ND	
Pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Total PNAs except Naphthalene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Benzene	µg/L	-	50	-	ND		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	B	ND		ND		ND	B	ND		ND	B
Xylenes, Total	µg/L	117	750	-	ND		ND		ND		ND		ND		ND	

ND=Not detected above the project acceptable detection limit

B=Analyte found in the method blank at a concentration

H = Holding times exceeded

Trip Blank
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
June 2026

<u>Parameter</u>	<u>Units</u>	<u>30 Day Avg Limit</u>	<u>Daily Max</u>	<u>GW Cleanup Goals</u>	<u>6/3/2026</u>	<u>6/10/2026</u>	<u>6/17/2026</u>	<u>6/24/2026</u>	<u>7/1/2026</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	ND	ND
o-Xylene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Toluene	µg/L	-	-	-	ND-B	ND	ND	ND-B	ND	ND	ND-B
Xylenes, Total	µg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND

ND=Not detected above the project acceptable detection limit

B= Detected in associated method blank

MONITORING WELL LOCATION MAP

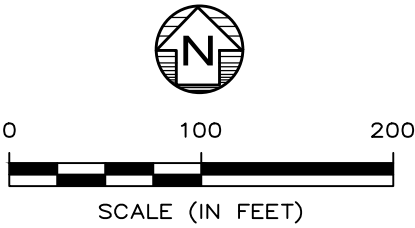


APPROXIMATE
PROPERTY
BOUNDARY

SOUTH WEBSTER STREET

LEGEND

-  MONITORING WELL
-  PERFORMANCE MONITORING WELL
-  ABANDONED MONITORING WELL



NOTE: PERFORMANCE MONITORING WELLS NOT SAMPLED DURING QUARTERLY GROUNDWATER MONITORING.

Drawn By FAK
CADD Review ERM
Date Drawn/Rev'd 4/3/24



FORMER CIPS MGP SITE 917 SOUTH WEBSTER STREET TAYLORVILLE, ILLINOIS Environmental Resources Management	CHK'D MA
	0721631
FIGURE 1	



ERM

1968 Craig Road
Suite 100
Saint Louis, MO 63146

T +1 314 733 4490
F +1 314 754 8121
erm.com

Mr. Brian Martin
Ameren Services Company
Senior Manager, Environmental and ESG Services
Environmental Strategy & Analysis
1901 Chouteau Avenue / MC 602
St. Louis, Missouri 63103

DATE
19 August 2026

SUBJECT
Year 2026 Quarter 2 Groundwater
Sampling Results
Former MGP Site – Taylorville, Illinois

REFERENCE
0813271

Dear Mr. Martin:

Environmental Resources Management, Inc. (ERM) has completed the second quarter 2026 groundwater sampling event which includes annual sampling of the expanded groundwater monitoring well network at the Ameren former manufactured gas plant (MGP) site, located at 917 South Webster Street in Taylorville, Illinois (the “Site”). The Site boundary is shown in orange on Figure 1. This report summarizes the field data and analytical results for the quarterly groundwater sampling event conducted from 27 May through 29 May 2026.

METHODOLOGY

During second quarter 2026 groundwater sampling event, groundwater samples were collected from 19 monitoring wells, including three (3) additional monitoring wells that are sampled annually during the second quarter. This monitoring well network includes six (6) monitoring wells inside the parent parcel, four (4) of which are located inside the Site boundary; eight (8) monitoring wells south of the parent parcel on Ameren owned parcels; and five (5) monitoring wells located offsite and outside of Ameren-owned property. Monitoring well location maps are provided as Figure 1 and Figure 2. The Site parent parcel boundary and Ameren-owned properties are shown on Figure 1.

Groundwater level measurements were recorded from each monitoring well prior to purging and sampling on 27 May 2026 using a decontaminated water level meter referenced from the marked top of casing to an accuracy of 0.01 feet. After completion of groundwater gauging, an equipment blank sample (EQB-001) was collected from the water level meter.

Purging and sampling was conducted at 15 of the 19 monitoring wells sampled during the second quarter 2026 sampling event using a dedicated bladder pump installed in the middle of the well screen. Dedicated tubing from the bladder pumps was connected to disposable polyethylene tubing (3/8-inch inner diameter by 1/2-inch outer diameter), which was subsequently connected to the water quality meter (YSI) flow-through cell.

During purging, field parameters: pH, specific conductivity (SC), dissolved oxygen (DO), temperature, oxidation reductive potential (ORP), and turbidity were collected using a calibrated YSI water quality meter and HACH turbidimeter at an initial reading, and upon purging each well volume. Purging was conducted until three (3) well volumes of groundwater were removed. Upon completion of purging, the YSI flow cell was disconnected from the disposable polyethylene tubing prior to the collection of each sample.

Monitoring well GW-4R, and annual monitoring wells GW-101S, GW-102S, and GW-102D, were sampled and purged using the dedicated bailers installed in these wells. The bailer was lowered to the bottom of the well screen and retrieved to collect groundwater. During purging, the field parameters: pH, SC, DO, temperature, ORP and turbidity (NTU) were collected using a calibrated YSI water quality meter and HACH turbidimeter at an initial reading, and upon purging each well volume. Purging was conducted until three (3) well volumes of groundwater were removed.

After three (3) volumes of groundwater were removed from each monitoring well, groundwater samples were collected from the polyethylene tubing or dedicated bailer and poured into laboratory provided containers and immediately placed in ice-filled coolers.

All purge water generated from groundwater purging and sampling activities was treated and discharged through the on-site groundwater treatment system (GWTS).

Quality assurance (QA) samples collected during the event included two (2) duplicates, one (1) matrix spike and matrix spike duplicate (MS/MSD), one (1) equipment blank and one (1) trip blank. Blind duplicate samples were collected from monitoring wells GW-4R and GW-26. These samples are identified on the chain-of-custody and analytical report as DUP-001 (GW-26) and DUP-002 (GW-4R).

Samples were handled under chain-of-custody procedures and were delivered to Teklab, Inc. (Teklab) in Collinsville, IL by ERM. Groundwater samples were analyzed for the constituents of concern (COCs) established in the United States Environmental Protection Agency (USEPA) 1992 Record of Decision (ROD) for the Site. The COCs for the Site are composed of select volatile organic compounds (VOCs) and polycyclic aromatic hydrocarbons (PAHs). VOCs were analyzed by USEPA Method 8260B and PAHs were analyzed by USEPA Method 8270C. All laboratory analytical reports and accompanying Level 4 Data Packages were provided by Teklab. The Level 4 Data Packages were requested to evaluate analytical data and determine usability, including analytical data results, quality control, and sample handling information.

GROUNDWATER MONITORING RESULTS

GROUNDWATER LEVELS

The measured depth to groundwater (DTW) from the monitoring wells during the second quarter 2026 groundwater sampling event ranged from 3.96 to 24.70 feet

below top of casing (BTOC). A groundwater elevation summary is provided as Attachment B.

The west extraction well at the Site is gauged daily using an airline gauge which measures the height of groundwater above the top of the pump. The depth to water at the west extraction well was approximately 39 feet below ground surface (bgs) on 27 May 2026, which correlates to an elevation of approximately 580 feet above mean sea level (AMSL). For comparison, the measured groundwater elevation at nearby monitoring well GW-7 is 598.97 feet AMSL, indicating that groundwater in this area flows toward the extraction well.

The groundwater contour shown on Figure 3 was developed using the groundwater elevations measured on 27 May 2026. For nested pair monitoring wells, groundwater elevations measured from the shallow monitoring wells were used in development of the groundwater contour rather than the deep monitoring wells due to the potential presence of a vertical groundwater gradient.

The hydraulic gradient on the Site is toward the extraction well. On the Site, there is a cone of depression around the extraction well, with the approximate extent depicted on Figure 3. Based on groundwater elevation measurements, a groundwater divide appears to exist near GW-25, where groundwater to the north of this well flows towards the extraction well and groundwater to the south of this well to the south-southwest along the regional hydraulic gradient.

DATA VALIDATION

ERM reviewed analytical data from the second quarter 2026 groundwater sampling event for compliance with quality assurance/quality control (QA/QC) requirements and method-prescribed criteria for review of holding time and sample preservation, blank samples, spike samples, surrogate spikes, and duplicate samples. Stage 3 data validation, including additional data review of calibration, internal standards, and recalculation, was completed for 20 percent of the samples.

Following the data validation, no samples required rejection, and the quality of the data generated was determined to be acceptable and usable for decision-making purposes. The limitations indicated by the following applied qualifiers should be considered when using this data. A 'j' qualifier, applied by the laboratory, indicates the result is an estimated concentration, below laboratory reporting limits. A 'J' qualifier, added following data validation by ERM, indicates the result is an estimated concentration. A 'J+' qualifier added following data validation by ERM indicates the result is an estimated concentration but may be biased high. The trip blank submitted with the second quarter 2026 groundwater sampling event indicated the presence of toluene. Therefore, detections of toluene in the groundwater samples were qualified as non-detect or 'J+' following the methodology described in the data validation summary.

These qualifiers are applied to sample results in the summary tables provided in Attachment C and Attachment D. The data validation summary for second quarter 2026 annual groundwater sampling event results is provided as Attachment E.

ANALYTICAL RESULTS

Analytical results from the groundwater samples collected during second quarter 2026 groundwater sampling event were compared to site-specific clean up objectives (CUOs) established in the USEPA 1992 ROD for the Site. The laboratory reports for the second quarter 2026 annual sampling event are provided as Attachment A. Attachment C contains the validated analytical data summary for the second quarter 2026 sampling event. Attachment D contains the historical data summary for the site monitoring wells from the period of February 2021 through May 2026.

Of the 19 monitoring wells sampled during the second quarter 2026 groundwater sampling event, samples at two (2) monitoring wells contained exceedances of Site CUOs.

Site Monitoring Wells

GW-4R

Benzene, naphthalene, benzo(a)anthracene, benzo(a)pyrene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene were detected in the primary and/or duplicate groundwater sample collected from GW-4R exceeding ROD CUOs.

These findings are consistent with what has been observed during past quarterly groundwater sampling events in that the highest concentrations of COCs on the Site have been noted in samples collected from GW-4R.

GW-7

Benzo(a)anthracene was detected in the primary groundwater sample collected at GW-7 exceeding CUOs. This finding is consistent with what has been observed during past quarterly groundwater sampling events.

Downgradient Monitoring Wells

Groundwater samples were collected from monitoring wells located on the downgradient perimeter of the Site, which included monitoring wells: GW-16S, GW-16D, GW-17, GW-18S, GW-18D, GW-19S, GW-19D, GW-20, GW-22S, GW-22D, GW-25, GW-26, GW-101S, GW-102S, and GW-102D. These groundwater samples did not have any exceedances of the ROD CUOs.

CONCLUSION

ERM conducted the second quarter 2026 groundwater sampling event at the Site from 27 May through 29 May 2026. Samples and groundwater level measurements were collected from 19 monitoring wells.

Groundwater flow at the Site was observed to be towards the extraction well, with hydraulic containment extending south to about GW-25. South of the Site, and on Ameren-owned property, the gradient is generally south-southwest.

Exceedances of CUOs from constituents known to be MGP COCs attributed to the Site were exclusively observed in groundwater samples collected from on-site monitoring wells GW-4R and GW-7. Groundwater samples collected from GW-4R continue to exhibit the highest concentrations of COCs.

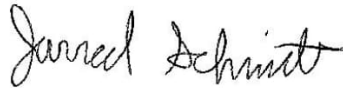
Groundwater samples collected from monitoring wells downgradient of the Site did not have any exceedances of the ROD CUOs.

The third quarter 2026 groundwater sampling event is scheduled to be completed in August 2026. Should you have any questions, please contact us at your convenience.

Sincerely,



Michael Abegg, RG (MO)
Senior Consultant



Jarred Schmidt
Principal Consultant



Dan Wilkens, PG
Partner



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FIGURE 1 – ONSITE WELL LOCATION MAP

FIGURE 2 – OFFSITE WELL LOCATION MAP

FIGURE 3 – GROUNDWATER CONTOUR SECOND QUARTER 2026

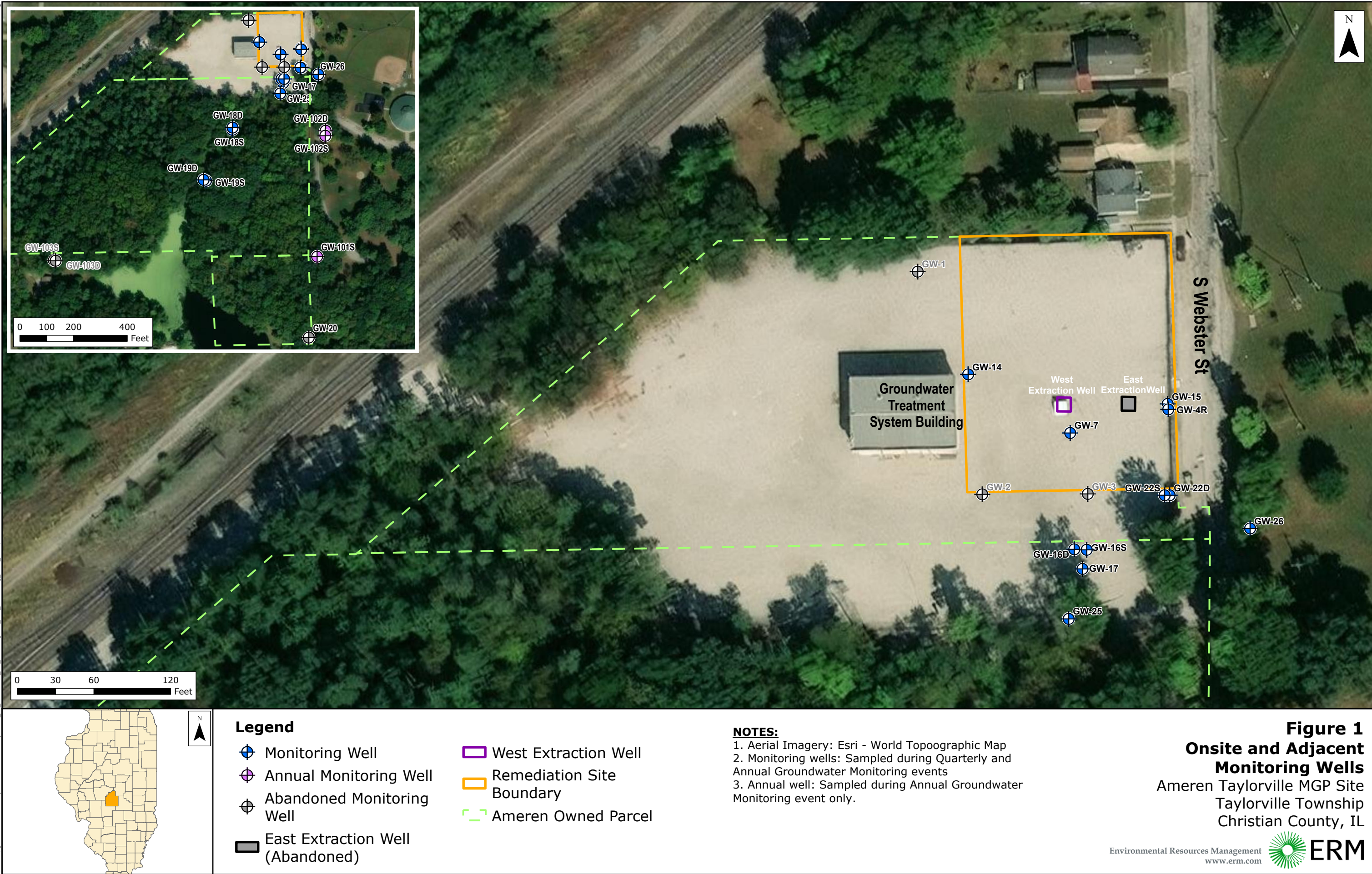
ATTACHMENT A – ANALYTICAL LAB REPORT

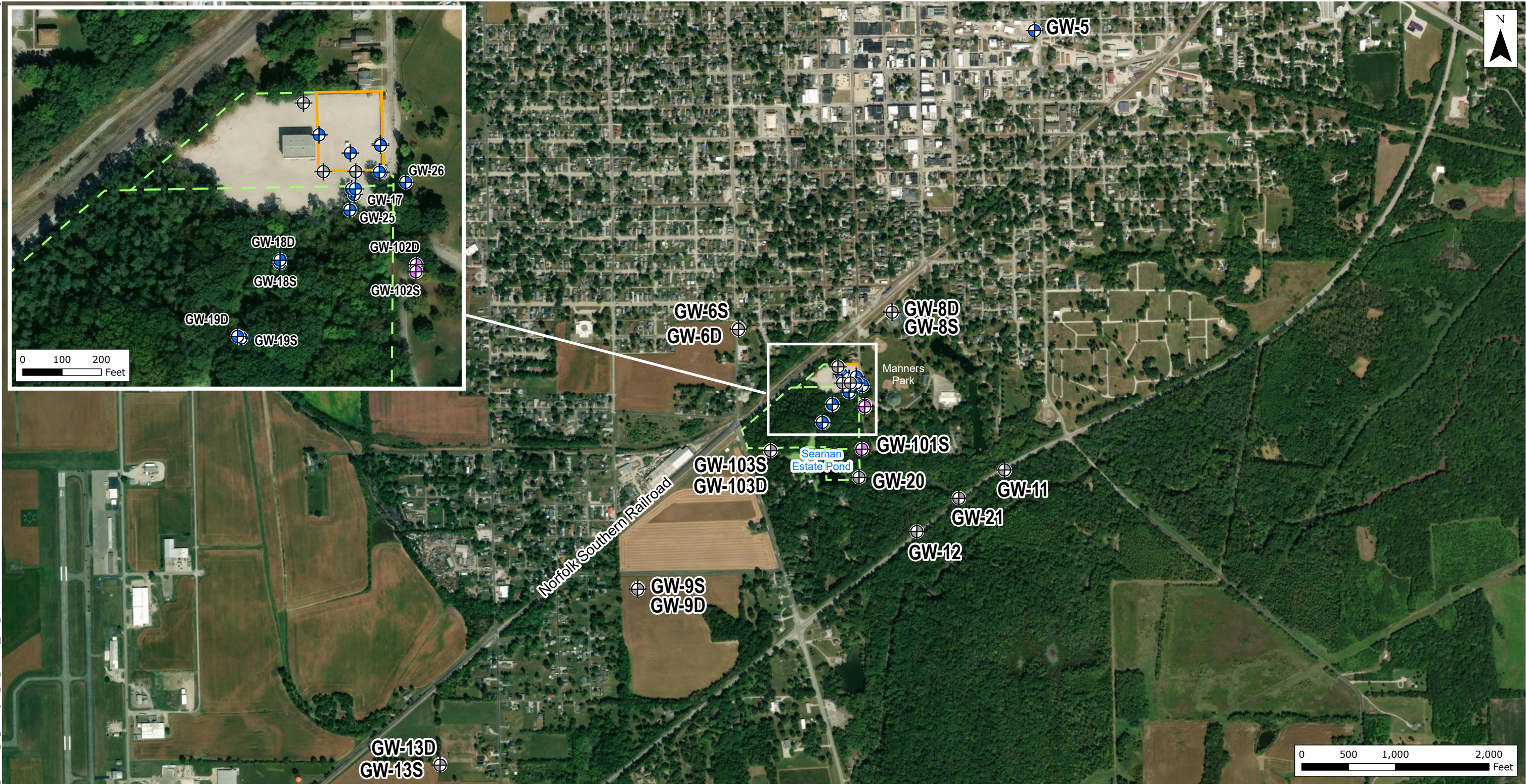
ATTACHMENT B – GROUNDWATER ELEVATION SUMMARY

ATTACHMENT C – SUMMARY OF SECOND QUARTER 2026 ANALYTICAL RESULTS

ATTACHMENT D – SUMMARY OF HISTORICAL ANALYTICAL RESULTS

ATTACHMENT E – DATA VALIDATION SUMMARY

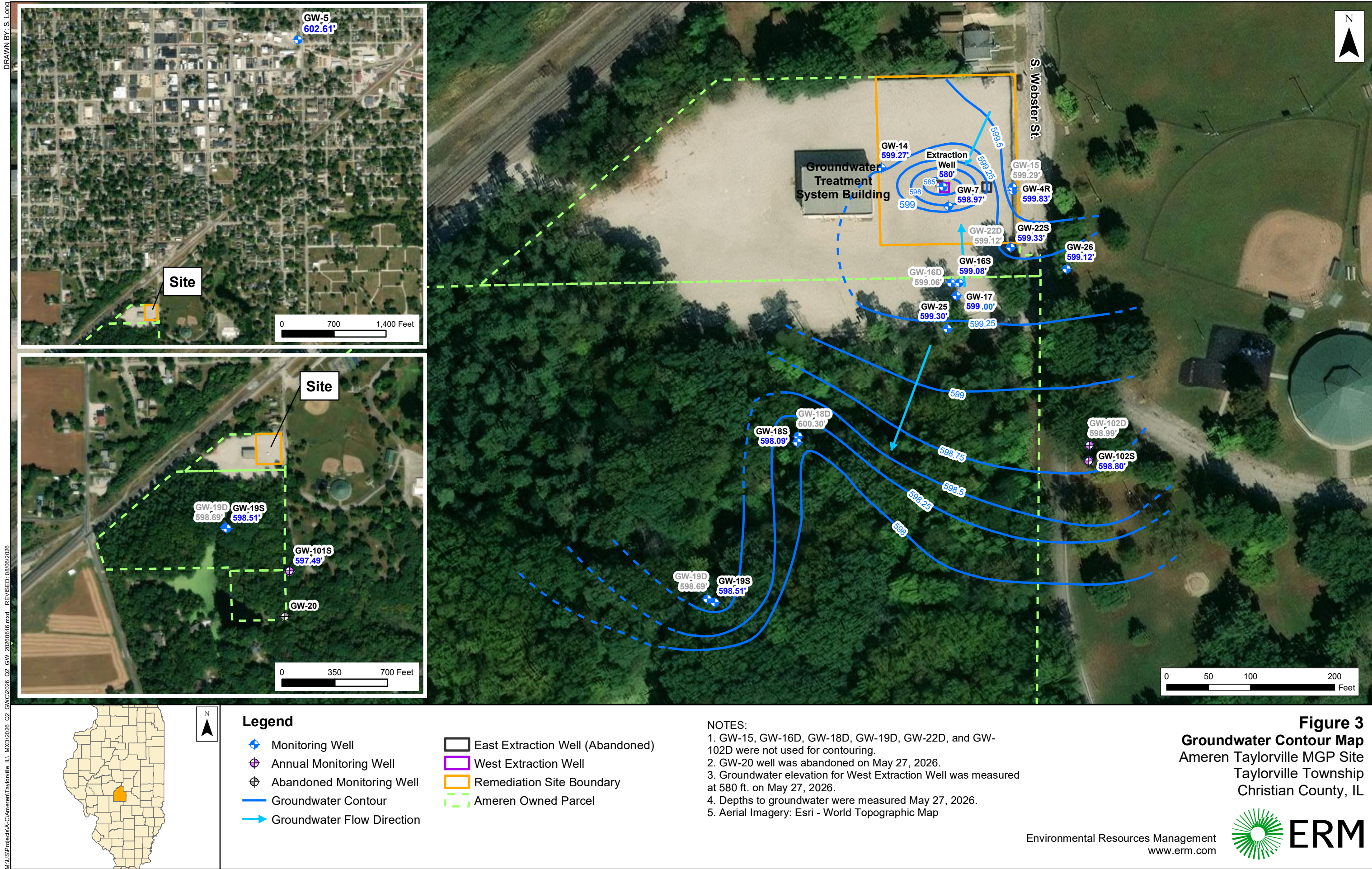




- Legend**
- Monitoring Well
 - Annual Monitoring Well
 - Abandoned Monitoring Well
 - Remediation Site Boundary
 - Ameren Owned Parcel

- NOTES:**
- GW-8S and GW-8D are pending abandonment, not included in Groundwater Monitoring
 - Monitoring wells: Sampled during Quarterly and Annual Groundwater Monitoring events
 - Annual well: Sampled during Annual Groundwater Monitoring event only.
 - Aerial Imagery: Esri - World Topographic Map

Figure 2
Offsite Monitoring Wells
Ameren Taylorville MGP Site
Taylorville Township
Christian County, IL





ATTACHMENT A ANALYTICAL LAB REPORT

June 09, 2026

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



Illinois	100467
Kansas	E-10374
Kansas	E-10438
Louisiana	05002
Oklahoma	9978

RE: Ameren Taylorville 2nd Qtr 2026

WorkOrder: 26052589

Dear Michael Abegg:

TEKLAB, INC received 23 samples on 5/29/2026 3:00:00 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
ehurley@teklabinc.com

Client: ERM

Work Order: 26052589

Client Project: Ameren Taylorville 2nd Qtr 2026

Report Date: 09-Jun-26

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	35
Receiving Check List	49
Chain of Custody	Appended

Client: ERM

Work Order: 26052589

Client Project: Ameren Taylorville 2nd Qtr 2026

Report Date: 09-Jun-26

Abbr Definition

- * Analytes on report marked with an asterisk are not NELAP accredited
- A Total Coliform and/or E. Coli (Result) is absent
- 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
- P Total Coliform and/or E. Coli (Result) is present
- 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).
- S Opinion for Colisure analysis is Satisfactory
- 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.
- T.O.P. Top of Pump
- 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)
- U Opinion for Colisure analysis is Unsatisfactory

Client: ERM

Work Order: 26052589

Client Project: Ameren Taylorville 2nd Qtr 2026

Report Date: 09-Jun-26

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: 26052589

Client Project: Ameren Taylorville 2nd Qtr 2026

Report Date: 09-Jun-26

Cooler Receipt Temp: 1.5 °C

Locations

Collinsville

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

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Phone (630) 324-6855
Fax
Email arenner@teklabinc.com

Client: ERM**Work Order:** 26052589**Client Project:** Ameren Taylorville 2nd Qtr 2026**Report Date:** 09-Jun-26

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100467	NELAP	1/31/2027	Collinsville
Kansas	KDHE	E-10438	NELAP	7/31/2026	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2027	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2027	Collinsville
Oklahoma	ODEQ	9978	NELAP	12/31/2026	Collinsville
Arkansas	ADEQ	88-0966		3/14/2027	Collinsville
Illinois	IDPH	17584		5/31/2027	Collinsville
Iowa	IDNR	430		6/1/2028	Collinsville
Kansas	KDHE	E-92716		1/31/2027	Collinsville
Kentucky	KWLCP	KY98050		12/31/2026	Collinsville
Kentucky	KWLCP	KY98006		12/31/2026	Collinsville
Kentucky	UST	0073		1/31/2027	Collinsville
Louisiana	LDEQ	05003		6/30/2026	Collinsville
Mississippi	MSDH			4/30/2026	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville
Missouri	MDNR	930		1/31/2028	Collinsville

Client: ERM

Work Order: 26052589

Client Project: Ameren Taylorville 2nd Qtr 2026

Report Date: 09-Jun-26

Lab ID: 26052589-001

Client Sample ID: GW-04R-WG-20260529

Matrix: GROUNDWATER

Collection Date: 05/29/2026 13:15

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.00700	0.0100		0.0201	mg/L	100	06/09/2026 5:27	257601
Acenaphthylene	NELAP	0.0050	0.010	J	0.0082	mg/L	100	06/09/2026 5:27	257601
Anthracene	NELAP	0.000200	0.000300		0.00264	mg/L	1	06/07/2026 21:12	257601
Benzo(a)anthracene	NELAP	0.000070	0.000100		0.00440	mg/L	1	06/07/2026 21:12	257601
Benzo(a)pyrene	NELAP	0.000110	0.000200		0.000617	mg/L	1	06/07/2026 21:12	257601
Benzo(b)fluoranthene	NELAP	0.0130	0.0200		ND	mg/L	100	06/09/2026 5:27	257601
Benzo(g,h,i)perylene	NELAP	0.000120	0.000200		0.00130	mg/L	1	06/07/2026 21:12	257601
Benzo(k)fluoranthene	NELAP	0.000120	0.000200		0.00138	mg/L	1	06/07/2026 21:12	257601
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	06/07/2026 21:12	257601
Chrysene	NELAP	0.0120	0.0200		ND	mg/L	100	06/09/2026 5:27	257601
Dibenzo(a,h)anthracene	NELAP	0.000080	0.000100		0.000625	mg/L	1	06/07/2026 21:12	257601
Di-n-butyl phthalate	NELAP	0.000830	0.0100		ND	mg/L	1	06/07/2026 21:12	257601
Fluoranthene	NELAP	0.0270	0.0300		ND	mg/L	100	06/09/2026 5:27	257601
Fluorene	NELAP	0.0170	0.0200		0.0775	mg/L	100	06/09/2026 5:27	257601
Indeno(1,2,3-cd)pyrene	NELAP	0.000160	0.000200		0.00141	mg/L	1	06/07/2026 21:12	257601
m,p-Cresol	NELAP	0.00059	0.010	J	0.0018	mg/L	1	06/07/2026 21:12	257601
Naphthalene	NELAP	0.0160	0.0400		0.396	mg/L	100	06/09/2026 5:27	257601
o-Cresol	NELAP	0.000540	0.0100		ND	mg/L	1	06/07/2026 21:12	257601
Phenanthrene	NELAP	0.0530	0.0600		0.112	mg/L	100	06/09/2026 5:27	257601
Pyrene	NELAP	0.0180	0.0200		ND	mg/L	100	06/09/2026 5:27	257601
Surr: 2,4,6-Tribromophenol	*	0	40-156		91.7	%REC	1	06/07/2026 21:12	257601
Surr: 2-Fluorobiphenyl	*	0	39-117		85.3	%REC	1	06/07/2026 21:12	257601
Surr: 2-Fluorophenol	*	0	26.7-139		84.1	%REC	1	06/07/2026 21:12	257601
Surr: Nitrobenzene-d5	*	0	37.1-121		86.6	%REC	1	06/07/2026 21:12	257601
Surr: Phenol-d5	*	0	24.9-122		81.7	%REC	1	06/07/2026 21:12	257601
Surr: p-Terphenyl-d14	*	0	49.6-138		75.6	%REC	1	06/07/2026 21:12	257601

Elevated reporting limit due to high levels of target analytes.

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.50	5.00		511	µg/L	10	06/06/2026 9:03	257847
Bromoform	NELAP	3.60	20.0		ND	µg/L	10	06/06/2026 9:03	257847
Ethylbenzene	NELAP	1.00	10.0		206	µg/L	10	06/06/2026 9:03	257847
m,p-Xylenes	NELAP	1.60	10.0		41.3	µg/L	10	06/06/2026 9:03	257847
Methylene chloride	NELAP	3.80	20.0		ND	µg/L	10	06/06/2026 9:03	257847
Naphthalene	NELAP	9.40	20.0		704	µg/L	10	06/06/2026 9:03	257847
o-Xylene	NELAP	0.50	10.0		130	µg/L	10	06/06/2026 9:03	257847
Toluene	NELAP	1.10	20.0		80.9	µg/L	10	06/06/2026 9:03	257847
trans-1,2-Dichloroethene	NELAP	1.00	20.0		ND	µg/L	10	06/06/2026 9:03	257847
Xylenes, Total	NELAP	1.60	20.0		172	µg/L	10	06/06/2026 9:03	257847
Surr: 1,2-Dichloroethane-d4	*	0	80-120		104.6	%REC	10	06/06/2026 9:03	257847
Surr: 4-Bromofluorobenzene	*	0	80-120		100.3	%REC	10	06/06/2026 9:03	257847
Surr: Dibromofluoromethane	*	0	80-120		99.6	%REC	10	06/06/2026 9:03	257847
Surr: Toluene-d8	*	0	80-120		105.6	%REC	10	06/06/2026 9:03	257847

Results have less certainty for Bromoform - Client Requested Quantitation Limit is below the method limit of quantitation.

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

Client: ERM

Work Order: 26052589

Client Project: Ameren Taylorville 2nd Qtr 2026

Report Date: 09-Jun-26

Lab ID: 26052589-002

Client Sample ID: GW-05-WG-20260527

Matrix: GROUNDWATER

Collection Date: 05/27/2026 17:35

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	1.000070	0.000100		ND	mg/L	1	06/06/2026 14:23	257516
Acenaphthylene	NELAP	1.000050	0.000100		ND	mg/L	1	06/06/2026 14:23	257516
Anthracene	NELAP	1.000200	0.000300		ND	mg/L	1	06/06/2026 14:23	257516
Benzo(a)anthracene	NELAP	1.000070	0.000100		ND	mg/L	1	06/06/2026 14:23	257516
Benzo(a)pyrene	NELAP	1.000110	0.000200		ND	mg/L	1	06/06/2026 14:23	257516
Benzo(b)fluoranthene	NELAP	1.000130	0.000200		ND	mg/L	1	06/06/2026 14:23	257516
Benzo(g,h,i)perylene	NELAP	1.000120	0.000200		ND	mg/L	1	06/06/2026 14:23	257516
Benzo(k)fluoranthene	NELAP	1.000120	0.000200		ND	mg/L	1	06/06/2026 14:23	257516
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	06/06/2026 14:23	257516
Chrysene	NELAP	1.000120	0.000200		ND	mg/L	1	06/06/2026 14:23	257516
Dibenzo(a,h)anthracene	NELAP	1.000080	0.000100		ND	mg/L	1	06/06/2026 14:23	257516
Di-n-butyl phthalate	NELAP	1.000830	0.0100	B	ND	mg/L	1	06/06/2026 14:23	257516
Fluoranthene	NELAP	1.000270	0.000300		ND	mg/L	1	06/06/2026 14:23	257516
Fluorene	NELAP	1.000170	0.000200		ND	mg/L	1	06/06/2026 14:23	257516
Indeno(1,2,3-cd)pyrene	NELAP	1.000160	0.000200		ND	mg/L	1	06/06/2026 14:23	257516
m,p-Cresol	NELAP	1.000590	0.0100		ND	mg/L	1	06/09/2026 4:50	257516
Naphthalene	NELAP	1.000160	0.000400		ND	mg/L	1	06/06/2026 14:23	257516
o-Cresol	NELAP	1.000540	0.0100		ND	mg/L	1	06/06/2026 14:23	257516
Phenanthrene	NELAP	1.000530	0.000600		ND	mg/L	1	06/06/2026 14:23	257516
Pyrene	NELAP	1.000180	0.000200		ND	mg/L	1	06/06/2026 14:23	257516
Surr: 2,4,6-Tribromophenol	*	0	40-156		103.5	%REC	1	06/06/2026 14:23	257516
Surr: 2-Fluorobiphenyl	*	0	39-117		80.7	%REC	1	06/06/2026 14:23	257516
Surr: 2-Fluorophenol	*	0	26.7-139		72.9	%REC	1	06/06/2026 14:23	257516
Surr: Nitrobenzene-d5	*	0	37.1-121		85.9	%REC	1	06/06/2026 14:23	257516
Surr: Phenol-d5	*	0	24.9-122		95.8	%REC	1	06/06/2026 14:23	257516
Surr: p-Terphenyl-d14	*	0	49.6-138		109.9	%REC	1	06/06/2026 14:23	257516

Contamination present in the MBLK for Di-n-butyl phthalate. Sample results below the reporting limit are reportable per the TNI Standard.

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	06/06/2026 4:13	257847
Bromoform	NELAP	0.36	2.00		ND	µg/L	1	06/06/2026 4:13	257847
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	06/06/2026 4:13	257847
m,p-Xylenes	NELAP	0.16	1.00		ND	µg/L	1	06/06/2026 4:13	257847
Methylene chloride	NELAP	0.38	2.00		ND	µg/L	1	06/06/2026 4:13	257847
Naphthalene	NELAP	0.94	2.00		ND	µg/L	1	06/06/2026 4:13	257847
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	06/06/2026 4:13	257847
Toluene	NELAP	0.11	2.00		ND	µg/L	1	06/06/2026 4:13	257847
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	06/06/2026 4:13	257847
Xylenes, Total	NELAP	0.16	2.00		ND	µg/L	1	06/06/2026 4:13	257847
Surr: 1,2-Dichloroethane-d4	*	0	80-120		102.8	%REC	1	06/06/2026 4:13	257847
Surr: 4-Bromofluorobenzene	*	0	80-120		100.3	%REC	1	06/06/2026 4:13	257847
Surr: Dibromofluoromethane	*	0	80-120		98.4	%REC	1	06/06/2026 4:13	257847
Surr: Toluene-d8	*	0	80-120		106.7	%REC	1	06/06/2026 4:13	257847

Results have less certainty for Bromoform - Client Requested Quantitation Limit is below the method limit of quantitation.

Client: ERM

Work Order: 26052589

Client Project: Ameren Taylorville 2nd Qtr 2026

Report Date: 09-Jun-26

Lab ID: 26052589-003

Client Sample ID: GW-07-WG-20260529

Matrix: GROUNDWATER

Collection Date: 05/29/2026 12:45

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	1.000070	0.000100		0.000166	mg/L	1	06/06/2026 15:02	257516
Acenaphthylene	NELAP	1.000050	0.000100		0.000167	mg/L	1	06/06/2026 15:02	257516
Anthracene	NELAP	1.000200	0.000300		0.00110	mg/L	1	06/06/2026 15:02	257516
Benzo(a)anthracene	NELAP	1.000070	0.000100		0.000227	mg/L	1	06/06/2026 15:02	257516
Benzo(a)pyrene	NELAP	1.000110	0.000200		ND	mg/L	1	06/06/2026 15:02	257516
Benzo(b)fluoranthene	NELAP	1.000130	0.000200		ND	mg/L	1	06/06/2026 15:02	257516
Benzo(g,h,i)perylene	NELAP	1.000120	0.000200		ND	mg/L	1	06/06/2026 15:02	257516
Benzo(k)fluoranthene	NELAP	1.000120	0.000200		ND	mg/L	1	06/06/2026 15:02	257516
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	06/06/2026 15:02	257516
Chrysene	NELAP	0.00012	0.00020	J	0.00019	mg/L	1	06/06/2026 15:02	257516
Dibenzo(a,h)anthracene	NELAP	1.000080	0.000100		ND	mg/L	1	06/06/2026 15:02	257516
Di-n-butyl phthalate	NELAP	1.000830	0.0100	B	ND	mg/L	1	06/06/2026 15:02	257516
Fluoranthene	NELAP	1.000270	0.000300		0.000578	mg/L	1	06/06/2026 15:02	257516
Fluorene	NELAP	1.000170	0.000200		0.000358	mg/L	1	06/06/2026 15:02	257516
Indeno(1,2,3-cd)pyrene	NELAP	1.000160	0.000200		ND	mg/L	1	06/06/2026 15:02	257516
m,p-Cresol	NELAP	1.000590	0.0100		ND	mg/L	1	06/08/2026 13:08	257516
Naphthalene	NELAP	1.000160	0.000400		ND	mg/L	1	06/06/2026 15:02	257516
o-Cresol	NELAP	1.000540	0.0100		ND	mg/L	1	06/06/2026 15:02	257516
Phenanthrene	NELAP	1.000530	0.000600		ND	mg/L	1	06/06/2026 15:02	257516
Pyrene	NELAP	1.000180	0.000200		0.00252	mg/L	1	06/06/2026 15:02	257516
Surr: 2,4,6-Tribromophenol	*	0	40-156		100.2	%REC	1	06/06/2026 15:02	257516
Surr: 2-Fluorobiphenyl	*	0	39-117		79.3	%REC	1	06/06/2026 15:02	257516
Surr: 2-Fluorophenol	*	0	26.7-139		85.7	%REC	1	06/06/2026 15:02	257516
Surr: Nitrobenzene-d5	*	0	37.1-121		83.8	%REC	1	06/06/2026 15:02	257516
Surr: Phenol-d5	*	0	24.9-122		82.9	%REC	1	06/06/2026 15:02	257516
Surr: p-Terphenyl-d14	*	0	49.6-138		103.4	%REC	1	06/06/2026 15:02	257516

Contamination present in the MBLK for Di-n-butyl phthalate. Sample results below the reporting limit are reportable per the TNI Standard.

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	06/06/2026 4:37	257847
Bromoform	NELAP	0.36	2.00		ND	µg/L	1	06/06/2026 4:37	257847
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	06/06/2026 4:37	257847
m,p-Xylenes	NELAP	0.16	1.00		ND	µg/L	1	06/06/2026 4:37	257847
Methylene chloride	NELAP	0.38	2.00		ND	µg/L	1	06/06/2026 4:37	257847
Naphthalene	NELAP	0.94	2.00		ND	µg/L	1	06/06/2026 4:37	257847
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	06/06/2026 4:37	257847
Toluene	NELAP	0.11	2.00		ND	µg/L	1	06/06/2026 4:37	257847
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	06/06/2026 4:37	257847
Xylenes, Total	NELAP	0.16	2.00		ND	µg/L	1	06/06/2026 4:37	257847
Surr: 1,2-Dichloroethane-d4	*	0	80-120		101.7	%REC	1	06/06/2026 4:37	257847
Surr: 4-Bromofluorobenzene	*	0	80-120		99.9	%REC	1	06/06/2026 4:37	257847
Surr: Dibromofluoromethane	*	0	80-120		97.9	%REC	1	06/06/2026 4:37	257847
Surr: Toluene-d8	*	0	80-120		104.8	%REC	1	06/06/2026 4:37	257847

Results have less certainty for Bromoform - Client Requested Quantitation Limit is below the method limit of quantitation.

Client: ERM

Work Order: 26052589

Client Project: Ameren Taylorville 2nd Qtr 2026

Report Date: 09-Jun-26

Lab ID: 26052589-004

Client Sample ID: GW-14-WG-20260528

Matrix: GROUNDWATER

Collection Date: 05/28/2026 18:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	1.000070	0.000100		ND	mg/L	1	06/06/2026 15:40	257516
Acenaphthylene	NELAP	1.000050	0.000100		ND	mg/L	1	06/06/2026 15:40	257516
Anthracene	NELAP	1.000200	0.000300		ND	mg/L	1	06/06/2026 15:40	257516
Benzo(a)anthracene	NELAP	1.000070	0.000100		ND	mg/L	1	06/06/2026 15:40	257516
Benzo(a)pyrene	NELAP	1.000110	0.000200		ND	mg/L	1	06/06/2026 15:40	257516
Benzo(b)fluoranthene	NELAP	1.000130	0.000200		ND	mg/L	1	06/06/2026 15:40	257516
Benzo(g,h,i)perylene	NELAP	1.000120	0.000200		ND	mg/L	1	06/06/2026 15:40	257516
Benzo(k)fluoranthene	NELAP	1.000120	0.000200		ND	mg/L	1	06/06/2026 15:40	257516
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	06/06/2026 15:40	257516
Chrysene	NELAP	1.000120	0.000200		ND	mg/L	1	06/06/2026 15:40	257516
Dibenzo(a,h)anthracene	NELAP	1.000080	0.000100		ND	mg/L	1	06/06/2026 15:40	257516
Di-n-butyl phthalate	NELAP	1.000830	0.0100	B	ND	mg/L	1	06/06/2026 15:40	257516
Fluoranthene	NELAP	1.000270	0.000300		ND	mg/L	1	06/06/2026 15:40	257516
Fluorene	NELAP	1.000170	0.000200		ND	mg/L	1	06/06/2026 15:40	257516
Indeno(1,2,3-cd)pyrene	NELAP	1.000160	0.000200		ND	mg/L	1	06/06/2026 15:40	257516
m,p-Cresol	NELAP	1.000590	0.0100		ND	mg/L	1	06/08/2026 13:46	257516
Naphthalene	NELAP	1.000160	0.000400		ND	mg/L	1	06/06/2026 15:40	257516
o-Cresol	NELAP	1.000540	0.0100		ND	mg/L	1	06/06/2026 15:40	257516
Phenanthrene	NELAP	1.000530	0.000600		ND	mg/L	1	06/06/2026 15:40	257516
Pyrene	NELAP	1.000180	0.000200		ND	mg/L	1	06/06/2026 15:40	257516
Surr: 2,4,6-Tribromophenol	*	0	40-156		101.8	%REC	1	06/06/2026 15:40	257516
Surr: 2-Fluorobiphenyl	*	0	39-117		79.0	%REC	1	06/06/2026 15:40	257516
Surr: 2-Fluorophenol	*	0	26.7-139		79.9	%REC	1	06/06/2026 15:40	257516
Surr: Nitrobenzene-d5	*	0	37.1-121		83.3	%REC	1	06/06/2026 15:40	257516
Surr: Phenol-d5	*	0	24.9-122		82.2	%REC	1	06/06/2026 15:40	257516
Surr: p-Terphenyl-d14	*	0	49.6-138		101.5	%REC	1	06/06/2026 15:40	257516

Contamination present in the MBLK for Di-n-butyl phthalate. Sample results below the reporting limit are reportable per the TNI Standard.

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	06/06/2026 5:01	257847
Bromoform	NELAP	0.36	2.00		ND	µg/L	1	06/06/2026 5:01	257847
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	06/06/2026 5:01	257847
m,p-Xylenes	NELAP	0.16	1.00		ND	µg/L	1	06/06/2026 5:01	257847
Methylene chloride	NELAP	0.38	2.00		ND	µg/L	1	06/06/2026 5:01	257847
Naphthalene	NELAP	0.94	2.00		ND	µg/L	1	06/06/2026 5:01	257847
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	06/06/2026 5:01	257847
Toluene	NELAP	0.11	2.0	J	0.22	µg/L	1	06/06/2026 5:01	257847
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	06/06/2026 5:01	257847
Xylenes, Total	NELAP	0.16	2.00		ND	µg/L	1	06/06/2026 5:01	257847
Surr: 1,2-Dichloroethane-d4	*	0	80-120		104.3	%REC	1	06/06/2026 5:01	257847
Surr: 4-Bromofluorobenzene	*	0	80-120		100.1	%REC	1	06/06/2026 5:01	257847
Surr: Dibromofluoromethane	*	0	80-120		99.4	%REC	1	06/06/2026 5:01	257847
Surr: Toluene-d8	*	0	80-120		106.6	%REC	1	06/06/2026 5:01	257847

Results have less certainty for Bromoform - Client Requested Quantitation Limit is below the method limit of quantitation.

Client: ERM

Work Order: 26052589

Client Project: Ameren Taylorville 2nd Qtr 2026

Report Date: 09-Jun-26

Lab ID: 26052589-005

Client Sample ID: GW-15-WG-20260529

Matrix: GROUNDWATER

Collection Date: 05/29/2026 11:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	1.000070	0.000100		ND	mg/L	1	06/06/2026 16:19	257516
Acenaphthylene	NELAP	1.000050	0.00010	J	0.000057	mg/L	1	06/06/2026 16:19	257516
Anthracene	NELAP	1.000200	0.000300		ND	mg/L	1	06/06/2026 16:19	257516
Benzo(a)anthracene	NELAP	1.000070	0.00010	J	0.000080	mg/L	1	06/06/2026 16:19	257516
Benzo(a)pyrene	NELAP	1.000110	0.000200		ND	mg/L	1	06/06/2026 16:19	257516
Benzo(b)fluoranthene	NELAP	1.000130	0.000200		ND	mg/L	1	06/06/2026 16:19	257516
Benzo(g,h,i)perylene	NELAP	1.000120	0.000200		ND	mg/L	1	06/06/2026 16:19	257516
Benzo(k)fluoranthene	NELAP	1.000120	0.000200		ND	mg/L	1	06/06/2026 16:19	257516
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	06/06/2026 16:19	257516
Chrysene	NELAP	1.000120	0.000200		ND	mg/L	1	06/06/2026 16:19	257516
Dibenzo(a,h)anthracene	NELAP	1.000080	0.000100		ND	mg/L	1	06/06/2026 16:19	257516
Di-n-butyl phthalate	NELAP	1.000830	0.0100	B	ND	mg/L	1	06/06/2026 16:19	257516
Fluoranthene	NELAP	1.000270	0.000300		ND	mg/L	1	06/06/2026 16:19	257516
Fluorene	NELAP	1.000170	0.000200		ND	mg/L	1	06/06/2026 16:19	257516
Indeno(1,2,3-cd)pyrene	NELAP	1.000160	0.000200		ND	mg/L	1	06/06/2026 16:19	257516
m,p-Cresol	NELAP	1.000590	0.0100		ND	mg/L	1	06/08/2026 14:23	257516
Naphthalene	NELAP	1.000160	0.000400		ND	mg/L	1	06/06/2026 16:19	257516
o-Cresol	NELAP	1.000540	0.0100		ND	mg/L	1	06/06/2026 16:19	257516
Phenanthrene	NELAP	1.000530	0.000600		ND	mg/L	1	06/06/2026 16:19	257516
Pyrene	NELAP	0.00018	0.00020	J	0.00018	mg/L	1	06/06/2026 16:19	257516
Surr: 2,4,6-Tribromophenol	*	0	40-156		112.3	%REC	1	06/06/2026 16:19	257516
Surr: 2-Fluorobiphenyl	*	0	39-117		77.6	%REC	1	06/06/2026 16:19	257516
Surr: 2-Fluorophenol	*	0	26.7-139		72.3	%REC	1	06/06/2026 16:19	257516
Surr: Nitrobenzene-d5	*	0	37.1-121		81.6	%REC	1	06/06/2026 16:19	257516
Surr: Phenol-d5	*	0	24.9-122		79.2	%REC	1	06/06/2026 16:19	257516
Surr: p-Terphenyl-d14	*	0	49.6-138		106.6	%REC	1	06/06/2026 16:19	257516

Contamination present in the MBLK for Di-n-butyl phthalate. Sample results below the reporting limit are reportable per the TNI Standard.

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	06/06/2026 5:25	257847
Bromoform	NELAP	0.36	2.00		ND	µg/L	1	06/06/2026 5:25	257847
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	06/06/2026 5:25	257847
m,p-Xylenes	NELAP	0.16	1.00		ND	µg/L	1	06/06/2026 5:25	257847
Methylene chloride	NELAP	0.38	2.00		ND	µg/L	1	06/06/2026 5:25	257847
Naphthalene	NELAP	0.94	2.00		ND	µg/L	1	06/06/2026 5:25	257847
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	06/06/2026 5:25	257847
Toluene	NELAP	0.11	2.0	J	0.32	µg/L	1	06/06/2026 5:25	257847
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	06/06/2026 5:25	257847
Xylenes, Total	NELAP	0.16	2.00		ND	µg/L	1	06/06/2026 5:25	257847
Surr: 1,2-Dichloroethane-d4	*	0	80-120		103.0	%REC	1	06/06/2026 5:25	257847
Surr: 4-Bromofluorobenzene	*	0	80-120		101.4	%REC	1	06/06/2026 5:25	257847
Surr: Dibromofluoromethane	*	0	80-120		98.8	%REC	1	06/06/2026 5:25	257847
Surr: Toluene-d8	*	0	80-120		106.7	%REC	1	06/06/2026 5:25	257847

Results have less certainty for Bromoform - Client Requested Quantitation Limit is below the method limit of quantitation.

Client: ERM

Work Order: 26052589

Client Project: Ameren Taylorville 2nd Qtr 2026

Report Date: 09-Jun-26

Lab ID: 26052589-006

Client Sample ID: GW-16S-WG-20260528

Matrix: GROUNDWATER

Collection Date: 05/28/2026 10:45

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	1.000070	0.000100		ND	mg/L	1	06/06/2026 16:58	257516
Acenaphthylene	NELAP	1.000050	0.000100		ND	mg/L	1	06/06/2026 16:58	257516
Anthracene	NELAP	1.000200	0.000300		ND	mg/L	1	06/06/2026 16:58	257516
Benzo(a)anthracene	NELAP	1.000070	0.000100		ND	mg/L	1	06/06/2026 16:58	257516
Benzo(a)pyrene	NELAP	1.000110	0.000200		ND	mg/L	1	06/06/2026 16:58	257516
Benzo(b)fluoranthene	NELAP	1.000130	0.000200		ND	mg/L	1	06/06/2026 16:58	257516
Benzo(g,h,i)perylene	NELAP	1.000120	0.000200		ND	mg/L	1	06/06/2026 16:58	257516
Benzo(k)fluoranthene	NELAP	1.000120	0.000200		ND	mg/L	1	06/06/2026 16:58	257516
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	06/06/2026 16:58	257516
Chrysene	NELAP	1.000120	0.000200		ND	mg/L	1	06/06/2026 16:58	257516
Dibenzo(a,h)anthracene	NELAP	1.000080	0.000100		ND	mg/L	1	06/06/2026 16:58	257516
Di-n-butyl phthalate	NELAP	1.000830	0.0100	B	ND	mg/L	1	06/06/2026 16:58	257516
Fluoranthene	NELAP	1.000270	0.000300		ND	mg/L	1	06/06/2026 16:58	257516
Fluorene	NELAP	1.000170	0.000200		ND	mg/L	1	06/06/2026 16:58	257516
Indeno(1,2,3-cd)pyrene	NELAP	1.000160	0.000200		ND	mg/L	1	06/06/2026 16:58	257516
m,p-Cresol	NELAP	1.000590	0.0100		ND	mg/L	1	06/08/2026 15:01	257516
Naphthalene	NELAP	1.000160	0.000400		ND	mg/L	1	06/06/2026 16:58	257516
o-Cresol	NELAP	1.000540	0.0100		ND	mg/L	1	06/06/2026 16:58	257516
Phenanthrene	NELAP	1.000530	0.000600		ND	mg/L	1	06/06/2026 16:58	257516
Pyrene	NELAP	1.000180	0.000200		ND	mg/L	1	06/06/2026 16:58	257516
Surr: 2,4,6-Tribromophenol	*	0	40-156		105.9	%REC	1	06/06/2026 16:58	257516
Surr: 2-Fluorobiphenyl	*	0	39-117		79.4	%REC	1	06/06/2026 16:58	257516
Surr: 2-Fluorophenol	*	0	26.7-139		78.2	%REC	1	06/06/2026 16:58	257516
Surr: Nitrobenzene-d5	*	0	37.1-121		78.8	%REC	1	06/06/2026 16:58	257516
Surr: Phenol-d5	*	0	24.9-122		82.9	%REC	1	06/06/2026 16:58	257516
Surr: p-Terphenyl-d14	*	0	49.6-138		110.8	%REC	1	06/06/2026 16:58	257516

Contamination present in the MBLK for Di-n-butyl phthalate. Sample results below the reporting limit are reportable per the TNI Standard.

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	06/06/2026 5:49	257847
Bromoform	NELAP	0.36	2.00		ND	µg/L	1	06/06/2026 5:49	257847
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	06/06/2026 5:49	257847
m,p-Xylenes	NELAP	0.16	1.00		ND	µg/L	1	06/06/2026 5:49	257847
Methylene chloride	NELAP	0.38	2.00		ND	µg/L	1	06/06/2026 5:49	257847
Naphthalene	NELAP	0.94	2.00		ND	µg/L	1	06/06/2026 5:49	257847
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	06/06/2026 5:49	257847
Toluene	NELAP	0.11	2.0	J	1.4	µg/L	1	06/06/2026 5:49	257847
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	06/06/2026 5:49	257847
Xylenes, Total	NELAP	0.16	2.00		ND	µg/L	1	06/06/2026 5:49	257847
Surr: 1,2-Dichloroethane-d4	*	0	80-120		100.9	%REC	1	06/06/2026 5:49	257847
Surr: 4-Bromofluorobenzene	*	0	80-120		99.7	%REC	1	06/06/2026 5:49	257847
Surr: Dibromofluoromethane	*	0	80-120		96.3	%REC	1	06/06/2026 5:49	257847
Surr: Toluene-d8	*	0	80-120		106.3	%REC	1	06/06/2026 5:49	257847

Results have less certainty for Bromoform - Client Requested Quantitation Limit is below the method limit of quantitation.

Client: ERM

Work Order: 26052589

Client Project: Ameren Taylorville 2nd Qtr 2026

Report Date: 09-Jun-26

Lab ID: 26052589-007

Client Sample ID: GW-16D-WG-20260528

Matrix: GROUNDWATER

Collection Date: 05/28/2026 12:25

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	1.000070	0.000100		ND	mg/L	1	06/06/2026 17:37	257516
Acenaphthylene	NELAP	1.000050	0.000100		ND	mg/L	1	06/06/2026 17:37	257516
Anthracene	NELAP	1.000200	0.000300		ND	mg/L	1	06/06/2026 17:37	257516
Benzo(a)anthracene	NELAP	1.000070	0.000100		ND	mg/L	1	06/06/2026 17:37	257516
Benzo(a)pyrene	NELAP	1.000110	0.000200		ND	mg/L	1	06/06/2026 17:37	257516
Benzo(b)fluoranthene	NELAP	1.000130	0.000200		ND	mg/L	1	06/06/2026 17:37	257516
Benzo(g,h,i)perylene	NELAP	1.000120	0.000200		ND	mg/L	1	06/06/2026 17:37	257516
Benzo(k)fluoranthene	NELAP	1.000120	0.000200		ND	mg/L	1	06/06/2026 17:37	257516
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	06/06/2026 17:37	257516
Chrysene	NELAP	1.000120	0.000200		ND	mg/L	1	06/06/2026 17:37	257516
Dibenzo(a,h)anthracene	NELAP	1.000080	0.000100		ND	mg/L	1	06/06/2026 17:37	257516
Di-n-butyl phthalate	NELAP	1.000830	0.0100	B	ND	mg/L	1	06/06/2026 17:37	257516
Fluoranthene	NELAP	1.000270	0.000300		ND	mg/L	1	06/06/2026 17:37	257516
Fluorene	NELAP	1.000170	0.000200		ND	mg/L	1	06/06/2026 17:37	257516
Indeno(1,2,3-cd)pyrene	NELAP	1.000160	0.000200		ND	mg/L	1	06/06/2026 17:37	257516
m,p-Cresol	NELAP	1.000590	0.0100		ND	mg/L	1	06/08/2026 15:39	257516
Naphthalene	NELAP	1.000160	0.000400		ND	mg/L	1	06/06/2026 17:37	257516
o-Cresol	NELAP	1.000540	0.0100		ND	mg/L	1	06/06/2026 17:37	257516
Phenanthrene	NELAP	1.000530	0.000600		ND	mg/L	1	06/06/2026 17:37	257516
Pyrene	NELAP	1.000180	0.000200		ND	mg/L	1	06/06/2026 17:37	257516
Surr: 2,4,6-Tribromophenol	*	0	40-156		101.8	%REC	1	06/06/2026 17:37	257516
Surr: 2-Fluorobiphenyl	*	0	39-117		82.4	%REC	1	06/06/2026 17:37	257516
Surr: 2-Fluorophenol	*	0	26.7-139		106.4	%REC	1	06/06/2026 17:37	257516
Surr: Nitrobenzene-d5	*	0	37.1-121		86.9	%REC	1	06/06/2026 17:37	257516
Surr: Phenol-d5	*	0	24.9-122		88.4	%REC	1	06/06/2026 17:37	257516
Surr: p-Terphenyl-d14	*	0	49.6-138		102.6	%REC	1	06/06/2026 17:37	257516

Contamination present in the MBLK for Di-n-butyl phthalate. Sample results below the reporting limit are reportable per the TNI Standard.

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	06/06/2026 6:14	257847
Bromoform	NELAP	0.36	2.00		ND	µg/L	1	06/06/2026 6:14	257847
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	06/06/2026 6:14	257847
m,p-Xylenes	NELAP	0.16	1.00		ND	µg/L	1	06/06/2026 6:14	257847
Methylene chloride	NELAP	0.38	2.00		ND	µg/L	1	06/06/2026 6:14	257847
Naphthalene	NELAP	0.94	2.00		ND	µg/L	1	06/06/2026 6:14	257847
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	06/06/2026 6:14	257847
Toluene	NELAP	0.11	2.0	J	0.34	µg/L	1	06/06/2026 6:14	257847
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	06/06/2026 6:14	257847
Xylenes, Total	NELAP	0.16	2.00		ND	µg/L	1	06/06/2026 6:14	257847
Surr: 1,2-Dichloroethane-d4	*	0	80-120		102.4	%REC	1	06/06/2026 6:14	257847
Surr: 4-Bromofluorobenzene	*	0	80-120		100.6	%REC	1	06/06/2026 6:14	257847
Surr: Dibromofluoromethane	*	0	80-120		97.8	%REC	1	06/06/2026 6:14	257847
Surr: Toluene-d8	*	0	80-120		106.8	%REC	1	06/06/2026 6:14	257847

Results have less certainty for Bromoform - Client Requested Quantitation Limit is below the method limit of quantitation.

Client: ERM

Work Order: 26052589

Client Project: Ameren Taylorville 2nd Qtr 2026

Report Date: 09-Jun-26

Lab ID: 26052589-008

Client Sample ID: GW-17-WG-20260528

Matrix: GROUNDWATER

Collection Date: 05/28/2026 13:15

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	1.000070	0.000100		ND	mg/L	1	06/06/2026 18:16	257516
Acenaphthylene	NELAP	1.000050	0.000100		ND	mg/L	1	06/06/2026 18:16	257516
Anthracene	NELAP	1.000200	0.000300		ND	mg/L	1	06/06/2026 18:16	257516
Benzo(a)anthracene	NELAP	1.000070	0.00010	J	0.000084	mg/L	1	06/06/2026 18:16	257516
Benzo(a)pyrene	NELAP	1.000110	0.000200		ND	mg/L	1	06/06/2026 18:16	257516
Benzo(b)fluoranthene	NELAP	1.000130	0.000200		ND	mg/L	1	06/06/2026 18:16	257516
Benzo(g,h,i)perylene	NELAP	1.000120	0.000200		ND	mg/L	1	06/06/2026 18:16	257516
Benzo(k)fluoranthene	NELAP	1.000120	0.000200		ND	mg/L	1	06/06/2026 18:16	257516
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	06/06/2026 18:16	257516
Chrysene	NELAP	1.000120	0.000200		ND	mg/L	1	06/06/2026 18:16	257516
Dibenzo(a,h)anthracene	NELAP	1.000080	0.000100		ND	mg/L	1	06/06/2026 18:16	257516
Di-n-butyl phthalate	NELAP	1.000830	0.0100	B	ND	mg/L	1	06/06/2026 18:16	257516
Fluoranthene	NELAP	1.000270	0.000300		ND	mg/L	1	06/06/2026 18:16	257516
Fluorene	NELAP	1.000170	0.000200		ND	mg/L	1	06/06/2026 18:16	257516
Indeno(1,2,3-cd)pyrene	NELAP	1.000160	0.000200		ND	mg/L	1	06/06/2026 18:16	257516
m,p-Cresol	NELAP	1.000590	0.0100		ND	mg/L	1	06/08/2026 16:17	257516
Naphthalene	NELAP	1.000160	0.000400		ND	mg/L	1	06/06/2026 18:16	257516
o-Cresol	NELAP	1.000540	0.0100		ND	mg/L	1	06/06/2026 18:16	257516
Phenanthrene	NELAP	1.000530	0.000600		ND	mg/L	1	06/06/2026 18:16	257516
Pyrene	NELAP	1.000180	0.000200		ND	mg/L	1	06/06/2026 18:16	257516
Surr: 2,4,6-Tribromophenol	*	0	40-156		102.5	%REC	1	06/06/2026 18:16	257516
Surr: 2-Fluorobiphenyl	*	0	39-117		75.8	%REC	1	06/06/2026 18:16	257516
Surr: 2-Fluorophenol	*	0	26.7-139		65.9	%REC	1	06/06/2026 18:16	257516
Surr: Nitrobenzene-d5	*	0	37.1-121		78.5	%REC	1	06/06/2026 18:16	257516
Surr: Phenol-d5	*	0	24.9-122		83.5	%REC	1	06/06/2026 18:16	257516
Surr: p-Terphenyl-d14	*	0	49.6-138		108.2	%REC	1	06/06/2026 18:16	257516

Contamination present in the MBLK for Di-n-butyl phthalate. Sample results below the reporting limit are reportable per the TNI Standard.

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	06/06/2026 6:38	257847
Bromoform	NELAP	0.36	2.00		ND	µg/L	1	06/06/2026 6:38	257847
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	06/06/2026 6:38	257847
m,p-Xylenes	NELAP	0.16	1.00		ND	µg/L	1	06/06/2026 6:38	257847
Methylene chloride	NELAP	0.38	2.00		ND	µg/L	1	06/06/2026 6:38	257847
Naphthalene	NELAP	0.94	2.00		ND	µg/L	1	06/06/2026 6:38	257847
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	06/06/2026 6:38	257847
Toluene	NELAP	0.11	2.0	J	1.2	µg/L	1	06/06/2026 6:38	257847
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	06/06/2026 6:38	257847
Xylenes, Total	NELAP	0.16	2.00		ND	µg/L	1	06/06/2026 6:38	257847
Surr: 1,2-Dichloroethane-d4	*	0	80-120		103.5	%REC	1	06/06/2026 6:38	257847
Surr: 4-Bromofluorobenzene	*	0	80-120		100.5	%REC	1	06/06/2026 6:38	257847
Surr: Dibromofluoromethane	*	0	80-120		98.3	%REC	1	06/06/2026 6:38	257847
Surr: Toluene-d8	*	0	80-120		106.8	%REC	1	06/06/2026 6:38	257847

Results have less certainty for Bromoform - Client Requested Quantitation Limit is below the method limit of quantitation.

Client: ERM

Work Order: 26052589

Client Project: Ameren Taylorville 2nd Qtr 2026

Report Date: 09-Jun-26

Lab ID: 26052589-009

Client Sample ID: GW-18S-WG-20260528

Matrix: GROUNDWATER

Collection Date: 05/28/2026 15:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	1.000070	0.000100		ND	mg/L	1	06/07/2026 16:36	257516
Acenaphthylene	NELAP	1.000050	0.000100		ND	mg/L	1	06/07/2026 16:36	257516
Anthracene	NELAP	1.000200	0.000300		ND	mg/L	1	06/07/2026 16:36	257516
Benzo(a)anthracene	NELAP	1.000070	0.000100		ND	mg/L	1	06/07/2026 16:36	257516
Benzo(a)pyrene	NELAP	1.000110	0.000200		ND	mg/L	1	06/07/2026 16:36	257516
Benzo(b)fluoranthene	NELAP	1.000130	0.000200		ND	mg/L	1	06/07/2026 16:36	257516
Benzo(g,h,i)perylene	NELAP	1.000120	0.000200		ND	mg/L	1	06/07/2026 16:36	257516
Benzo(k)fluoranthene	NELAP	1.000120	0.000200		ND	mg/L	1	06/07/2026 16:36	257516
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	06/07/2026 16:36	257516
Chrysene	NELAP	1.000120	0.000200		ND	mg/L	1	06/07/2026 16:36	257516
Dibenzo(a,h)anthracene	NELAP	1.000080	0.000100		ND	mg/L	1	06/07/2026 16:36	257516
Di-n-butyl phthalate	NELAP	1.000830	0.0100	B	ND	mg/L	1	06/07/2026 16:36	257516
Fluoranthene	NELAP	1.000270	0.000300		ND	mg/L	1	06/07/2026 16:36	257516
Fluorene	NELAP	1.000170	0.000200		ND	mg/L	1	06/07/2026 16:36	257516
Indeno(1,2,3-cd)pyrene	NELAP	1.000160	0.000200		ND	mg/L	1	06/07/2026 16:36	257516
m,p-Cresol	NELAP	1.000590	0.0100		ND	mg/L	1	06/08/2026 16:54	257516
Naphthalene	NELAP	1.000160	0.000400		ND	mg/L	1	06/07/2026 16:36	257516
o-Cresol	NELAP	1.000540	0.0100		ND	mg/L	1	06/07/2026 16:36	257516
Phenanthrene	NELAP	1.000530	0.000600		ND	mg/L	1	06/07/2026 16:36	257516
Pyrene	NELAP	1.000180	0.000200		ND	mg/L	1	06/07/2026 16:36	257516
Surr: 2,4,6-Tribromophenol	*	0	40-156		104.6	%REC	1	06/07/2026 16:36	257516
Surr: 2-Fluorobiphenyl	*	0	39-117		82.6	%REC	1	06/07/2026 16:36	257516
Surr: 2-Fluorophenol	*	0	26.7-139		92.3	%REC	1	06/07/2026 16:36	257516
Surr: Nitrobenzene-d5	*	0	37.1-121		87.4	%REC	1	06/07/2026 16:36	257516
Surr: Phenol-d5	*	0	24.9-122		84.7	%REC	1	06/07/2026 16:36	257516
Surr: p-Terphenyl-d14	*	0	49.6-138		102.4	%REC	1	06/07/2026 16:36	257516

Contamination present in the MBLK for Di-n-butyl phthalate. Sample results below the reporting limit are reportable per the TNI Standard.

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	06/06/2026 7:02	257847
Bromoform	NELAP	0.36	2.00		ND	µg/L	1	06/06/2026 7:02	257847
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	06/06/2026 7:02	257847
m,p-Xylenes	NELAP	0.16	1.00		ND	µg/L	1	06/06/2026 7:02	257847
Methylene chloride	NELAP	0.38	2.00		ND	µg/L	1	06/06/2026 7:02	257847
Naphthalene	NELAP	0.94	2.00		ND	µg/L	1	06/06/2026 7:02	257847
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	06/06/2026 7:02	257847
Toluene	NELAP	0.11	2.00		2.40	µg/L	1	06/06/2026 7:02	257847
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	06/06/2026 7:02	257847
Xylenes, Total	NELAP	0.16	2.00		ND	µg/L	1	06/06/2026 7:02	257847
Surr: 1,2-Dichloroethane-d4	*	0	80-120		102.5	%REC	1	06/06/2026 7:02	257847
Surr: 4-Bromofluorobenzene	*	0	80-120		101.6	%REC	1	06/06/2026 7:02	257847
Surr: Dibromofluoromethane	*	0	80-120		98.7	%REC	1	06/06/2026 7:02	257847
Surr: Toluene-d8	*	0	80-120		106.9	%REC	1	06/06/2026 7:02	257847

Results have less certainty for Bromoform - Client Requested Quantitation Limit is below the method limit of quantitation.

Client: ERM

Work Order: 26052589

Client Project: Ameren Taylorville 2nd Qtr 2026

Report Date: 09-Jun-26

Lab ID: 26052589-010

Client Sample ID: GW-18D-WG-20260528

Matrix: GROUNDWATER

Collection Date: 05/28/2026 14:50

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	06/07/2026 17:15	257516
Acenaphthylene	NELAP	0.000050	0.000100		ND	mg/L	1	06/07/2026 17:15	257516
Anthracene	NELAP	0.000200	0.000300		ND	mg/L	1	06/07/2026 17:15	257516
Benzo(a)anthracene	NELAP	0.000070	0.000100		ND	mg/L	1	06/07/2026 17:15	257516
Benzo(a)pyrene	NELAP	0.000110	0.000200		ND	mg/L	1	06/07/2026 17:15	257516
Benzo(b)fluoranthene	NELAP	0.000130	0.000200		ND	mg/L	1	06/07/2026 17:15	257516
Benzo(g,h,i)perylene	NELAP	0.000120	0.000200		ND	mg/L	1	06/07/2026 17:15	257516
Benzo(k)fluoranthene	NELAP	0.000120	0.000200		ND	mg/L	1	06/07/2026 17:15	257516
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	06/07/2026 17:15	257516
Chrysene	NELAP	0.000120	0.000200		ND	mg/L	1	06/07/2026 17:15	257516
Dibenzo(a,h)anthracene	NELAP	0.000080	0.000100		ND	mg/L	1	06/07/2026 17:15	257516
Di-n-butyl phthalate	NELAP	0.000830	0.0100	B	ND	mg/L	1	06/07/2026 17:15	257516
Fluoranthene	NELAP	0.000270	0.000300		ND	mg/L	1	06/07/2026 17:15	257516
Fluorene	NELAP	0.000170	0.000200		ND	mg/L	1	06/07/2026 17:15	257516
Indeno(1,2,3-cd)pyrene	NELAP	0.000160	0.000200		ND	mg/L	1	06/07/2026 17:15	257516
m,p-Cresol	NELAP	0.000590	0.0100		ND	mg/L	1	06/08/2026 17:32	257516
Naphthalene	NELAP	0.000160	0.000400		ND	mg/L	1	06/07/2026 17:15	257516
o-Cresol	NELAP	0.000540	0.0100		ND	mg/L	1	06/07/2026 17:15	257516
Phenanthrene	NELAP	0.000530	0.000600		ND	mg/L	1	06/07/2026 17:15	257516
Pyrene	NELAP	0.000180	0.000200		ND	mg/L	1	06/07/2026 17:15	257516
Surr: 2,4,6-Tribromophenol	*	0	40-156		93.2	%REC	1	06/07/2026 17:15	257516
Surr: 2-Fluorobiphenyl	*	0	39-117		75.3	%REC	1	06/07/2026 17:15	257516
Surr: 2-Fluorophenol	*	0	26.7-139		96.0	%REC	1	06/07/2026 17:15	257516
Surr: Nitrobenzene-d5	*	0	37.1-121		83.8	%REC	1	06/07/2026 17:15	257516
Surr: Phenol-d5	*	0	24.9-122		78.7	%REC	1	06/07/2026 17:15	257516
Surr: p-Terphenyl-d14	*	0	49.6-138		94.1	%REC	1	06/07/2026 17:15	257516

Contamination present in the MBLK for Di-n-butyl phthalate. Sample results below the reporting limit are reportable per the TNI Standard.

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	06/06/2026 7:26	257847
Bromoform	NELAP	0.36	2.00		ND	µg/L	1	06/06/2026 7:26	257847
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	06/06/2026 7:26	257847
m,p-Xylenes	NELAP	0.16	1.00		ND	µg/L	1	06/06/2026 7:26	257847
Methylene chloride	NELAP	0.38	2.00		ND	µg/L	1	06/06/2026 7:26	257847
Naphthalene	NELAP	0.94	2.00		ND	µg/L	1	06/06/2026 7:26	257847
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	06/06/2026 7:26	257847
Toluene	NELAP	0.11	2.0	J	0.98	µg/L	1	06/06/2026 7:26	257847
trans-1,2-Dichloroethene	NELAP	0.10	2.0	J	0.38	µg/L	1	06/06/2026 7:26	257847
Xylenes, Total	NELAP	0.16	2.00		ND	µg/L	1	06/06/2026 7:26	257847
Surr: 1,2-Dichloroethane-d4	*	0	80-120		103.5	%REC	1	06/06/2026 7:26	257847
Surr: 4-Bromofluorobenzene	*	0	80-120		101.2	%REC	1	06/06/2026 7:26	257847
Surr: Dibromofluoromethane	*	0	80-120		99.0	%REC	1	06/06/2026 7:26	257847
Surr: Toluene-d8	*	0	80-120		106.5	%REC	1	06/06/2026 7:26	257847

Results have less certainty for Bromoform - Client Requested Quantitation Limit is below the method limit of quantitation.

Client: ERM

Work Order: 26052589

Client Project: Ameren Taylorville 2nd Qtr 2026

Report Date: 09-Jun-26

Lab ID: 26052589-011

Client Sample ID: GW-19S-WG-20260528

Matrix: GROUNDWATER

Collection Date: 05/28/2026 9:40

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	06/07/2026 17:54	257516
Acenaphthylene	NELAP	0.000050	0.000100		ND	mg/L	1	06/07/2026 17:54	257516
Anthracene	NELAP	0.000200	0.000300		ND	mg/L	1	06/07/2026 17:54	257516
Benzo(a)anthracene	NELAP	0.000070	0.000100		ND	mg/L	1	06/07/2026 17:54	257516
Benzo(a)pyrene	NELAP	0.000110	0.000200		ND	mg/L	1	06/07/2026 17:54	257516
Benzo(b)fluoranthene	NELAP	0.000130	0.000200		ND	mg/L	1	06/07/2026 17:54	257516
Benzo(g,h,i)perylene	NELAP	0.000120	0.000200		ND	mg/L	1	06/07/2026 17:54	257516
Benzo(k)fluoranthene	NELAP	0.000120	0.000200		ND	mg/L	1	06/07/2026 17:54	257516
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	06/07/2026 17:54	257516
Chrysene	NELAP	0.000120	0.000200		ND	mg/L	1	06/07/2026 17:54	257516
Dibenzo(a,h)anthracene	NELAP	0.000080	0.000100		ND	mg/L	1	06/07/2026 17:54	257516
Di-n-butyl phthalate	NELAP	0.000830	0.0100	B	ND	mg/L	1	06/07/2026 17:54	257516
Fluoranthene	NELAP	0.000270	0.000300		ND	mg/L	1	06/07/2026 17:54	257516
Fluorene	NELAP	0.000170	0.000200		ND	mg/L	1	06/07/2026 17:54	257516
Indeno(1,2,3-cd)pyrene	NELAP	0.000160	0.000200		ND	mg/L	1	06/07/2026 17:54	257516
m,p-Cresol	NELAP	0.000590	0.0100		ND	mg/L	1	06/08/2026 18:09	257516
Naphthalene	NELAP	0.000160	0.000400		ND	mg/L	1	06/07/2026 17:54	257516
o-Cresol	NELAP	0.000540	0.0100		ND	mg/L	1	06/07/2026 17:54	257516
Phenanthrene	NELAP	0.000530	0.000600		ND	mg/L	1	06/07/2026 17:54	257516
Pyrene	NELAP	0.000180	0.000200		ND	mg/L	1	06/07/2026 17:54	257516
Surr: 2,4,6-Tribromophenol	*	0	40-156		111.3	%REC	1	06/07/2026 17:54	257516
Surr: 2-Fluorobiphenyl	*	0	39-117		80.4	%REC	1	06/07/2026 17:54	257516
Surr: 2-Fluorophenol	*	0	26.7-139		93.4	%REC	1	06/07/2026 17:54	257516
Surr: Nitrobenzene-d5	*	0	37.1-121		82.7	%REC	1	06/07/2026 17:54	257516
Surr: Phenol-d5	*	0	24.9-122		78.1	%REC	1	06/07/2026 17:54	257516
Surr: p-Terphenyl-d14	*	0	49.6-138		113.7	%REC	1	06/07/2026 17:54	257516
Contamination present in the MBLK for Di-n-butyl phthalate. Sample results below the reporting limit are reportable per the TNI Standard.									
SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	06/06/2026 7:51	257847
Bromoform	NELAP	0.36	2.00		ND	µg/L	1	06/06/2026 7:51	257847
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	06/06/2026 7:51	257847
m,p-Xylenes	NELAP	0.16	1.00		ND	µg/L	1	06/06/2026 7:51	257847
Methylene chloride	NELAP	0.38	2.00		ND	µg/L	1	06/06/2026 7:51	257847
Naphthalene	NELAP	0.94	2.00		ND	µg/L	1	06/06/2026 7:51	257847
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	06/06/2026 7:51	257847
Toluene	NELAP	0.11	2.00		2.49	µg/L	1	06/06/2026 7:51	257847
trans-1,2-Dichloroethene	NELAP	0.10	2.0	J	0.22	µg/L	1	06/06/2026 7:51	257847
Xylenes, Total	NELAP	0.16	2.00		ND	µg/L	1	06/06/2026 7:51	257847
Surr: 1,2-Dichloroethane-d4	*	0	80-120		104.0	%REC	1	06/06/2026 7:51	257847
Surr: 4-Bromofluorobenzene	*	0	80-120		101.1	%REC	1	06/06/2026 7:51	257847
Surr: Dibromofluoromethane	*	0	80-120		99.7	%REC	1	06/06/2026 7:51	257847
Surr: Toluene-d8	*	0	80-120		106.7	%REC	1	06/06/2026 7:51	257847
Results have less certainty for Bromoform - Client Requested Quantitation Limit is below the method limit of quantitation.									

Client: ERM

Work Order: 26052589

Client Project: Ameren Taylorville 2nd Qtr 2026

Report Date: 09-Jun-26

Lab ID: 26052589-012

Client Sample ID: GW-19D-WG-20260528

Matrix: GROUNDWATER

Collection Date: 05/28/2026 9:15

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	1.000070	0.000100		ND	mg/L	1	06/07/2026 18:33	257516
Acenaphthylene	NELAP	1.000050	0.000100		ND	mg/L	1	06/07/2026 18:33	257516
Anthracene	NELAP	1.000200	0.000300		ND	mg/L	1	06/07/2026 18:33	257516
Benzo(a)anthracene	NELAP	1.000070	0.000100		ND	mg/L	1	06/07/2026 18:33	257516
Benzo(a)pyrene	NELAP	1.000110	0.000200		ND	mg/L	1	06/07/2026 18:33	257516
Benzo(b)fluoranthene	NELAP	1.000130	0.000200		ND	mg/L	1	06/07/2026 18:33	257516
Benzo(g,h,i)perylene	NELAP	1.000120	0.000200		ND	mg/L	1	06/07/2026 18:33	257516
Benzo(k)fluoranthene	NELAP	1.000120	0.000200		ND	mg/L	1	06/07/2026 18:33	257516
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	06/07/2026 18:33	257516
Chrysene	NELAP	1.000120	0.000200		ND	mg/L	1	06/07/2026 18:33	257516
Dibenzo(a,h)anthracene	NELAP	1.000080	0.000100		ND	mg/L	1	06/07/2026 18:33	257516
Di-n-butyl phthalate	NELAP	1.000830	0.0100	B	ND	mg/L	1	06/07/2026 18:33	257516
Fluoranthene	NELAP	1.000270	0.000300		ND	mg/L	1	06/07/2026 18:33	257516
Fluorene	NELAP	1.000170	0.000200		ND	mg/L	1	06/07/2026 18:33	257516
Indeno(1,2,3-cd)pyrene	NELAP	1.000160	0.000200		ND	mg/L	1	06/07/2026 18:33	257516
m,p-Cresol	NELAP	1.000590	0.0100		ND	mg/L	1	06/08/2026 18:47	257516
Naphthalene	NELAP	1.000160	0.000400		ND	mg/L	1	06/07/2026 18:33	257516
o-Cresol	NELAP	1.000540	0.0100		ND	mg/L	1	06/07/2026 18:33	257516
Phenanthrene	NELAP	1.000530	0.000600		ND	mg/L	1	06/07/2026 18:33	257516
Pyrene	NELAP	1.000180	0.000200		ND	mg/L	1	06/07/2026 18:33	257516
Surr: 2,4,6-Tribromophenol	*	0	40-156		96.6	%REC	1	06/07/2026 18:33	257516
Surr: 2-Fluorobiphenyl	*	0	39-117		77.7	%REC	1	06/07/2026 18:33	257516
Surr: 2-Fluorophenol	*	0	26.7-139		78.8	%REC	1	06/07/2026 18:33	257516
Surr: Nitrobenzene-d5	*	0	37.1-121		81.4	%REC	1	06/07/2026 18:33	257516
Surr: Phenol-d5	*	0	24.9-122		75.1	%REC	1	06/07/2026 18:33	257516
Surr: p-Terphenyl-d14	*	0	49.6-138		97.6	%REC	1	06/07/2026 18:33	257516
Contamination present in the MBLK for Di-n-butyl phthalate. Sample results below the reporting limit are reportable per the TNI Standard.									
SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	06/06/2026 8:15	257847
Bromoform	NELAP	0.36	2.00		ND	µg/L	1	06/06/2026 8:15	257847
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	06/06/2026 8:15	257847
m,p-Xylenes	NELAP	0.16	1.00		ND	µg/L	1	06/06/2026 8:15	257847
Methylene chloride	NELAP	0.38	2.00		ND	µg/L	1	06/06/2026 8:15	257847
Naphthalene	NELAP	0.94	2.00		ND	µg/L	1	06/06/2026 8:15	257847
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	06/06/2026 8:15	257847
Toluene	NELAP	0.11	2.0	J	0.42	µg/L	1	06/06/2026 8:15	257847
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	06/06/2026 8:15	257847
Xylenes, Total	NELAP	0.16	2.00		ND	µg/L	1	06/06/2026 8:15	257847
Surr: 1,2-Dichloroethane-d4	*	0	80-120		102.3	%REC	1	06/06/2026 8:15	257847
Surr: 4-Bromofluorobenzene	*	0	80-120		102.8	%REC	1	06/06/2026 8:15	257847
Surr: Dibromofluoromethane	*	0	80-120		97.7	%REC	1	06/06/2026 8:15	257847
Surr: Toluene-d8	*	0	80-120		107.0	%REC	1	06/06/2026 8:15	257847
Results have less certainty for Bromoform - Client Requested Quantitation Limit is below the method limit of quantitation.									

Client: ERM

Work Order: 26052589

Client Project: Ameren Taylorville 2nd Qtr 2026

Report Date: 09-Jun-26

Lab ID: 26052589-013

Client Sample ID: GW-22S-WG-20260529

Matrix: GROUNDWATER

Collection Date: 05/29/2026 9:15

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	1.000070	0.000100		ND	mg/L	1	06/07/2026 19:12	257516
Acenaphthylene	NELAP	1.000050	0.000100		ND	mg/L	1	06/07/2026 19:12	257516
Anthracene	NELAP	1.000200	0.000300		ND	mg/L	1	06/07/2026 19:12	257516
Benzo(a)anthracene	NELAP	1.000070	0.000100		ND	mg/L	1	06/07/2026 19:12	257516
Benzo(a)pyrene	NELAP	1.000110	0.000200		ND	mg/L	1	06/07/2026 19:12	257516
Benzo(b)fluoranthene	NELAP	1.000130	0.000200		ND	mg/L	1	06/07/2026 19:12	257516
Benzo(g,h,i)perylene	NELAP	1.000120	0.000200		ND	mg/L	1	06/07/2026 19:12	257516
Benzo(k)fluoranthene	NELAP	1.000120	0.000200		ND	mg/L	1	06/07/2026 19:12	257516
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		0.00204	mg/L	1	06/07/2026 19:12	257516
Chrysene	NELAP	1.000120	0.000200		ND	mg/L	1	06/07/2026 19:12	257516
Dibenzo(a,h)anthracene	NELAP	1.000080	0.000100		ND	mg/L	1	06/07/2026 19:12	257516
Di-n-butyl phthalate	NELAP	1.000830	0.0100	B	ND	mg/L	1	06/07/2026 19:12	257516
Fluoranthene	NELAP	1.000270	0.000300		ND	mg/L	1	06/07/2026 19:12	257516
Fluorene	NELAP	1.000170	0.000200		ND	mg/L	1	06/07/2026 19:12	257516
Indeno(1,2,3-cd)pyrene	NELAP	1.000160	0.000200		ND	mg/L	1	06/07/2026 19:12	257516
m,p-Cresol	NELAP	1.000590	0.0100		ND	mg/L	1	06/08/2026 22:33	257516
Naphthalene	NELAP	1.000160	0.000400		ND	mg/L	1	06/07/2026 19:12	257516
o-Cresol	NELAP	1.000540	0.0100		ND	mg/L	1	06/07/2026 19:12	257516
Phenanthrene	NELAP	1.000530	0.000600		ND	mg/L	1	06/07/2026 19:12	257516
Pyrene	NELAP	1.000180	0.000200		ND	mg/L	1	06/07/2026 19:12	257516
Surr: 2,4,6-Tribromophenol	*	0	40-156		118.0	%REC	1	06/07/2026 19:12	257516
Surr: 2-Fluorobiphenyl	*	0	39-117		78.5	%REC	1	06/07/2026 19:12	257516
Surr: 2-Fluorophenol	*	0	26.7-139		79.8	%REC	1	06/07/2026 19:12	257516
Surr: Nitrobenzene-d5	*	0	37.1-121		83.0	%REC	1	06/07/2026 19:12	257516
Surr: Phenol-d5	*	0	24.9-122		82.2	%REC	1	06/07/2026 19:12	257516
Surr: p-Terphenyl-d14	*	0	49.6-138		110.2	%REC	1	06/07/2026 19:12	257516

Contamination present in the MBLK for Di-n-butyl phthalate. Sample results below the reporting limit are reportable per the TNI Standard.

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	06/06/2026 8:39	257847
Bromoform	NELAP	0.36	2.00		ND	µg/L	1	06/06/2026 8:39	257847
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	06/06/2026 8:39	257847
m,p-Xylenes	NELAP	0.16	1.00		ND	µg/L	1	06/06/2026 8:39	257847
Methylene chloride	NELAP	0.38	2.00		ND	µg/L	1	06/06/2026 8:39	257847
Naphthalene	NELAP	0.94	2.00		ND	µg/L	1	06/06/2026 8:39	257847
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	06/06/2026 8:39	257847
Toluene	NELAP	0.11	2.0	J	0.36	µg/L	1	06/06/2026 8:39	257847
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	06/06/2026 8:39	257847
Xylenes, Total	NELAP	0.16	2.00		ND	µg/L	1	06/06/2026 8:39	257847
Surr: 1,2-Dichloroethane-d4	*	0	80-120		102.7	%REC	1	06/06/2026 8:39	257847
Surr: 4-Bromofluorobenzene	*	0	80-120		102.4	%REC	1	06/06/2026 8:39	257847
Surr: Dibromofluoromethane	*	0	80-120		98.2	%REC	1	06/06/2026 8:39	257847
Surr: Toluene-d8	*	0	80-120		106.7	%REC	1	06/06/2026 8:39	257847

Results have less certainty for Bromoform - Client Requested Quantitation Limit is below the method limit of quantitation.

Client: ERM

Work Order: 26052589

Client Project: Ameren Taylorville 2nd Qtr 2026

Report Date: 09-Jun-26

Lab ID: 26052589-014

Client Sample ID: GW-22D-WG-20260529

Matrix: GROUNDWATER

Collection Date: 05/29/2026 8:55

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	1.000070	0.000100		ND	mg/L	1	06/07/2026 19:51	257516
Acenaphthylene	NELAP	1.000050	0.000100		ND	mg/L	1	06/07/2026 19:51	257516
Anthracene	NELAP	1.000200	0.000300		ND	mg/L	1	06/07/2026 19:51	257516
Benzo(a)anthracene	NELAP	1.000070	0.000100		ND	mg/L	1	06/07/2026 19:51	257516
Benzo(a)pyrene	NELAP	1.000110	0.000200		ND	mg/L	1	06/07/2026 19:51	257516
Benzo(b)fluoranthene	NELAP	1.000130	0.000200		ND	mg/L	1	06/07/2026 19:51	257516
Benzo(g,h,i)perylene	NELAP	1.000120	0.000200		ND	mg/L	1	06/07/2026 19:51	257516
Benzo(k)fluoranthene	NELAP	1.000120	0.000200		ND	mg/L	1	06/07/2026 19:51	257516
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	06/07/2026 19:51	257516
Chrysene	NELAP	1.000120	0.000200		ND	mg/L	1	06/07/2026 19:51	257516
Dibenzo(a,h)anthracene	NELAP	1.000080	0.000100		ND	mg/L	1	06/07/2026 19:51	257516
Di-n-butyl phthalate	NELAP	1.000830	0.0100	B	ND	mg/L	1	06/07/2026 19:51	257516
Fluoranthene	NELAP	1.000270	0.000300		ND	mg/L	1	06/07/2026 19:51	257516
Fluorene	NELAP	1.000170	0.000200		ND	mg/L	1	06/07/2026 19:51	257516
Indeno(1,2,3-cd)pyrene	NELAP	1.000160	0.000200		ND	mg/L	1	06/07/2026 19:51	257516
m,p-Cresol	NELAP	1.000590	0.0100		ND	mg/L	1	06/08/2026 23:11	257516
Naphthalene	NELAP	1.000160	0.000400		ND	mg/L	1	06/07/2026 19:51	257516
o-Cresol	NELAP	1.000540	0.0100		ND	mg/L	1	06/07/2026 19:51	257516
Phenanthrene	NELAP	1.000530	0.000600		ND	mg/L	1	06/07/2026 19:51	257516
Pyrene	NELAP	1.000180	0.000200		ND	mg/L	1	06/07/2026 19:51	257516
Surr: 2,4,6-Tribromophenol	*	0	40-156		103.1	%REC	1	06/07/2026 19:51	257516
Surr: 2-Fluorobiphenyl	*	0	39-117		84.0	%REC	1	06/07/2026 19:51	257516
Surr: 2-Fluorophenol	*	0	26.7-139		101.0	%REC	1	06/07/2026 19:51	257516
Surr: Nitrobenzene-d5	*	0	37.1-121		88.1	%REC	1	06/07/2026 19:51	257516
Surr: Phenol-d5	*	0	24.9-122		82.5	%REC	1	06/07/2026 19:51	257516
Surr: p-Terphenyl-d14	*	0	49.6-138		108.9	%REC	1	06/07/2026 19:51	257516
Contamination present in the MBLK for Di-n-butyl phthalate. Sample results below the reporting limit are reportable per the TNI Standard.									
SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	06/08/2026 18:47	257932
Bromoform	NELAP	0.36	2.00		ND	µg/L	1	06/08/2026 18:47	257932
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	06/08/2026 18:47	257932
m,p-Xylenes	NELAP	0.16	1.00		ND	µg/L	1	06/08/2026 18:47	257932
Methylene chloride	NELAP	0.38	2.00		ND	µg/L	1	06/08/2026 18:47	257932
Naphthalene	NELAP	0.94	2.00		ND	µg/L	1	06/08/2026 18:47	257932
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	06/08/2026 18:47	257932
Toluene	NELAP	0.11	2.0	J	0.26	µg/L	1	06/08/2026 18:47	257932
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	06/08/2026 18:47	257932
Xylenes, Total	NELAP	0.16	2.00		ND	µg/L	1	06/08/2026 18:47	257932
Surr: 1,2-Dichloroethane-d4	*	0	80-120		107.2	%REC	1	06/08/2026 18:47	257932
Surr: 4-Bromofluorobenzene	*	0	80-120		96.9	%REC	1	06/08/2026 18:47	257932
Surr: Dibromofluoromethane	*	0	80-120		105.7	%REC	1	06/08/2026 18:47	257932
Surr: Toluene-d8	*	0	80-120		101.9	%REC	1	06/08/2026 18:47	257932

Client: ERM

Work Order: 26052589

Client Project: Ameren Taylorville 2nd Qtr 2026

Report Date: 09-Jun-26

Lab ID: 26052589-015

Client Sample ID: DUP-001-WG-20260527

Matrix: GROUNDWATER

Collection Date: 05/27/2026 0:01

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	1.000070	0.000100		ND	mg/L	1	06/07/2026 20:30	257516
Acenaphthylene	NELAP	1.000050	0.000100		ND	mg/L	1	06/07/2026 20:30	257516
Anthracene	NELAP	1.000200	0.000300		ND	mg/L	1	06/07/2026 20:30	257516
Benzo(a)anthracene	NELAP	1.000070	0.000100		ND	mg/L	1	06/07/2026 20:30	257516
Benzo(a)pyrene	NELAP	1.000110	0.000200		ND	mg/L	1	06/07/2026 20:30	257516
Benzo(b)fluoranthene	NELAP	1.000130	0.000200		ND	mg/L	1	06/07/2026 20:30	257516
Benzo(g,h,i)perylene	NELAP	1.000120	0.000200		ND	mg/L	1	06/07/2026 20:30	257516
Benzo(k)fluoranthene	NELAP	1.000120	0.000200		ND	mg/L	1	06/07/2026 20:30	257516
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	06/07/2026 20:30	257516
Chrysene	NELAP	1.000120	0.000200		ND	mg/L	1	06/07/2026 20:30	257516
Dibenzo(a,h)anthracene	NELAP	1.000080	0.000100		ND	mg/L	1	06/07/2026 20:30	257516
Di-n-butyl phthalate	NELAP	1.000830	0.0100	B	ND	mg/L	1	06/07/2026 20:30	257516
Fluoranthene	NELAP	1.000270	0.000300		ND	mg/L	1	06/07/2026 20:30	257516
Fluorene	NELAP	1.000170	0.000200		ND	mg/L	1	06/07/2026 20:30	257516
Indeno(1,2,3-cd)pyrene	NELAP	1.000160	0.000200		ND	mg/L	1	06/07/2026 20:30	257516
m,p-Cresol	NELAP	1.000590	0.0100		ND	mg/L	1	06/08/2026 23:49	257516
Naphthalene	NELAP	1.000160	0.000400		ND	mg/L	1	06/07/2026 20:30	257516
o-Cresol	NELAP	1.000540	0.0100		ND	mg/L	1	06/07/2026 20:30	257516
Phenanthrene	NELAP	1.000530	0.000600		ND	mg/L	1	06/07/2026 20:30	257516
Pyrene	NELAP	1.000180	0.000200		ND	mg/L	1	06/07/2026 20:30	257516
Surr: 2,4,6-Tribromophenol	*	0	40-156		85.8	%REC	1	06/07/2026 20:30	257516
Surr: 2-Fluorobiphenyl	*	0	39-117		69.8	%REC	1	06/07/2026 20:30	257516
Surr: 2-Fluorophenol	*	0	26.7-139		88.3	%REC	1	06/07/2026 20:30	257516
Surr: Nitrobenzene-d5	*	0	37.1-121		77.4	%REC	1	06/07/2026 20:30	257516
Surr: Phenol-d5	*	0	24.9-122		70.6	%REC	1	06/07/2026 20:30	257516
Surr: p-Terphenyl-d14	*	0	49.6-138		95.5	%REC	1	06/07/2026 20:30	257516
Contamination present in the MBLK for Di-n-butyl phthalate. Sample results below the reporting limit are reportable per the TNI Standard.									
SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	06/08/2026 19:10	257932
Bromoform	NELAP	0.36	2.00		ND	µg/L	1	06/08/2026 19:10	257932
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	06/08/2026 19:10	257932
m,p-Xylenes	NELAP	0.16	1.00		ND	µg/L	1	06/08/2026 19:10	257932
Methylene chloride	NELAP	0.38	2.00		ND	µg/L	1	06/08/2026 19:10	257932
Naphthalene	NELAP	0.94	2.00		ND	µg/L	1	06/08/2026 19:10	257932
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	06/08/2026 19:10	257932
Toluene	NELAP	0.11	2.0	J	0.50	µg/L	1	06/08/2026 19:10	257932
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	06/08/2026 19:10	257932
Xylenes, Total	NELAP	0.16	2.00		ND	µg/L	1	06/08/2026 19:10	257932
Surr: 1,2-Dichloroethane-d4	*	0	80-120		106.5	%REC	1	06/08/2026 19:10	257932
Surr: 4-Bromofluorobenzene	*	0	80-120		96.9	%REC	1	06/08/2026 19:10	257932
Surr: Dibromofluoromethane	*	0	80-120		104.4	%REC	1	06/08/2026 19:10	257932
Surr: Toluene-d8	*	0	80-120		102.4	%REC	1	06/08/2026 19:10	257932

Client: ERM

Work Order: 26052589

Client Project: Ameren Taylorville 2nd Qtr 2026

Report Date: 09-Jun-26

Lab ID: 26052589-016

Client Sample ID: TB-001-WQ-20260527

Matrix: TRIP BLANK

Collection Date: 05/29/2026 15:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	06/09/2026 0:24	257961
Bromoform	NELAP	0.36	2.00		ND	µg/L	1	06/09/2026 0:24	257961
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	06/09/2026 0:24	257961
m,p-Xylenes	NELAP	0.16	1.00		ND	µg/L	1	06/09/2026 0:24	257961
Methylene chloride	NELAP	0.38	2.00	B	ND	µg/L	1	06/09/2026 0:24	257961
Naphthalene	NELAP	0.94	2.00		ND	µg/L	1	06/09/2026 0:24	257961
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	06/09/2026 0:24	257961
Toluene	NELAP	0.11	2.0	J	0.55	µg/L	1	06/09/2026 0:24	257961
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	06/09/2026 0:24	257961
Xylenes, Total	NELAP	0.16	2.00		ND	µg/L	1	06/09/2026 0:24	257961
Surr: 1,2-Dichloroethane-d4	*	0	80-120		105.7	%REC	1	06/09/2026 0:24	257961
Surr: 4-Bromofluorobenzene	*	0	80-120		98.6	%REC	1	06/09/2026 0:24	257961
Surr: Dibromofluoromethane	*	0	80-120		104.7	%REC	1	06/09/2026 0:24	257961
Surr: Toluene-d8	*	0	80-120		102.7	%REC	1	06/09/2026 0:24	257961

Results have less certainty - Client Requested Quantitation Limit is below the method limit of quantitation.

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

Client: ERM

Work Order: 26052589

Client Project: Ameren Taylorville 2nd Qtr 2026

Report Date: 09-Jun-26

Lab ID: 26052589-017

Client Sample ID: DUP-002-WG-20260529

Matrix: GROUNDWATER

Collection Date: 05/29/2026 0:02

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.00700	0.0100		0.0212	mg/L	100	06/09/2026 6:05	257601
Acenaphthylene	NELAP	0.00500	0.0100		0.0115	mg/L	100	06/09/2026 6:05	257601
Anthracene	NELAP	0.0200	0.0300		ND	mg/L	100	06/09/2026 6:05	257601
Benzo(a)anthracene	NELAP	0.0070	0.010	J	0.0096	mg/L	100	06/09/2026 6:05	257601
Benzo(a)pyrene	NELAP	0.0110	0.0200		ND	mg/L	100	06/09/2026 6:05	257601
Benzo(b)fluoranthene	NELAP	0.0130	0.0200		ND	mg/L	100	06/09/2026 6:05	257601
Benzo(g,h,i)perylene	NELAP	0.0120	0.0200		ND	mg/L	100	06/09/2026 6:05	257601
Benzo(k)fluoranthene	NELAP	0.0120	0.0200		ND	mg/L	100	06/09/2026 6:05	257601
Bis(2-ethylhexyl)phthalate	NELAP	0.143	0.200		ND	mg/L	100	06/09/2026 6:05	257601
Chrysene	NELAP	0.012	0.020	J	0.014	mg/L	100	06/09/2026 6:05	257601
Dibenzo(a,h)anthracene	NELAP	0.00800	0.0100		ND	mg/L	100	06/09/2026 6:05	257601
Di-n-butyl phthalate	NELAP	0.0830	1.00		ND	mg/L	100	06/09/2026 6:05	257601
Fluoranthene	NELAP	0.0270	0.0300		0.0305	mg/L	100	06/09/2026 6:05	257601
Fluorene	NELAP	0.0170	0.0200		0.0882	mg/L	100	06/09/2026 6:05	257601
Indeno(1,2,3-cd)pyrene	NELAP	0.0160	0.0200		ND	mg/L	100	06/09/2026 6:05	257601
m,p-Cresol	NELAP	0.0590	1.00		ND	mg/L	100	06/09/2026 6:05	257601
Naphthalene	NELAP	0.0160	0.0400		0.396	mg/L	100	06/09/2026 6:05	257601
o-Cresol	NELAP	0.0540	1.00		ND	mg/L	100	06/09/2026 6:05	257601
Phenanthrene	NELAP	0.0530	0.0600		0.135	mg/L	100	06/09/2026 6:05	257601
Pyrene	NELAP	0.0180	0.0200		0.0222	mg/L	100	06/09/2026 6:05	257601
Surr: 2,4,6-Tribromophenol	*	0	40-156		43.0	%REC	100	06/09/2026 6:05	257601
Surr: 2-Fluorobiphenyl	*	0	39-117		74.0	%REC	100	06/09/2026 6:05	257601
Surr: 2-Fluorophenol	*	0	26.7-139		73.0	%REC	100	06/09/2026 6:05	257601
Surr: Nitrobenzene-d5	*	0	37.1-121		42.0	%REC	100	06/09/2026 6:05	257601
Surr: Phenol-d5	*	0	24.9-122	S	23.0	%REC	100	06/09/2026 6:05	257601
Surr: p-Terphenyl-d14	*	0	49.6-138		82.5	%REC	100	06/09/2026 6:05	257601

Surrogate recovery is outside control limits due to matrix interference.

Elevated reporting limit due to sample extract composition.

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.50	5.00		504	µg/L	10	06/08/2026 21:11	257932
Bromoform	NELAP	3.60	20.0		ND	µg/L	10	06/08/2026 21:11	257932
Ethylbenzene	NELAP	1.00	10.0		204	µg/L	10	06/08/2026 21:11	257932
m,p-Xylenes	NELAP	1.60	10.0		40.6	µg/L	10	06/08/2026 21:11	257932
Methylene chloride	NELAP	3.80	20.0		ND	µg/L	10	06/08/2026 21:11	257932
Naphthalene	NELAP	9.40	20.0		668	µg/L	10	06/08/2026 21:11	257932
o-Xylene	NELAP	0.50	10.0		130	µg/L	10	06/08/2026 21:11	257932
Toluene	NELAP	1.10	20.0		79.3	µg/L	10	06/08/2026 21:11	257932
trans-1,2-Dichloroethene	NELAP	1.00	20.0		ND	µg/L	10	06/08/2026 21:11	257932
Xylenes, Total	NELAP	1.60	20.0		171	µg/L	10	06/08/2026 21:11	257932
Surr: 1,2-Dichloroethane-d4	*	0	80-120		106.5	%REC	10	06/08/2026 21:11	257932
Surr: 4-Bromofluorobenzene	*	0	80-120		97.9	%REC	10	06/08/2026 21:11	257932
Surr: Dibromofluoromethane	*	0	80-120		101.7	%REC	10	06/08/2026 21:11	257932
Surr: Toluene-d8	*	0	80-120		103.6	%REC	10	06/08/2026 21:11	257932

Results have less certainty for Bromoform - Client Requested Quantitation Limit is below the method limit of quantitation.

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

Client: ERM

Work Order: 26052589

Client Project: Ameren Taylorville 2nd Qtr 2026

Report Date: 09-Jun-26

Lab ID: 26052589-018

Client Sample ID: GW-101S-WG-20260527

Matrix: GROUNDWATER

Collection Date: 05/27/2026 12:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	1.000070	0.000100		ND	mg/L	1	06/07/2026 21:10	257516
Acenaphthylene	NELAP	1.000050	0.000100		ND	mg/L	1	06/07/2026 21:10	257516
Anthracene	NELAP	1.000200	0.000300		ND	mg/L	1	06/07/2026 21:10	257516
Benzo(a)anthracene	NELAP	1.000070	0.000100		ND	mg/L	1	06/07/2026 21:10	257516
Benzo(a)pyrene	NELAP	1.000110	0.000200		ND	mg/L	1	06/07/2026 21:10	257516
Benzo(b)fluoranthene	NELAP	1.000130	0.000200		ND	mg/L	1	06/07/2026 21:10	257516
Benzo(g,h,i)perylene	NELAP	1.000120	0.000200		ND	mg/L	1	06/07/2026 21:10	257516
Benzo(k)fluoranthene	NELAP	1.000120	0.000200		ND	mg/L	1	06/07/2026 21:10	257516
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	06/07/2026 21:10	257516
Chrysene	NELAP	1.000120	0.000200		ND	mg/L	1	06/07/2026 21:10	257516
Dibenzo(a,h)anthracene	NELAP	1.000080	0.000100		ND	mg/L	1	06/07/2026 21:10	257516
Di-n-butyl phthalate	NELAP	1.000830	0.0100	B	ND	mg/L	1	06/07/2026 21:10	257516
Fluoranthene	NELAP	1.000270	0.000300		ND	mg/L	1	06/07/2026 21:10	257516
Fluorene	NELAP	1.000170	0.000200		ND	mg/L	1	06/07/2026 21:10	257516
Indeno(1,2,3-cd)pyrene	NELAP	1.000160	0.000200		ND	mg/L	1	06/07/2026 21:10	257516
m,p-Cresol	NELAP	1.000590	0.0100		ND	mg/L	1	06/09/2026 0:26	257516
Naphthalene	NELAP	1.000160	0.000400		ND	mg/L	1	06/07/2026 21:10	257516
o-Cresol	NELAP	1.000540	0.0100		ND	mg/L	1	06/07/2026 21:10	257516
Phenanthrene	NELAP	1.000530	0.000600		ND	mg/L	1	06/07/2026 21:10	257516
Pyrene	NELAP	1.000180	0.000200		ND	mg/L	1	06/07/2026 21:10	257516
Surr: 2,4,6-Tribromophenol	*	0	40-156		88.6	%REC	1	06/07/2026 21:10	257516
Surr: 2-Fluorobiphenyl	*	0	39-117		73.6	%REC	1	06/07/2026 21:10	257516
Surr: 2-Fluorophenol	*	0	26.7-139		86.4	%REC	1	06/07/2026 21:10	257516
Surr: Nitrobenzene-d5	*	0	37.1-121		77.5	%REC	1	06/07/2026 21:10	257516
Surr: Phenol-d5	*	0	24.9-122		66.8	%REC	1	06/07/2026 21:10	257516
Surr: p-Terphenyl-d14	*	0	49.6-138		97.2	%REC	1	06/07/2026 21:10	257516

Contamination present in the MBLK for Di-n-butyl phthalate. Sample results below the reporting limit are reportable per the TNI Standard.

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	06/08/2026 19:34	257932
Bromoform	NELAP	0.36	2.00		ND	µg/L	1	06/08/2026 19:34	257932
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	06/08/2026 19:34	257932
m,p-Xylenes	NELAP	0.16	1.00		ND	µg/L	1	06/08/2026 19:34	257932
Methylene chloride	NELAP	0.38	2.00		ND	µg/L	1	06/08/2026 19:34	257932
Naphthalene	NELAP	0.94	2.00		ND	µg/L	1	06/08/2026 19:34	257932
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	06/08/2026 19:34	257932
Toluene	NELAP	0.11	2.00		ND	µg/L	1	06/08/2026 19:34	257932
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	06/08/2026 19:34	257932
Xylenes, Total	NELAP	0.16	2.00		ND	µg/L	1	06/08/2026 19:34	257932
Surr: 1,2-Dichloroethane-d4	*	0	80-120		108.6	%REC	1	06/08/2026 19:34	257932
Surr: 4-Bromofluorobenzene	*	0	80-120		96.8	%REC	1	06/08/2026 19:34	257932
Surr: Dibromofluoromethane	*	0	80-120		106.0	%REC	1	06/08/2026 19:34	257932
Surr: Toluene-d8	*	0	80-120		103.3	%REC	1	06/08/2026 19:34	257932

Results have less certainty for Bromoform - Client Requested Quantitation Limit is below the method limit of quantitation.

Client: ERM

Work Order: 26052589

Client Project: Ameren Taylorville 2nd Qtr 2026

Report Date: 09-Jun-26

Lab ID: 26052589-019

Client Sample ID: GW-102S-WG-20260527

Matrix: GROUNDWATER

Collection Date: 05/27/2026 15:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	1.000070	0.000100		ND	mg/L	1	06/07/2026 21:49	257516
Acenaphthylene	NELAP	1.000050	0.000100		ND	mg/L	1	06/07/2026 21:49	257516
Anthracene	NELAP	1.000200	0.000300		ND	mg/L	1	06/07/2026 21:49	257516
Benzo(a)anthracene	NELAP	1.000070	0.000100		ND	mg/L	1	06/07/2026 21:49	257516
Benzo(a)pyrene	NELAP	1.000110	0.000200		ND	mg/L	1	06/07/2026 21:49	257516
Benzo(b)fluoranthene	NELAP	1.000130	0.000200		ND	mg/L	1	06/07/2026 21:49	257516
Benzo(g,h,i)perylene	NELAP	1.000120	0.000200		ND	mg/L	1	06/07/2026 21:49	257516
Benzo(k)fluoranthene	NELAP	1.000120	0.000200		ND	mg/L	1	06/07/2026 21:49	257516
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	06/07/2026 21:49	257516
Chrysene	NELAP	1.000120	0.000200		ND	mg/L	1	06/07/2026 21:49	257516
Dibenzo(a,h)anthracene	NELAP	1.000080	0.000100		ND	mg/L	1	06/07/2026 21:49	257516
Di-n-butyl phthalate	NELAP	0.00083	0.010	BJ	0.00096	mg/L	1	06/07/2026 21:49	257516
Fluoranthene	NELAP	1.000270	0.000300		ND	mg/L	1	06/07/2026 21:49	257516
Fluorene	NELAP	1.000170	0.000200		ND	mg/L	1	06/07/2026 21:49	257516
Indeno(1,2,3-cd)pyrene	NELAP	1.000160	0.000200		ND	mg/L	1	06/07/2026 21:49	257516
m,p-Cresol	NELAP	1.000590	0.0100		ND	mg/L	1	06/09/2026 1:04	257516
Naphthalene	NELAP	1.000160	0.000400		ND	mg/L	1	06/07/2026 21:49	257516
o-Cresol	NELAP	1.000540	0.0100		ND	mg/L	1	06/07/2026 21:49	257516
Phenanthrene	NELAP	1.000530	0.000600		ND	mg/L	1	06/07/2026 21:49	257516
Pyrene	NELAP	1.000180	0.000200		ND	mg/L	1	06/07/2026 21:49	257516
Surr: 2,4,6-Tribromophenol	*	0	40-156		94.0	%REC	1	06/07/2026 21:49	257516
Surr: 2-Fluorobiphenyl	*	0	39-117		66.8	%REC	1	06/07/2026 21:49	257516
Surr: 2-Fluorophenol	*	0	26.7-139		70.2	%REC	1	06/07/2026 21:49	257516
Surr: Nitrobenzene-d5	*	0	37.1-121		69.2	%REC	1	06/07/2026 21:49	257516
Surr: Phenol-d5	*	0	24.9-122		64.9	%REC	1	06/07/2026 21:49	257516
Surr: p-Terphenyl-d14	*	0	49.6-138		88.6	%REC	1	06/07/2026 21:49	257516

Contamination present in the MBLK for Di-n-butyl phthalate. Sample results below the reporting limit are reportable per the TNI Standard.

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	06/08/2026 19:58	257932
Bromoform	NELAP	0.36	2.00		ND	µg/L	1	06/08/2026 19:58	257932
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	06/08/2026 19:58	257932
m,p-Xylenes	NELAP	0.16	1.00		ND	µg/L	1	06/08/2026 19:58	257932
Methylene chloride	NELAP	0.38	2.00		ND	µg/L	1	06/08/2026 19:58	257932
Naphthalene	NELAP	0.94	2.00		ND	µg/L	1	06/08/2026 19:58	257932
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	06/08/2026 19:58	257932
Toluene	NELAP	0.11	2.00		ND	µg/L	1	06/08/2026 19:58	257932
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	06/08/2026 19:58	257932
Xylenes, Total	NELAP	0.16	2.00		ND	µg/L	1	06/08/2026 19:58	257932
Surr: 1,2-Dichloroethane-d4	*	0	80-120		108.1	%REC	1	06/08/2026 19:58	257932
Surr: 4-Bromofluorobenzene	*	0	80-120		97.9	%REC	1	06/08/2026 19:58	257932
Surr: Dibromofluoromethane	*	0	80-120		106.7	%REC	1	06/08/2026 19:58	257932
Surr: Toluene-d8	*	0	80-120		102.5	%REC	1	06/08/2026 19:58	257932

Results have less certainty for Bromoform - Client Requested Quantitation Limit is below the method limit of quantitation.

Client: ERM

Work Order: 26052589

Client Project: Ameren Taylorville 2nd Qtr 2026

Report Date: 09-Jun-26

Lab ID: 26052589-020

Client Sample ID: GW-102D-WG-20260527

Matrix: GROUNDWATER

Collection Date: 05/27/2026 15:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	1.000070	0.000100		ND	mg/L	1	06/07/2026 22:28	257516
Acenaphthylene	NELAP	1.000050	0.000100		ND	mg/L	1	06/07/2026 22:28	257516
Anthracene	NELAP	1.000200	0.000300		ND	mg/L	1	06/07/2026 22:28	257516
Benzo(a)anthracene	NELAP	1.000070	0.000100		ND	mg/L	1	06/07/2026 22:28	257516
Benzo(a)pyrene	NELAP	1.000110	0.000200		ND	mg/L	1	06/07/2026 22:28	257516
Benzo(b)fluoranthene	NELAP	1.000130	0.000200		ND	mg/L	1	06/07/2026 22:28	257516
Benzo(g,h,i)perylene	NELAP	1.000120	0.000200		ND	mg/L	1	06/07/2026 22:28	257516
Benzo(k)fluoranthene	NELAP	1.000120	0.000200		ND	mg/L	1	06/07/2026 22:28	257516
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	06/07/2026 22:28	257516
Chrysene	NELAP	1.000120	0.000200		ND	mg/L	1	06/07/2026 22:28	257516
Dibenzo(a,h)anthracene	NELAP	1.000080	0.000100		ND	mg/L	1	06/07/2026 22:28	257516
Di-n-butyl phthalate	NELAP	1.000830	0.0100	B	ND	mg/L	1	06/07/2026 22:28	257516
Fluoranthene	NELAP	1.000270	0.000300		ND	mg/L	1	06/07/2026 22:28	257516
Fluorene	NELAP	1.000170	0.000200		ND	mg/L	1	06/07/2026 22:28	257516
Indeno(1,2,3-cd)pyrene	NELAP	1.000160	0.000200		ND	mg/L	1	06/07/2026 22:28	257516
m,p-Cresol	NELAP	1.000590	0.0100		ND	mg/L	1	06/09/2026 1:41	257516
Naphthalene	NELAP	1.000160	0.000400		ND	mg/L	1	06/07/2026 22:28	257516
o-Cresol	NELAP	1.000540	0.0100		ND	mg/L	1	06/07/2026 22:28	257516
Phenanthrene	NELAP	1.000530	0.000600		ND	mg/L	1	06/07/2026 22:28	257516
Pyrene	NELAP	1.000180	0.000200		ND	mg/L	1	06/07/2026 22:28	257516
Surr: 2,4,6-Tribromophenol	*	0	40-156		82.3	%REC	1	06/07/2026 22:28	257516
Surr: 2-Fluorobiphenyl	*	0	39-117		58.8	%REC	1	06/07/2026 22:28	257516
Surr: 2-Fluorophenol	*	0	26.7-139		56.2	%REC	1	06/07/2026 22:28	257516
Surr: Nitrobenzene-d5	*	0	37.1-121		62.3	%REC	1	06/07/2026 22:28	257516
Surr: Phenol-d5	*	0	24.9-122		57.0	%REC	1	06/07/2026 22:28	257516
Surr: p-Terphenyl-d14	*	0	49.6-138		82.8	%REC	1	06/07/2026 22:28	257516

Contamination present in the MBLK for Di-n-butyl phthalate. Sample results below the reporting limit are reportable per the TNI Standard.

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	06/08/2026 20:22	257932
Bromoform	NELAP	0.36	2.00		ND	µg/L	1	06/08/2026 20:22	257932
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	06/08/2026 20:22	257932
m,p-Xylenes	NELAP	0.16	1.00		ND	µg/L	1	06/08/2026 20:22	257932
Methylene chloride	NELAP	0.38	2.00		ND	µg/L	1	06/08/2026 20:22	257932
Naphthalene	NELAP	0.94	2.00		ND	µg/L	1	06/08/2026 20:22	257932
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	06/08/2026 20:22	257932
Toluene	NELAP	0.11	2.00		ND	µg/L	1	06/08/2026 20:22	257932
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	06/08/2026 20:22	257932
Xylenes, Total	NELAP	0.16	2.00		ND	µg/L	1	06/08/2026 20:22	257932
Surr: 1,2-Dichloroethane-d4	*	0	80-120		104.5	%REC	1	06/08/2026 20:22	257932
Surr: 4-Bromofluorobenzene	*	0	80-120		96.4	%REC	1	06/08/2026 20:22	257932
Surr: Dibromofluoromethane	*	0	80-120		100.8	%REC	1	06/08/2026 20:22	257932
Surr: Toluene-d8	*	0	80-120		103.8	%REC	1	06/08/2026 20:22	257932

Results have less certainty for Bromoform - Client Requested Quantitation Limit is below the method limit of quantitation.

Client: ERM

Work Order: 26052589

Client Project: Ameren Taylorville 2nd Qtr 2026

Report Date: 09-Jun-26

Lab ID: 26052589-021

Client Sample ID: GW-25-WG-20260528

Matrix: GROUNDWATER

Collection Date: 05/28/2026 16:05

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	1.000070	0.000100		ND	mg/L	1	06/07/2026 23:07	257516
Acenaphthylene	NELAP	1.000050	0.000100		ND	mg/L	1	06/07/2026 23:07	257516
Anthracene	NELAP	1.000200	0.000300		ND	mg/L	1	06/07/2026 23:07	257516
Benzo(a)anthracene	NELAP	1.000070	0.000100		ND	mg/L	1	06/07/2026 23:07	257516
Benzo(a)pyrene	NELAP	1.000110	0.000200		ND	mg/L	1	06/07/2026 23:07	257516
Benzo(b)fluoranthene	NELAP	1.000130	0.000200		ND	mg/L	1	06/07/2026 23:07	257516
Benzo(g,h,i)perylene	NELAP	1.000120	0.000200		ND	mg/L	1	06/07/2026 23:07	257516
Benzo(k)fluoranthene	NELAP	1.000120	0.000200		ND	mg/L	1	06/07/2026 23:07	257516
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	06/07/2026 23:07	257516
Chrysene	NELAP	1.000120	0.000200		ND	mg/L	1	06/07/2026 23:07	257516
Dibenzo(a,h)anthracene	NELAP	1.000080	0.000100		ND	mg/L	1	06/07/2026 23:07	257516
Di-n-butyl phthalate	NELAP	1.000830	0.0100	B	ND	mg/L	1	06/07/2026 23:07	257516
Fluoranthene	NELAP	1.000270	0.000300		ND	mg/L	1	06/07/2026 23:07	257516
Fluorene	NELAP	1.000170	0.000200		ND	mg/L	1	06/07/2026 23:07	257516
Indeno(1,2,3-cd)pyrene	NELAP	1.000160	0.000200		ND	mg/L	1	06/07/2026 23:07	257516
m,p-Cresol	NELAP	1.000590	0.0100		ND	mg/L	1	06/09/2026 2:19	257516
Naphthalene	NELAP	1.000160	0.000400	S	ND	mg/L	1	06/07/2026 23:07	257516
o-Cresol	NELAP	1.000540	0.0100		ND	mg/L	1	06/07/2026 23:07	257516
Phenanthrene	NELAP	1.000530	0.000600		ND	mg/L	1	06/07/2026 23:07	257516
Pyrene	NELAP	1.000180	0.000200		ND	mg/L	1	06/07/2026 23:07	257516
Surr: 2,4,6-Tribromophenol	*	0	40-156		99.7	%REC	1	06/07/2026 23:07	257516
Surr: 2-Fluorobiphenyl	*	0	39-117		79.8	%REC	1	06/07/2026 23:07	257516
Surr: 2-Fluorophenol	*	0	26.7-139		77.7	%REC	1	06/07/2026 23:07	257516
Surr: Nitrobenzene-d5	*	0	37.1-121		79.7	%REC	1	06/07/2026 23:07	257516
Surr: Phenol-d5	*	0	24.9-122		78.3	%REC	1	06/07/2026 23:07	257516
Surr: p-Terphenyl-d14	*	0	49.6-138		104.8	%REC	1	06/07/2026 23:07	257516

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

Contamination present in the MBLK for Di-n-butyl phthalate. Sample results below the reporting limit are reportable per the TNI Standard.

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	06/06/2026 0:35	257847
Bromoform	NELAP	0.36	2.00		ND	µg/L	1	06/06/2026 0:35	257847
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	06/06/2026 0:35	257847
m,p-Xylenes	NELAP	0.16	1.00		ND	µg/L	1	06/06/2026 0:35	257847
Methylene chloride	NELAP	0.38	2.00		ND	µg/L	1	06/06/2026 0:35	257847
Naphthalene	NELAP	0.94	2.00		ND	µg/L	1	06/06/2026 0:35	257847
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	06/06/2026 0:35	257847
Toluene	NELAP	0.11	2.0	J	0.45	µg/L	1	06/06/2026 0:35	257847
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	06/06/2026 0:35	257847
Xylenes, Total	NELAP	0.16	2.00		ND	µg/L	1	06/06/2026 0:35	257847
Surr: 1,2-Dichloroethane-d4	*	0	80-120		100.7	%REC	1	06/06/2026 0:35	257847
Surr: 4-Bromofluorobenzene	*	0	80-120		100.4	%REC	1	06/06/2026 0:35	257847
Surr: Dibromofluoromethane	*	0	80-120		96.8	%REC	1	06/06/2026 0:35	257847
Surr: Toluene-d8	*	0	80-120		105.4	%REC	1	06/06/2026 0:35	257847

Results have less certainty for Bromoform - Client Requested Quantitation Limit is below the method limit of quantitation.

Client: ERM

Work Order: 26052589

Client Project: Ameren Taylorville 2nd Qtr 2026

Report Date: 09-Jun-26

Lab ID: 26052589-022

Client Sample ID: GW-26-WG-20260527

Matrix: GROUNDWATER

Collection Date: 05/27/2026 14:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	1.000070	0.000100		ND	mg/L	1	06/08/2026 1:04	257516
Acenaphthylene	NELAP	1.000050	0.000100		ND	mg/L	1	06/08/2026 1:04	257516
Anthracene	NELAP	1.000200	0.000300		ND	mg/L	1	06/08/2026 1:04	257516
Benzo(a)anthracene	NELAP	1.000070	0.000100		ND	mg/L	1	06/08/2026 1:04	257516
Benzo(a)pyrene	NELAP	1.000110	0.000200		ND	mg/L	1	06/08/2026 1:04	257516
Benzo(b)fluoranthene	NELAP	1.000130	0.000200		ND	mg/L	1	06/08/2026 1:04	257516
Benzo(g,h,i)perylene	NELAP	1.000120	0.000200		ND	mg/L	1	06/08/2026 1:04	257516
Benzo(k)fluoranthene	NELAP	1.000120	0.000200		ND	mg/L	1	06/08/2026 1:04	257516
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	06/08/2026 1:04	257516
Chrysene	NELAP	1.000120	0.000200		ND	mg/L	1	06/08/2026 1:04	257516
Dibenzo(a,h)anthracene	NELAP	1.000080	0.000100		ND	mg/L	1	06/08/2026 1:04	257516
Di-n-butyl phthalate	NELAP	1.000830	0.0100	B	ND	mg/L	1	06/08/2026 1:04	257516
Fluoranthene	NELAP	1.000270	0.000300		ND	mg/L	1	06/08/2026 1:04	257516
Fluorene	NELAP	1.000170	0.000200		ND	mg/L	1	06/08/2026 1:04	257516
Indeno(1,2,3-cd)pyrene	NELAP	1.000160	0.000200		ND	mg/L	1	06/08/2026 1:04	257516
m,p-Cresol	NELAP	1.000590	0.0100		ND	mg/L	1	06/09/2026 4:12	257516
Naphthalene	NELAP	1.000160	0.000400		ND	mg/L	1	06/08/2026 1:04	257516
o-Cresol	NELAP	1.000540	0.0100		ND	mg/L	1	06/08/2026 1:04	257516
Phenanthrene	NELAP	1.000530	0.000600		ND	mg/L	1	06/08/2026 1:04	257516
Pyrene	NELAP	1.000180	0.000200		ND	mg/L	1	06/08/2026 1:04	257516
Surr: 2,4,6-Tribromophenol	*	0	40-156		97.0	%REC	1	06/08/2026 1:04	257516
Surr: 2-Fluorobiphenyl	*	0	39-117		76.7	%REC	1	06/08/2026 1:04	257516
Surr: 2-Fluorophenol	*	0	26.7-139		74.2	%REC	1	06/08/2026 1:04	257516
Surr: Nitrobenzene-d5	*	0	37.1-121		80.4	%REC	1	06/08/2026 1:04	257516
Surr: Phenol-d5	*	0	24.9-122		75.4	%REC	1	06/08/2026 1:04	257516
Surr: p-Terphenyl-d14	*	0	49.6-138		96.6	%REC	1	06/08/2026 1:04	257516

Contamination present in the MBLK for Di-n-butyl phthalate. Sample results below the reporting limit are reportable per the TNI Standard.

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	06/08/2026 20:47	257932
Bromoform	NELAP	0.36	2.00		ND	µg/L	1	06/08/2026 20:47	257932
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	06/08/2026 20:47	257932
m,p-Xylenes	NELAP	0.16	1.00		ND	µg/L	1	06/08/2026 20:47	257932
Methylene chloride	NELAP	0.38	2.00		ND	µg/L	1	06/08/2026 20:47	257932
Naphthalene	NELAP	0.94	2.00		ND	µg/L	1	06/08/2026 20:47	257932
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	06/08/2026 20:47	257932
Toluene	NELAP	0.11	2.0	J	0.29	µg/L	1	06/08/2026 20:47	257932
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	06/08/2026 20:47	257932
Xylenes, Total	NELAP	0.16	2.00		ND	µg/L	1	06/08/2026 20:47	257932
Surr: 1,2-Dichloroethane-d4	*	0	80-120		105.7	%REC	1	06/08/2026 20:47	257932
Surr: 4-Bromofluorobenzene	*	0	80-120		97.3	%REC	1	06/08/2026 20:47	257932
Surr: Dibromofluoromethane	*	0	80-120		104.1	%REC	1	06/08/2026 20:47	257932
Surr: Toluene-d8	*	0	80-120		103.0	%REC	1	06/08/2026 20:47	257932

Results have less certainty for Bromoform - Client Requested Quantitation Limit is below the method limit of quantitation.

Client: ERM

Work Order: 26052589

Client Project: Ameren Taylorville 2nd Qtr 2026

Report Date: 09-Jun-26

Lab ID: 26052589-023

Client Sample ID: EQB-001-WQ-20260527

Matrix: GROUNDWATER

Collection Date: 05/27/2026 11:45

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	1.000070	0.000100		ND	mg/L	1	06/07/2026 20:34	257601
Acenaphthylene	NELAP	1.000050	0.000100		ND	mg/L	1	06/07/2026 20:34	257601
Anthracene	NELAP	1.000200	0.000300		ND	mg/L	1	06/07/2026 20:34	257601
Benzo(a)anthracene	NELAP	1.000070	0.000100		ND	mg/L	1	06/07/2026 20:34	257601
Benzo(a)pyrene	NELAP	1.000110	0.000200		ND	mg/L	1	06/07/2026 20:34	257601
Benzo(b)fluoranthene	NELAP	1.000130	0.000200		ND	mg/L	1	06/07/2026 20:34	257601
Benzo(g,h,i)perylene	NELAP	1.000120	0.000200		ND	mg/L	1	06/07/2026 20:34	257601
Benzo(k)fluoranthene	NELAP	1.000120	0.000200		ND	mg/L	1	06/07/2026 20:34	257601
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		ND	mg/L	1	06/07/2026 20:34	257601
Chrysene	NELAP	1.000120	0.000200		ND	mg/L	1	06/07/2026 20:34	257601
Dibenzo(a,h)anthracene	NELAP	1.000080	0.000100		ND	mg/L	1	06/07/2026 20:34	257601
Di-n-butyl phthalate	NELAP	1.000830	0.0100		ND	mg/L	1	06/07/2026 20:34	257601
Fluoranthene	NELAP	1.000270	0.000300		ND	mg/L	1	06/07/2026 20:34	257601
Fluorene	NELAP	1.000170	0.000200		ND	mg/L	1	06/07/2026 20:34	257601
Indeno(1,2,3-cd)pyrene	NELAP	1.000160	0.000200		ND	mg/L	1	06/07/2026 20:34	257601
m,p-Cresol	NELAP	1.000590	0.0100		ND	mg/L	1	06/07/2026 20:34	257601
Naphthalene	NELAP	1.000160	0.000400		ND	mg/L	1	06/07/2026 20:34	257601
o-Cresol	NELAP	1.000540	0.0100		ND	mg/L	1	06/07/2026 20:34	257601
Phenanthrene	NELAP	1.000530	0.000600		ND	mg/L	1	06/07/2026 20:34	257601
Pyrene	NELAP	1.000180	0.000200		ND	mg/L	1	06/07/2026 20:34	257601
Surr: 2,4,6-Tribromophenol	*	0	40-156		107.7	%REC	1	06/07/2026 20:34	257601
Surr: 2-Fluorobiphenyl	*	0	39-117		101.3	%REC	1	06/07/2026 20:34	257601
Surr: 2-Fluorophenol	*	0	26.7-139		90.6	%REC	1	06/07/2026 20:34	257601
Surr: Nitrobenzene-d5	*	0	37.1-121		91.8	%REC	1	06/07/2026 20:34	257601
Surr: Phenol-d5	*	0	24.9-122		84.8	%REC	1	06/07/2026 20:34	257601
Surr: p-Terphenyl-d14	*	0	49.6-138		103.5	%REC	1	06/07/2026 20:34	257601
SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		ND	µg/L	1	06/09/2026 4:24	257961
Bromoform	NELAP	0.36	2.00		ND	µg/L	1	06/09/2026 4:24	257961
Ethylbenzene	NELAP	0.10	1.00		ND	µg/L	1	06/09/2026 4:24	257961
m,p-Xylenes	NELAP	0.16	1.00		ND	µg/L	1	06/09/2026 4:24	257961
Methylene chloride	NELAP	0.38	2.00	B	ND	µg/L	1	06/09/2026 4:24	257961
Naphthalene	NELAP	0.94	2.00		ND	µg/L	1	06/09/2026 4:24	257961
o-Xylene	NELAP	0.05	1.00		ND	µg/L	1	06/09/2026 4:24	257961
Toluene	NELAP	0.11	2.00		ND	µg/L	1	06/09/2026 4:24	257961
trans-1,2-Dichloroethene	NELAP	0.10	2.00		ND	µg/L	1	06/09/2026 4:24	257961
Xylenes, Total	NELAP	0.16	2.00		ND	µg/L	1	06/09/2026 4:24	257961
Surr: 1,2-Dichloroethane-d4	*	0	80-120		103.4	%REC	1	06/09/2026 4:24	257961
Surr: 4-Bromofluorobenzene	*	0	80-120		95.6	%REC	1	06/09/2026 4:24	257961
Surr: Dibromofluoromethane	*	0	80-120		101.8	%REC	1	06/09/2026 4:24	257961
Surr: Toluene-d8	*	0	80-120		103.4	%REC	1	06/09/2026 4:24	257961

Results have less certainty - Client Requested Quantitation Limit is below the method limit of quantitation.

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

Client: ERM

Work Order: 26052589

Client Project: Ameren Taylorville 2nd Qtr 2026

Report Date: 09-Jun-26

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
26052589-001	GW-04R-WG-20260529	Groundwater	2	05/29/2026 13:15
26052589-002	GW-05-WG-20260527	Groundwater	2	05/27/2026 17:35
26052589-003	GW-07-WG-20260529	Groundwater	2	05/29/2026 12:45
26052589-004	GW-14-WG-20260528	Groundwater	2	05/28/2026 18:00
26052589-005	GW-15-WG-20260529	Groundwater	2	05/29/2026 11:20
26052589-006	GW-16S-WG-20260528	Groundwater	2	05/28/2026 10:45
26052589-007	GW-16D-WG-20260528	Groundwater	2	05/28/2026 12:25
26052589-008	GW-17-WG-20260528	Groundwater	2	05/28/2026 13:15
26052589-009	GW-18S-WG-20260528	Groundwater	2	05/28/2026 15:20
26052589-010	GW-18D-WG-20260528	Groundwater	2	05/28/2026 14:50
26052589-011	GW-19S-WG-20260528	Groundwater	2	05/28/2026 9:40
26052589-012	GW-19D-WG-20260528	Groundwater	2	05/28/2026 9:15
26052589-013	GW-22S-WG-20260529	Groundwater	2	05/29/2026 9:15
26052589-014	GW-22D-WG-20260529	Groundwater	2	05/29/2026 8:55
26052589-015	DUP-001-WG-20260527	Groundwater	2	05/27/2026 0:01
26052589-016	TB-001-WQ-20260527	Trip Blank	1	05/29/2026 15:00
26052589-017	DUP-002-WG-20260529	Groundwater	2	05/29/2026 0:02
26052589-018	GW-101S-WG-20260527	Groundwater	2	05/27/2026 12:00
26052589-019	GW-102S-WG-20260527	Groundwater	2	05/27/2026 15:10
26052589-020	GW-102D-WG-20260527	Groundwater	2	05/27/2026 15:50
26052589-021	GW-25-WG-20260528	Groundwater	2	05/28/2026 16:05
26052589-022	GW-26-WG-20260527	Groundwater	2	05/27/2026 14:10
26052589-023	EQB-001-WQ-20260527	Groundwater	2	05/27/2026 11:45

Client: ERM

Work Order: 26052589

Client Project: Ameren Taylorville 2nd Qtr 2026

Report Date: 09-Jun-26

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
Test Name					
26052589-001A	GW-04R-WG-20260529	05/29/2026 13:15	05/29/2026 15:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			06/02/2026 12:13	06/07/2026 21:12
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			06/02/2026 12:13	06/09/2026 5:27
26052589-001B	GW-04R-WG-20260529	05/29/2026 13:15	05/29/2026 15:00		
	SW-846 5030B, 8260B, Volatile Organic Compounds by GC/MS				06/06/2026 9:03
26052589-002A	GW-05-WG-20260527	05/27/2026 17:35	05/29/2026 15:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			06/01/2026 15:01	06/06/2026 14:23
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			06/01/2026 15:01	06/09/2026 4:50
26052589-002B	GW-05-WG-20260527	05/27/2026 17:35	05/29/2026 15:00		
	SW-846 5030B, 8260B, Volatile Organic Compounds by GC/MS				06/06/2026 4:13
26052589-003A	GW-07-WG-20260529	05/29/2026 12:45	05/29/2026 15:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			06/01/2026 15:01	06/06/2026 15:02
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			06/01/2026 15:01	06/08/2026 13:08
26052589-003B	GW-07-WG-20260529	05/29/2026 12:45	05/29/2026 15:00		
	SW-846 5030B, 8260B, Volatile Organic Compounds by GC/MS				06/06/2026 4:37
26052589-004A	GW-14-WG-20260528	05/28/2026 18:00	05/29/2026 15:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			06/01/2026 15:01	06/06/2026 15:40
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			06/01/2026 15:01	06/08/2026 13:46
26052589-004B	GW-14-WG-20260528	05/28/2026 18:00	05/29/2026 15:00		
	SW-846 5030B, 8260B, Volatile Organic Compounds by GC/MS				06/06/2026 5:01
26052589-005A	GW-15-WG-20260529	05/29/2026 11:20	05/29/2026 15:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			06/01/2026 15:01	06/06/2026 16:19
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			06/01/2026 15:01	06/08/2026 14:23
26052589-005B	GW-15-WG-20260529	05/29/2026 11:20	05/29/2026 15:00		
	SW-846 5030B, 8260B, Volatile Organic Compounds by GC/MS				06/06/2026 5:25
26052589-006A	GW-16S-WG-20260528	05/28/2026 10:45	05/29/2026 15:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			06/01/2026 15:01	06/06/2026 16:58
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			06/01/2026 15:01	06/08/2026 15:01
26052589-006B	GW-16S-WG-20260528	05/28/2026 10:45	05/29/2026 15:00		
	SW-846 5030B, 8260B, Volatile Organic Compounds by GC/MS				06/06/2026 5:49
26052589-007A	GW-16D-WG-20260528	05/28/2026 12:25	05/29/2026 15:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			06/01/2026 15:01	06/06/2026 17:37
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			06/01/2026 15:01	06/08/2026 15:39
26052589-007B	GW-16D-WG-20260528	05/28/2026 12:25	05/29/2026 15:00		
	SW-846 5030B, 8260B, Volatile Organic Compounds by GC/MS				06/06/2026 6:14

Client: ERM

Work Order: 26052589

Client Project: Ameren Taylorville 2nd Qtr 2026

Report Date: 09-Jun-26

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
26052589-008A	GW-17-WG-20260528	05/28/2026 13:15	05/29/2026 15:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			06/01/2026 15:01	06/06/2026 18:16
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			06/01/2026 15:01	06/08/2026 16:17
26052589-008B	GW-17-WG-20260528	05/28/2026 13:15	05/29/2026 15:00		
	SW-846 5030B, 8260B, Volatile Organic Compounds by GC/MS				06/06/2026 6:38
26052589-009A	GW-18S-WG-20260528	05/28/2026 15:20	05/29/2026 15:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			06/01/2026 15:01	06/07/2026 16:36
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			06/01/2026 15:01	06/08/2026 16:54
26052589-009B	GW-18S-WG-20260528	05/28/2026 15:20	05/29/2026 15:00		
	SW-846 5030B, 8260B, Volatile Organic Compounds by GC/MS				06/06/2026 7:02
26052589-010A	GW-18D-WG-20260528	05/28/2026 14:50	05/29/2026 15:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			06/01/2026 15:01	06/07/2026 17:15
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			06/01/2026 15:01	06/08/2026 17:32
26052589-010B	GW-18D-WG-20260528	05/28/2026 14:50	05/29/2026 15:00		
	SW-846 5030B, 8260B, Volatile Organic Compounds by GC/MS				06/06/2026 7:26
26052589-011A	GW-19S-WG-20260528	05/28/2026 9:40	05/29/2026 15:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			06/01/2026 15:01	06/07/2026 17:54
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			06/01/2026 15:01	06/08/2026 18:09
26052589-011B	GW-19S-WG-20260528	05/28/2026 9:40	05/29/2026 15:00		
	SW-846 5030B, 8260B, Volatile Organic Compounds by GC/MS				06/06/2026 7:51
26052589-012A	GW-19D-WG-20260528	05/28/2026 9:15	05/29/2026 15:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			06/01/2026 15:01	06/07/2026 18:33
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			06/01/2026 15:01	06/08/2026 18:47
26052589-012B	GW-19D-WG-20260528	05/28/2026 9:15	05/29/2026 15:00		
	SW-846 5030B, 8260B, Volatile Organic Compounds by GC/MS				06/06/2026 8:15
26052589-013A	GW-22S-WG-20260529	05/29/2026 9:15	05/29/2026 15:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			06/01/2026 15:01	06/07/2026 19:12
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			06/01/2026 15:01	06/08/2026 22:33
26052589-013B	GW-22S-WG-20260529	05/29/2026 9:15	05/29/2026 15:00		
	SW-846 5030B, 8260B, Volatile Organic Compounds by GC/MS				06/06/2026 8:39
26052589-014A	GW-22D-WG-20260529	05/29/2026 8:55	05/29/2026 15:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			06/01/2026 15:01	06/07/2026 19:51
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			06/01/2026 15:01	06/08/2026 23:11
26052589-014B	GW-22D-WG-20260529	05/29/2026 8:55	05/29/2026 15:00		
	SW-846 5030B, 8260B, Volatile Organic Compounds by GC/MS				06/08/2026 18:47

Client: ERM

Work Order: 26052589

Client Project: Ameren Taylorville 2nd Qtr 2026

Report Date: 09-Jun-26

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
Test Name					
26052589-015A	DUP-001-WG-20260527	05/27/2026 0:01	05/29/2026 15:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			06/01/2026 15:01	06/07/2026 20:30
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			06/01/2026 15:01	06/08/2026 23:49
26052589-015B	DUP-001-WG-20260527	05/27/2026 0:01	05/29/2026 15:00		
	SW-846 5030B, 8260B, Volatile Organic Compounds by GC/MS				06/08/2026 19:10
26052589-016A	TB-001-WQ-20260527	05/29/2026 15:00	05/29/2026 15:00		
	SW-846 5030B, 8260B, Volatile Organic Compounds by GC/MS				06/09/2026 0:24
26052589-017A	DUP-002-WG-20260529	05/29/2026 0:02	05/29/2026 15:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			06/02/2026 12:13	06/09/2026 6:05
26052589-017B	DUP-002-WG-20260529	05/29/2026 0:02	05/29/2026 15:00		
	SW-846 5030B, 8260B, Volatile Organic Compounds by GC/MS				06/08/2026 21:11
26052589-018A	GW-101S-WG-20260527	05/27/2026 12:00	05/29/2026 15:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			06/01/2026 15:01	06/07/2026 21:10
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			06/01/2026 15:01	06/09/2026 0:26
26052589-018B	GW-101S-WG-20260527	05/27/2026 12:00	05/29/2026 15:00		
	SW-846 5030B, 8260B, Volatile Organic Compounds by GC/MS				06/08/2026 19:34
26052589-019A	GW-102S-WG-20260527	05/27/2026 15:10	05/29/2026 15:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			06/01/2026 15:01	06/07/2026 21:49
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			06/01/2026 15:01	06/09/2026 1:04
26052589-019B	GW-102S-WG-20260527	05/27/2026 15:10	05/29/2026 15:00		
	SW-846 5030B, 8260B, Volatile Organic Compounds by GC/MS				06/08/2026 19:58
26052589-020A	GW-102D-WG-20260527	05/27/2026 15:50	05/29/2026 15:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			06/01/2026 15:01	06/07/2026 22:28
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			06/01/2026 15:01	06/09/2026 1:41
26052589-020B	GW-102D-WG-20260527	05/27/2026 15:50	05/29/2026 15:00		
	SW-846 5030B, 8260B, Volatile Organic Compounds by GC/MS				06/08/2026 20:22
26052589-021A	GW-25-WG-20260528	05/28/2026 16:05	05/29/2026 15:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			06/01/2026 15:01	06/07/2026 23:07
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			06/01/2026 15:01	06/09/2026 2:19
26052589-021B	GW-25-WG-20260528	05/28/2026 16:05	05/29/2026 15:00		
	SW-846 5030B, 8260B, Volatile Organic Compounds by GC/MS				06/06/2026 0:35
26052589-022A	GW-26-WG-20260527	05/27/2026 14:10	05/29/2026 15:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			06/01/2026 15:01	06/08/2026 1:04
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			06/01/2026 15:01	06/09/2026 4:12
26052589-022B	GW-26-WG-20260527	05/27/2026 14:10	05/29/2026 15:00		

Client: ERM**Work Order:** 26052589**Client Project:** Ameren Taylorville 2nd Qtr 2026**Report Date:** 09-Jun-26

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
	SW-846 5030B, 8260B, Volatile Organic Compounds by GC/MS				06/08/2026 20:47
26052589-023A	EQB-001-WQ-20260527	05/27/2026 11:45	05/29/2026 15:00		
	SW-846 3510C, 8270C, Semi-Volatile Organic Compounds			06/02/2026 12:13	06/07/2026 20:34
26052589-023B	EQB-001-WQ-20260527	05/27/2026 11:45	05/29/2026 15:00		
	SW-846 5030B, 8260B, Volatile Organic Compounds by GC/MS				06/09/2026 4:24

Client: ERM

Work Order: 26052589

Client Project: Ameren Taylorville 2nd Qtr 2026

Report Date: 09-Jun-26

SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS
Batch 257516 **SampType:** MBLK **Units** mg/L

SampID: MBLK-257516

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		ND						06/06/2026
Acenaphthylene		0.000100		ND						06/06/2026
Anthracene		0.000300		ND						06/06/2026
Benzo(a)anthracene		0.000100		ND						06/06/2026
Benzo(a)pyrene		0.000200		ND						06/06/2026
Benzo(b)fluoranthene		0.000200		ND						06/06/2026
Benzo(g,h,i)perylene		0.000200		ND						06/06/2026
Benzo(k)fluoranthene		0.000200		ND						06/06/2026
Bis(2-ethylhexyl)phthalate		0.00600		ND						06/06/2026
Chrysene		0.000200		ND						06/06/2026
Dibenzo(a,h)anthracene		0.000100		ND						06/06/2026
Di-n-butyl phthalate		0.0100	J	0.00088						06/06/2026
Fluoranthene		0.000300		ND						06/06/2026
Fluorene		0.000200		ND						06/06/2026
Indeno(1,2,3-cd)pyrene		0.000200		ND						06/06/2026
m,p-Cresol		0.0100		ND						06/08/2026
Naphthalene		0.000400		ND						06/06/2026
o-Cresol		0.0100		ND						06/06/2026
Phenanthrene		0.000600		ND						06/06/2026
Pyrene		0.000200		ND						06/06/2026
Surr: 2,4,6-Tribromophenol	*			0.00205	0		0	0	0	06/06/2026
Surr: 2-Fluorobiphenyl	*			0.000848	0		0	0	0	06/06/2026
Surr: 2-Fluorophenol	*			0.00217	0		0	0	0	06/06/2026
Surr: Nitrobenzene-d5	*			0.000870	0		0	0	0	06/06/2026
Surr: Phenol-d5	*			0.00175	0		0	0	0	06/06/2026
Surr: p-Terphenyl-d14	*			0.00106	0		0	0	0	06/06/2026

Client: ERM

Work Order: 26052589

Client Project: Ameren Taylorville 2nd Qtr 2026

Report Date: 09-Jun-26

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

Batch 257516		SampType: LCS		Units mg/L							Date Analyzed
SampID: LCS-257516											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Acenaphthene		0.000100		0.00142	0.0020	0	71.0	45.3	114		
Acenaphthylene		0.000100		0.00154	0.0020	0	77.0	44.6	119		
Anthracene		0.000300		0.00152	0.0020	0	76.0	53.5	119		
Benzo(a)anthracene		0.000100		0.00159	0.0020	0	79.4	54.8	125		
Benzo(a)pyrene		0.000200		0.00174	0.0020	0	86.8	62.8	135		
Benzo(b)fluoranthene		0.000200		0.00181	0.0020	0	90.4	61.8	137		
Benzo(g,h,i)perylene		0.000200		0.00165	0.0020	0	82.5	60.1	134		
Benzo(k)fluoranthene		0.000200		0.00158	0.0020	0	79.1	56.4	127		
Bis(2-ethylhexyl)phthalate		0.00600	J	0.0021	0.0020	0	103.3	43	198		
Chrysene		0.000200		0.00160	0.0020	0	80.0	52.1	125		
Dibenzo(a,h)anthracene		0.000100		0.00190	0.0020	0	95.2	51.8	155		
Di-n-butyl phthalate		0.0100	BJ	0.0024	0.0020	0	118.2	55.8	150		
Fluoranthene		0.000300		0.00171	0.0020	0	85.6	58	124		
Fluorene		0.000200		0.00156	0.0020	0	77.9	50.9	117		
Indeno(1,2,3-cd)pyrene		0.000200		0.00185	0.0020	0	92.3	61.4	146		
m,p-Cresol		0.0100		0.0170	0.0200	0	84.8	44.9	110		
Naphthalene		0.000400		0.00138	0.0020	0	68.8	37.1	112		
o-Cresol		0.0100		0.0147	0.0200	0	73.7	49	110		
Phenanthrene		0.000600		0.00160	0.0020	0	80.0	54.9	122		
Pyrene		0.000200		0.00172	0.0020	0	85.9	51.7	122		
Surr: 2,4,6-Tribromophenol	*			0.00224	0.0020		112.2	55.2	162		
Surr: 2-Fluorobiphenyl	*			0.000846	0.0010		84.6	52.3	123		
Surr: 2-Fluorophenol	*			0.00214	0.0020		107.0	46.2	140		
Surr: Nitrobenzene-d5	*			0.000903	0.0010		90.3	50.6	123		
Surr: Phenol-d5	*			0.00185	0.0020		92.6	43.4	127		
Surr: p-Terphenyl-d14	*			0.00113	0.0010		113.3	58.9	149		

Client: ERM

Work Order: 26052589

Client Project: Ameren Taylorville 2nd Qtr 2026

Report Date: 09-Jun-26

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

Batch 257516		SampType: LCSD		Units mg/L		RPD Limit 27.2					Date Analyzed
SampID: LCSD-257516											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Acenaphthene		0.000100		0.00134	0.0020	0	67.2	0.001419	5.35	06/06/2026	
Acenaphthylene		0.000100		0.00149	0.0020	0	74.3	0.001540	3.50	06/06/2026	
Anthracene		0.000300		0.00143	0.0020	0	71.7	0.001521	5.86	06/06/2026	
Benzo(a)anthracene		0.000100		0.00153	0.0020	0	76.3	0.001589	4.07	06/06/2026	
Benzo(a)pyrene		0.000200		0.00166	0.0020	0	83.1	0.001735	4.24	06/06/2026	
Benzo(b)fluoranthene		0.000200		0.00175	0.0020	0	87.6	0.001808	3.17	06/06/2026	
Benzo(g,h,i)perylene		0.000200		0.00157	0.0020	0	78.6	0.001651	4.90	06/06/2026	
Benzo(k)fluoranthene		0.000200		0.00151	0.0020	0	75.4	0.001582	4.88	06/06/2026	
Bis(2-ethylhexyl)phthalate		0.00600	J	0.0019	0.0020	0	95.0	0.002065	0.00	06/06/2026	
Chrysene		0.000200		0.00159	0.0020	0	79.7	0.001599	0.28	06/06/2026	
Dibenzo(a,h)anthracene		0.000100		0.00176	0.0020	0	87.9	0.001904	8.05	06/06/2026	
Di-n-butyl phthalate		0.0100	BJ	0.0020	0.0020	0	101.2	0.002364	0.00	06/06/2026	
Fluoranthene		0.000300		0.00158	0.0020	0	79.2	0.001712	7.71	06/06/2026	
Fluorene		0.000200		0.00147	0.0020	0	73.4	0.001558	5.95	06/06/2026	
Indeno(1,2,3-cd)pyrene		0.000200		0.00179	0.0020	0	89.4	0.001845	3.14	06/06/2026	
m,p-Cresol		0.0100		0.0165	0.0200	0	82.7	0.01557	6.09	06/08/2026	
Naphthalene		0.000400		0.00132	0.0020	0	66.1	0.001376	3.92	06/06/2026	
o-Cresol		0.0100		0.0141	0.0200	0	70.7	0.01475	4.19	06/06/2026	
Phenanthrene		0.000600		0.00151	0.0020	0	75.3	0.001601	6.13	06/06/2026	
Pyrene		0.000200		0.00158	0.0020	0	79.0	0.001718	8.34	06/06/2026	
Surr: 2,4,6-Tribromophenol	*			0.00212	0.0020		106.2			06/06/2026	
Surr: 2-Fluorobiphenyl	*			0.000792	0.0010		79.2			06/06/2026	
Surr: 2-Fluorophenol	*			0.00204	0.0020		101.8			06/06/2026	
Surr: Nitrobenzene-d5	*			0.000822	0.0010		82.2			06/06/2026	
Surr: Phenol-d5	*			0.00181	0.0020		90.7			06/06/2026	
Surr: p-Terphenyl-d14	*			0.000978	0.0010		97.8			06/06/2026	

Client: ERM

Work Order: 26052589

Client Project: Ameren Taylorville 2nd Qtr 2026

Report Date: 09-Jun-26

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

Batch 257516		SampType: MS		Units mg/L							Date Analyzed	
SampID: 26052589-021AMS												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Acenaphthene		0.000100		0.00115	0.0020	0	57.3	51.2	112	06/07/2026		
Acenaphthylene		0.000100		0.00118	0.0020	0	58.9	52.2	116	06/07/2026		
Anthracene		0.000300		0.00137	0.0020	0	68.5	57.9	115	06/07/2026		
Benzo(a)anthracene		0.000100		0.00153	0.0020	0	76.5	58.1	120	06/07/2026		
Benzo(a)pyrene		0.000200		0.00160	0.0020	0	79.9	59.6	136	06/07/2026		
Benzo(b)fluoranthene		0.000200		0.00169	0.0020	0	84.4	53.2	145	06/07/2026		
Benzo(g,h,i)perylene		0.000200		0.00151	0.0020	0	75.4	48.5	137	06/07/2026		
Benzo(k)fluoranthene		0.000200		0.00148	0.0020	0	74.2	60	125	06/07/2026		
Bis(2-ethylhexyl)phthalate		0.00600	J	0.0020	0.0020	0	99.2	58.5	173	06/07/2026		
Chrysene		0.000200		0.00156	0.0020	0	77.8	59.6	117	06/07/2026		
Dibenzo(a,h)anthracene		0.000100		0.00170	0.0020	0	85.1	29.1	171	06/07/2026		
Di-n-butyl phthalate		0.0100	BJ	0.0018	0.0020	0	90.7	65.5	145	06/07/2026		
Fluoranthene		0.000300		0.00155	0.0020	0	77.3	58.6	120	06/07/2026		
Fluorene		0.000200		0.00130	0.0020	0	65.0	57	113	06/07/2026		
Indeno(1,2,3-cd)pyrene		0.000200		0.00174	0.0020	0	87.0	44.6	160	06/07/2026		
m,p-Cresol		0.0100		0.0154	0.0200	0	76.9	47.8	122	06/09/2026		
Naphthalene		0.000400	S	0.000919	0.0020	0	45.9	48.1	111	06/07/2026		
o-Cresol		0.0100		0.0115	0.0200	0	57.4	50.8	120	06/07/2026		
Phenanthrene		0.000600		0.00141	0.0020	0	70.6	61.5	116	06/07/2026		
Pyrene		0.000200		0.00157	0.0020	0	78.5	54.9	115	06/07/2026		
Surr: 2,4,6-Tribromophenol	*			0.00208	0.0020		104.1	40	156	06/07/2026		
Surr: 2-Fluorobiphenyl	*			0.000733	0.0010		73.3	39	117	06/07/2026		
Surr: 2-Fluorophenol	*			0.00175	0.0020		87.6	26.7	139	06/07/2026		
Surr: Nitrobenzene-d5	*			0.000774	0.0010		77.4	37.1	121	06/07/2026		
Surr: Phenol-d5	*			0.00145	0.0020		72.4	24.9	122	06/07/2026		
Surr: p-Terphenyl-d14	*			0.00100	0.0010		100.4	49.6	138	06/07/2026		

Client: ERM

Work Order: 26052589

Client Project: Ameren Taylorville 2nd Qtr 2026

Report Date: 09-Jun-26

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

Batch 257516	SampType: MSD	Units mg/L			RPD Limit 28.2					
SampID: 26052589-021AMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		0.00130	0.0020	0	65.1	0.001146	12.69	06/08/2026
Acenaphthylene		0.000100		0.00134	0.0020	0	67.0	0.001179	12.79	06/08/2026
Anthracene		0.000300		0.00139	0.0020	0	69.4	0.001371	1.25	06/08/2026
Benzo(a)anthracene		0.000100		0.00148	0.0020	0	74.1	0.001531	3.24	06/08/2026
Benzo(a)pyrene		0.000200		0.00156	0.0020	0	78.2	0.001599	2.18	06/08/2026
Benzo(b)fluoranthene		0.000200		0.00171	0.0020	0	85.7	0.001688	1.54	06/08/2026
Benzo(g,h,i)perylene		0.000200		0.00152	0.0020	0	76.2	0.001509	0.98	06/08/2026
Benzo(k)fluoranthene		0.000200		0.00147	0.0020	0	73.7	0.001485	0.77	06/08/2026
Bis(2-ethylhexyl)phthalate		0.00600	J	0.0020	0.0020	0	97.3	0.001985	0.00	06/08/2026
Chrysene		0.000200		0.00151	0.0020	0	75.7	0.001556	2.65	06/08/2026
Dibenzo(a,h)anthracene		0.000100		0.00173	0.0020	0	86.6	0.001702	1.74	06/08/2026
Di-n-butyl phthalate		0.0100	BJ	0.0019	0.0020	0	93.4	0.001814	0.00	06/08/2026
Fluoranthene		0.000300		0.00153	0.0020	0	76.3	0.001546	1.28	06/08/2026
Fluorene		0.000200		0.00143	0.0020	0	71.5	0.001301	9.53	06/08/2026
Indeno(1,2,3-cd)pyrene		0.000200		0.00173	0.0020	0	86.7	0.001739	0.29	06/08/2026
m,p-Cresol		0.0100		0.0161	0.0200	0	80.7	0.01537	4.85	06/09/2026
Naphthalene		0.000400		0.00108	0.0020	0	54.0	0.0009186	16.20	06/08/2026
o-Cresol		0.0100		0.0119	0.0200	0	59.4	0.01148	3.54	06/08/2026
Phenanthrene		0.000600		0.00147	0.0020	0	73.6	0.001412	4.19	06/08/2026
Pyrene		0.000200		0.00153	0.0020	0	76.4	0.001570	2.80	06/08/2026
Surr: 2,4,6-Tribromophenol	*			0.00210	0.0020		105.1			06/08/2026
Surr: 2-Fluorobiphenyl	*			0.000749	0.0010		74.9			06/08/2026
Surr: 2-Fluorophenol	*			0.00180	0.0020		90.2			06/08/2026
Surr: Nitrobenzene-d5	*			0.000790	0.0010		79.0			06/08/2026
Surr: Phenol-d5	*			0.00155	0.0020		77.6			06/08/2026
Surr: p-Terphenyl-d14	*			0.000971	0.0010		97.1			06/08/2026

Client: ERM

Work Order: 26052589

Client Project: Ameren Taylorville 2nd Qtr 2026

Report Date: 09-Jun-26

SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS
Batch 257601 **SampType:** MBLK **Units** mg/L

SampID: MBLK-257601

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		ND						06/05/2026
Acenaphthylene		0.000100		ND						06/05/2026
Anthracene		0.000300		ND						06/05/2026
Benzo(a)anthracene		0.000100		ND						06/05/2026
Benzo(a)pyrene		0.000200		ND						06/05/2026
Benzo(b)fluoranthene		0.000200		ND						06/05/2026
Benzo(g,h,i)perylene		0.000200		ND						06/05/2026
Benzo(k)fluoranthene		0.000200		ND						06/05/2026
Bis(2-ethylhexyl)phthalate		0.00600		ND						06/05/2026
Chrysene		0.000200		ND						06/05/2026
Dibenzo(a,h)anthracene		0.000100		ND						06/05/2026
Di-n-butyl phthalate		0.0100		ND						06/05/2026
Fluoranthene		0.000300		ND						06/05/2026
Fluorene		0.000200		ND						06/05/2026
Indeno(1,2,3-cd)pyrene		0.000200		ND						06/05/2026
m,p-Cresol		0.0100		ND						06/05/2026
Naphthalene		0.000400		ND						06/05/2026
o-Cresol		0.0100		ND						06/05/2026
Phenanthrene		0.000600		ND						06/05/2026
Pyrene		0.000200		ND						06/05/2026
Surr: 2,4,6-Tribromophenol	*			0.00216	0		0	0	0	06/05/2026
Surr: 2-Fluorobiphenyl	*			0.00106	0		0	0	0	06/05/2026
Surr: 2-Fluorophenol	*			0.00223	0		0	0	0	06/05/2026
Surr: Nitrobenzene-d5	*			0.00103	0		0	0	0	06/05/2026
Surr: Phenol-d5	*			0.00219	0		0	0	0	06/05/2026
Surr: p-Terphenyl-d14	*			0.00119	0		0	0	0	06/05/2026

Client: ERM

Work Order: 26052589

Client Project: Ameren Taylorville 2nd Qtr 2026

Report Date: 09-Jun-26

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

Batch 257601		SampType: LCS		Units mg/L							Date Analyzed	
SampID: LCS-257601												
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
Acenaphthene		0.000100		0.00165	0.0020	0	82.5	45.3	114	06/05/2026		
Acenaphthylene		0.000100		0.00170	0.0020	0	84.9	44.6	119	06/05/2026		
Anthracene		0.000300		0.00194	0.0020	0	97.0	53.5	119	06/05/2026		
Benzo(a)anthracene		0.000100		0.00192	0.0020	0	95.8	54.8	125	06/05/2026		
Benzo(a)pyrene		0.000200		0.00163	0.0020	0	81.3	62.8	135	06/05/2026		
Benzo(b)fluoranthene		0.000200		0.00168	0.0020	0	84.2	61.8	137	06/05/2026		
Benzo(g,h,i)perylene		0.000200		0.00173	0.0020	0	86.3	60.1	134	06/05/2026		
Benzo(k)fluoranthene		0.000200		0.00161	0.0020	0	80.3	56.4	127	06/05/2026		
Bis(2-ethylhexyl)phthalate		0.00600	J	0.0020	0.0020	0	101.6	43	198	06/05/2026		
Chrysene		0.000200		0.00182	0.0020	0	90.9	52.1	125	06/05/2026		
Dibenzo(a,h)anthracene		0.000100		0.00172	0.0020	0	86.2	51.8	155	06/05/2026		
Di-n-butyl phthalate		0.0100	J	0.0025	0.0020	0	126.7	55.8	150	06/05/2026		
Fluoranthene		0.000300		0.00200	0.0020	0	99.9	58	124	06/05/2026		
Fluorene		0.000200		0.00169	0.0020	0	84.3	50.9	117	06/05/2026		
Indeno(1,2,3-cd)pyrene		0.000200		0.00169	0.0020	0	84.4	61.4	146	06/05/2026		
m,p-Cresol		0.0100		0.0162	0.0200	0	80.8	44.9	110	06/05/2026		
Naphthalene		0.000400		0.00189	0.0020	0	94.5	37.1	112	06/05/2026		
o-Cresol		0.0100		0.0168	0.0200	0	84.0	49	110	06/05/2026		
Phenanthrene		0.000600		0.00212	0.0020	0	105.9	54.9	122	06/05/2026		
Pyrene		0.000200		0.00211	0.0020	0	105.7	51.7	122	06/05/2026		
Surr: 2,4,6-Tribromophenol	*			0.00233	0.0020		116.3	55.2	162	06/05/2026		
Surr: 2-Fluorobiphenyl	*			0.00116	0.0010		116.4	52.3	123	06/05/2026		
Surr: 2-Fluorophenol	*			0.00238	0.0020		119.2	46.2	140	06/05/2026		
Surr: Nitrobenzene-d5	*			0.00118	0.0010		118.0	50.6	123	06/05/2026		
Surr: Phenol-d5	*			0.00197	0.0020		98.5	43.4	127	06/05/2026		
Surr: p-Terphenyl-d14	*			0.00141	0.0010		141.0	58.9	149	06/05/2026		

Client: ERM

Work Order: 26052589

Client Project: Ameren Taylorville 2nd Qtr 2026

Report Date: 09-Jun-26

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

Batch 257601		SampType: LCSD		Units mg/L		RPD Limit 27.2				
SampleID: LCSD-257601										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		0.00183	0.0020	0	91.5	0.001651	10.27	06/07/2026
Acenaphthylene		0.000100		0.00191	0.0020	0	95.6	0.001698	11.85	06/07/2026
Anthracene		0.000300		0.00185	0.0020	0	92.3	0.001940	5.00	06/07/2026
Benzo(a)anthracene		0.000100		0.00212	0.0020	0	106.2	0.001915	10.37	06/07/2026
Benzo(a)pyrene		0.000200	R	0.00213	0.0020	0	106.7	0.001626	27.07	06/07/2026
Benzo(b)fluoranthene		0.000200	R	0.00221	0.0020	0	110.4	0.001684	26.97	06/07/2026
Benzo(g,h,i)perylene		0.000200		0.00204	0.0020	0	101.9	0.001726	16.60	06/07/2026
Benzo(k)fluoranthene		0.000200		0.00194	0.0020	0	96.9	0.001606	18.77	06/07/2026
Bis(2-ethylhexyl)phthalate		0.00600	J	0.0022	0.0020	0	108.2	0.002032	0.00	06/07/2026
Chrysene		0.000200		0.00179	0.0020	0	89.7	0.001817	1.28	06/07/2026
Dibenzo(a,h)anthracene		0.000100		0.00206	0.0020	0	102.9	0.001725	17.56	06/07/2026
Di-n-butyl phthalate		0.0100	J	0.0023	0.0020	0	115.0	0.002533	0.00	06/07/2026
Fluoranthene		0.000300		0.00194	0.0020	0	96.8	0.001997	3.12	06/07/2026
Fluorene		0.000200		0.00194	0.0020	0	96.9	0.001687	13.84	06/07/2026
Indeno(1,2,3-cd)pyrene		0.000200		0.00201	0.0020	0	100.7	0.001688	17.66	06/07/2026
m,p-Cresol		0.0100		0.0205	0.0200	0	102.7	0.01617	23.80	06/07/2026
Naphthalene		0.000400		0.00181	0.0020	0	90.6	0.001890	4.25	06/07/2026
o-Cresol		0.0100		0.0211	0.0200	0	105.5	0.01679	22.73	06/07/2026
Phenanthrene		0.000600		0.00196	0.0020	0	98.1	0.002118	7.59	06/07/2026
Pyrene		0.000200		0.00195	0.0020	0	97.3	0.002115	8.33	06/07/2026
Surr: 2,4,6-Tribromophenol	*			0.00274	0.0020		137.2			06/07/2026
Surr: 2-Fluorobiphenyl	*			0.00114	0.0010		114.4			06/07/2026
Surr: 2-Fluorophenol	*			0.00230	0.0020		115.0			06/07/2026
Surr: Nitrobenzene-d5	*			0.00113	0.0010		113.0			06/07/2026
Surr: Phenol-d5	*			0.00234	0.0020		116.8			06/07/2026
Surr: p-Terphenyl-d14	*			0.00122	0.0010		122.2			06/07/2026



Quality Control Results

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Client: ERM

Work Order: 26052589

Client Project: Ameren Taylorville 2nd Qtr 2026

Report Date: 09-Jun-26

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

Batch 257847		SampType: MBLK		Units µg/L							
SampID: MBLK-AE260605A-2											Date Analyzed
Analyses		Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Benzene			0.5		ND						06/06/2026
Bromoform			2.0		ND						06/06/2026
Ethylbenzene			2.0		ND						06/06/2026
m,p-Xylenes			2.0		ND						06/06/2026
Methylene chloride			2.0		ND						06/06/2026
Naphthalene			5.0		ND						06/06/2026
o-Xylene			2.0		ND						06/06/2026
Toluene			2.0		ND						06/06/2026
trans-1,2-Dichloroethene			2.0		ND						06/06/2026
Xylenes, Total			4.0		ND						06/06/2026
Surr: 1,2-Dichloroethane-d4		*			51.5	0		0	0	0	06/06/2026
Surr: 4-Bromofluorobenzene		*			50.5	0		0	0	0	06/06/2026
Surr: Dibromofluoromethane		*			49.6	0		0	0	0	06/06/2026
Surr: Toluene-d8		*			53.2	0		0	0	0	06/06/2026

Batch 257847		SampType: LCS		Units µg/L						
SampID: LCS-AE260605A-2										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene		0.5		52.9	50.00	0	105.9	80	120	06/05/2026
Bromoform		2.0		57.7	50.00	0	115.5	80	128	06/05/2026
Ethylbenzene		2.0		52.6	50.00	0	105.2	80	120	06/05/2026
m,p-Xylenes		2.0		103	100.0	0	102.6	80	122	06/05/2026
Methylene chloride		2.0		56.0	50.00	0	112.1	72.5	121	06/05/2026
Naphthalene		5.0		57.1	50.00	0	114.2	64.1	133	06/05/2026
o-Xylene		2.0		52.7	50.00	0	105.5	80	120	06/05/2026
Toluene		2.0		52.5	50.00	0	104.9	80	120	06/05/2026
trans-1,2-Dichloroethene		2.0		52.8	50.00	0	105.6	77.3	123	06/05/2026
Xylenes, Total		4.0		155	150.0	0	103.6	80	121	06/05/2026
Surr: 1,2-Dichloroethane-d4	*			48.8	50.00		97.5	80	120	06/05/2026
Surr: 4-Bromofluorobenzene	*			51.1	50.00		102.2	80	120	06/05/2026
Surr: Dibromofluoromethane	*			47.5	50.00		94.9	80	120	06/05/2026
Surr: Toluene-d8	*			52.0	50.00		103.9	80	120	06/05/2026

Client: ERM

Work Order: 26052589

Client Project: Ameren Taylorville 2nd Qtr 2026

Report Date: 09-Jun-26

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

Batch 257847		SampType: LCSD		Units µg/L				RPD Limit 20		
SampID: LCSD-AE260605A-2										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene		0.5		53.3	50.00	0	106.6	52.94	0.64	06/05/2026
Bromoform		2.0		57.7	50.00	0	115.4	57.74	0.10	06/05/2026
Ethylbenzene		2.0		53.6	50.00	0	107.1	52.60	1.79	06/05/2026
m,p-Xylenes		2.0		106	100.0	0	105.8	102.6	3.00	06/05/2026
Methylene chloride		2.0		55.8	50.00	0	111.6	56.03	0.43	06/05/2026
Naphthalene		5.0		55.6	50.00	0	111.3	57.08	2.54	06/05/2026
o-Xylene		2.0		54.2	50.00	0	108.5	52.73	2.84	06/05/2026
Toluene		2.0		53.6	50.00	0	107.1	52.46	2.06	06/05/2026
trans-1,2-Dichloroethene		2.0		52.4	50.00	0	104.8	52.82	0.84	06/05/2026
Xylenes, Total		4.0		160	150.0	0	106.7	155.4	2.95	06/05/2026
Surr: 1,2-Dichloroethane-d4	*			48.7	50.00		97.5			06/05/2026
Surr: 4-Bromofluorobenzene	*			51.0	50.00		102.0			06/05/2026
Surr: Dibromofluoromethane	*			47.3	50.00		94.6			06/05/2026
Surr: Toluene-d8	*			53.0	50.00		105.9			06/05/2026

Batch 257847		SampType: MS		Units µg/L						
SampID: 26052589-021BMS										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene		0.50		50.4	50.00	0	100.8	66.1	123	06/06/2026
Ethylbenzene		1.00		52.1	50.00	0	104.3	69.5	128	06/06/2026
m,p-Xylenes		1.00		55.1	50.00	0	110.2	70.1	142	06/06/2026
o-Xylene		1.00		53.1	50.00	0	106.2	70.7	131	06/06/2026
Toluene		2.00		52.9	50.00	0.4500	104.9	68.4	120	06/06/2026
Xylenes, Total		2.00		108	100.0	0	108.2	68.3	138	06/06/2026
Surr: 1,2-Dichloroethane-d4	*			50.2	50.00		100.4	80	120	06/06/2026
Surr: 4-Bromofluorobenzene	*			49.1	50.00		98.2	80	120	06/06/2026
Surr: Dibromofluoromethane	*			49.3	50.00		98.6	80	120	06/06/2026
Surr: Toluene-d8	*			53.6	50.00		107.3	80	120	06/06/2026

Client: ERM

Work Order: 26052589

Client Project: Ameren Taylorville 2nd Qtr 2026

Report Date: 09-Jun-26

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

Batch 257847		SampType: MSD		Units µg/L				RPD Limit 20		
SampID: 26052589-021BMSD										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene		0.50		49.4	50.00	0	98.8	50.41	2.00	06/06/2026
Ethylbenzene		1.00		50.9	50.00	0	101.8	52.13	2.41	06/06/2026
m,p-Xylenes		1.00		54.3	50.00	0	108.5	55.08	1.50	06/06/2026
o-Xylene		1.00		52.3	50.00	0	104.6	53.09	1.46	06/06/2026
Toluene		2.00		51.4	50.00	0.4500	101.9	52.92	2.95	06/06/2026
Xylenes, Total		2.00		107	100.0	0	106.6	108.2	1.48	06/06/2026
Surr: 1,2-Dichloroethane-d4	*			50.8	50.00		101.6			06/06/2026
Surr: 4-Bromofluorobenzene	*			49.4	50.00		98.7			06/06/2026
Surr: Dibromofluoromethane	*			49.2	50.00		98.4			06/06/2026
Surr: Toluene-d8	*			53.8	50.00		107.6			06/06/2026

Batch 257932	SampType: MBLK	Units µg/L									Date Analyzed
SampID: MBLK-AE260608A-1											
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene		0.5		ND						06/08/2026	
Bromoform		2.0		ND						06/08/2026	
Ethylbenzene		2.0		ND						06/08/2026	
m,p-Xylenes		2.0		ND						06/08/2026	
Methylene chloride		2.0		ND						06/08/2026	
Naphthalene		5.0		ND						06/08/2026	
o-Xylene		2.0		ND						06/08/2026	
Toluene		2.0		ND						06/08/2026	
trans-1,2-Dichloroethene		2.0		ND						06/08/2026	
Xylenes, Total		4.0		ND						06/08/2026	
Surr: 1,2-Dichloroethane-d4	*			54.6	0		0	0	0	06/08/2026	
Surr: 4-Bromofluorobenzene	*			48.6	0		0	0	0	06/08/2026	
Surr: Dibromofluoromethane	*			52.9	0		0	0	0	06/08/2026	
Surr: Toluene-d8	*			51.8	0		0	0	0	06/08/2026	

Client: ERM

Work Order: 26052589

Client Project: Ameren Taylorville 2nd Qtr 2026

Report Date: 09-Jun-26

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

Batch 257932		SampType: LCS		Units µg/L						
SampID: LCS-AE260608A-1										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene		0.5		50.8	50.00	0	101.6	80	120	06/08/2026
Bromoform		2.0		60.6	50.00	0	121.2	80	128	06/08/2026
Ethylbenzene		2.0		51.3	50.00	0	102.6	80	120	06/08/2026
m,p-Xylenes		2.0		106	100.0	0	105.5	80	122	06/08/2026
Methylene chloride		2.0		49.9	50.00	0	99.7	72.5	121	06/08/2026
Naphthalene		5.0		53.3	50.00	0	106.7	64.1	133	06/08/2026
o-Xylene		2.0		54.1	50.00	0	108.2	80	120	06/08/2026
Toluene		2.0		51.5	50.00	0	103.0	80	120	06/08/2026
trans-1,2-Dichloroethene		2.0		50.6	50.00	0	101.2	77.3	123	06/08/2026
Xylenes, Total		4.0		160	150.0	0	106.4	80	121	06/08/2026
Surr: 1,2-Dichloroethane-d4	*			50.5	50.00		101.0	80	120	06/08/2026
Surr: 4-Bromofluorobenzene	*			49.9	50.00		99.7	80	120	06/08/2026
Surr: Dibromofluoromethane	*			49.3	50.00		98.6	80	120	06/08/2026
Surr: Toluene-d8	*			52.3	50.00		104.5	80	120	06/08/2026

Batch 257932	SampType: LCSD	Units µg/L								RPD Limit 20
SampID: LCSD-AE260608A-1										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene		0.5		49.9	50.00	0	99.8	50.80	1.79	06/08/2026
Bromoform		2.0		59.4	50.00	0	118.8	60.61	2.00	06/08/2026
Ethylbenzene		2.0		50.9	50.00	0	101.8	51.29	0.78	06/08/2026
m,p-Xylenes		2.0		102	100.0	0	101.6	105.5	3.81	06/08/2026
Methylene chloride		2.0		49.4	50.00	0	98.7	49.87	1.01	06/08/2026
Naphthalene		5.0		53.6	50.00	0	107.3	53.34	0.58	06/08/2026
o-Xylene		2.0		51.8	50.00	0	103.7	54.11	4.27	06/08/2026
Toluene		2.0		50.5	50.00	0	100.9	51.51	2.04	06/08/2026
trans-1,2-Dichloroethene		2.0		49.5	50.00	0	99.1	50.59	2.12	06/08/2026
Xylenes, Total		4.0		153	150.0	0	102.3	159.6	3.96	06/08/2026
Surr: 1,2-Dichloroethane-d4	*			50.1	50.00		100.2			06/08/2026
Surr: 4-Bromofluorobenzene	*			51.2	50.00		102.5			06/08/2026
Surr: Dibromofluoromethane	*			49.4	50.00		98.9			06/08/2026
Surr: Toluene-d8	*			51.5	50.00		103.1			06/08/2026



Quality Control Results

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Client: ERM

Work Order: 26052589

Client Project: Ameren Taylorville 2nd Qtr 2026

Report Date: 09-Jun-26

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

Batch 257961		SampType: MBLK		Units µg/L							
SampID: MBLK-AE260608A-2											Date Analyzed
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene		0.5		ND						06/08/2026	
Bromoform		2.0		ND						06/08/2026	
Ethylbenzene		2.0		ND						06/08/2026	
m,p-Xylenes		2.0		ND						06/08/2026	
Methylene chloride		2.0	J	0.8						06/08/2026	
Naphthalene		5.0		ND						06/08/2026	
o-Xylene		2.0		ND						06/08/2026	
Toluene		2.0		ND						06/08/2026	
trans-1,2-Dichloroethene		2.0		ND						06/08/2026	
Xylenes, Total		4.0		ND						06/08/2026	
Surr: 1,2-Dichloroethane-d4	*			52.2	0		0	0	0	06/08/2026	
Surr: 4-Bromofluorobenzene	*			47.7	0		0	0	0	06/08/2026	
Surr: Dibromofluoromethane	*			51.0	0		0	0	0	06/08/2026	
Surr: Toluene-d8	*			51.6	0		0	0	0	06/08/2026	

Batch 257961		SampType: LCS		Units µg/L						
SampID: LCS-AE260608A-2										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene		0.5		49.4	50.00	0	98.8	80	120	06/08/2026
Bromoform		2.0		59.7	50.00	0	119.5	80	128	06/08/2026
Ethylbenzene		2.0		49.3	50.00	0	98.6	80	120	06/08/2026
m,p-Xylenes		2.0		99.0	100.0	0	99.0	80	122	06/08/2026
Methylene chloride		2.0	B	49.0	50.00	0	98.0	72.5	121	06/08/2026
Naphthalene		5.0		52.3	50.00	0	104.6	64.1	133	06/08/2026
o-Xylene		2.0		51.9	50.00	0	103.8	80	120	06/08/2026
Toluene		2.0		49.9	50.00	0	99.9	80	120	06/08/2026
trans-1,2-Dichloroethene		2.0		48.2	50.00	0	96.5	77.3	123	06/08/2026
Xylenes, Total		4.0		151	150.0	0	100.6	80	121	06/08/2026
Surr: 1,2-Dichloroethane-d4	*			49.4	50.00		98.7	80	120	06/08/2026
Surr: 4-Bromofluorobenzene	*			49.3	50.00		98.7	80	120	06/08/2026
Surr: Dibromofluoromethane	*			48.7	50.00		97.4	80	120	06/08/2026
Surr: Toluene-d8	*			51.0	50.00		102.0	80	120	06/08/2026

Client: ERM

Work Order: 26052589

Client Project: Ameren Taylorville 2nd Qtr 2026

Report Date: 09-Jun-26

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

Batch 257961		SampType: LCSD		Units µg/L				RPD Limit 20		
SampID: LCSD-AE260608A-2										
Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene		0.5		49.3	50.00	0	98.6	49.38	0.14	06/08/2026
Bromoform		2.0		60.1	50.00	0	120.2	59.74	0.60	06/08/2026
Ethylbenzene		2.0		48.9	50.00	0	97.8	49.28	0.75	06/08/2026
m,p-Xylenes		2.0		98.1	100.0	0	98.1	99.05	0.98	06/08/2026
Methylene chloride		2.0	B	48.6	50.00	0	97.3	48.98	0.68	06/08/2026
Naphthalene		5.0		53.6	50.00	0	107.2	52.28	2.49	06/08/2026
o-Xylene		2.0		50.7	50.00	0	101.4	51.89	2.36	06/08/2026
Toluene		2.0		49.7	50.00	0	99.4	49.94	0.52	06/08/2026
trans-1,2-Dichloroethene		2.0		47.6	50.00	0	95.2	48.24	1.31	06/08/2026
Xylenes, Total		4.0		149	150.0	0	99.2	150.9	1.45	06/08/2026
Surr: 1,2-Dichloroethane-d4	*			49.6	50.00		99.2			06/08/2026
Surr: 4-Bromofluorobenzene	*			49.6	50.00		99.3			06/08/2026
Surr: Dibromofluoromethane	*			49.0	50.00		98.1			06/08/2026
Surr: Toluene-d8	*			51.3	50.00		102.6			06/08/2026



Receiving Check List

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

Client: ERM

Work Order: 26052589

Client Project: Ameren Taylorville 2nd Qtr 2026

Report Date: 09-Jun-26

Carrier: Employee

Received By: LMM

Completed by:

On:

29-May-26

Kylie Moore

Reviewed by:

On:

29-May-26

Amber Dilallo

Pages to follow:

Chain of custody

3

Extra pages included

0

Shipping container/cooler in good condition?

Yes ☒

No ☐

Not Present ☐

Temp °C 1.5

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 1/2 Hydrochloric Acid preserved volatile vials for GW-18D-WG-20260528 and TB-001-WQ-20260527. Client was notified via work order summary. - kmoore - 5/29/2026 4:17:58 PM

Trip Blank collection date and time will be reported as the received date and time (end of trip). - amberdilallo - 5/29/2026 4:49:13 PM

Drop off Location

☐ Downers Grove, IL ☐ Lenexa, KS
☐ Springfield, IL ☒ Collinsville, IL

CHAIN OF CUSTODY

pg. 1 of 3

Work order # 26052589

TEKLAB, INC. 120 United Drive - Collinsville, IL 62234 - Phone: (618) 344-1004

Client	ERM	779
Address	1968 Craig Road St. Louis, MO 63146	
Contact	Michael Abegg	Phone 314-341-7699
E-Mail	michael.abegg@erm.com ; EDD@erm.com Fax	

Samples on: ☒ ICE ☐ BLUE ICE ☐ NO ICE 1.5 °C LTG# 10

Preserved in: ☐ LAB ☐ FIELD

FOR LAB USE ONLY

Lab Notes:

HS Present: 1/2 BD, 1/2 TB.

Am: 5-29-26

Client Comments

Report QC LVL: 4

GW-04R & DUP-002 to be extracted & analyzed last.
 MS/MSD on GW-25-WG-20260526.
 No headspace noted in vials.

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 Ameren Taylorville 2nd Qtr 2026		Sample Collector's Name Emma Portell	
Results Requested (call for PFAS TAT and surcharges) ☒ Standard ☐ 1-2 Day (100% Surcharge) ☐ Date ☐ 3 Day (50% Surcharge)		Billing/PO#	# and Type of Containers
Lab Use Only	Sample Identification	Date/Time Sampled	UNP HCL 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2
26052589-001	GW-04R-WG-20260529	5/29/26; 1315	
-002	GW-05-WG-20260521	5/27/26; 1735	
-003	GW-07-WG-20260529	5/29/26; 1245	
-004	GW-14-WG-20260526	5/28/26; 1800	
-005	GW-15-WG-20260529	5/29/26; 1120	
-006	GW-16S-WG-20260526	5/28/26; 1045	
-007	GW-16D-WG-20260526	5/28/26; 1225	
-008	GW-17-WG-20260526	5/28/26; 1315	
-009	GW-18S-WG-20260526	5/28/26; 1520	
-010	GW-18D-WG-20260526	5/28/26; 1450	

MATRIX		INDICATE ANALYSIS REQUESTED											
Aqueous	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										
X		X	X										

Relinquished By	Date/Time	Received By	Date/Time
Emma Portell	5/29/26; 1500	Lyn McKinn	5/29/26 1500

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 110751



Drop off Location

☐ Downers Grove, IL ☐ Lenexa, KS
☐ Springfield, IL ☒ Collinsville, IL

CHAIN OF CUSTODY

pg. 2 of 3

Work order #

26052589

TEKLAB, INC. 120 United Drive - Collinsville, IL 62234 - Phone: (618) 344-1004

Client	ERM	779
Address	1968 Craig Road St. Louis, MO 63146	
Contact	Michael Abegg	Phone 314-341-7699
E-Mail	michael.abegg@erm.com, EDD@erm.com Fax	

Samples on: ☒ ICE ☐ BLUE ICE ☐ NO ICE	1.5 °C	LTG# 10
Preserved in: ☐ LAB ☐ FIELD	FOR LAB USE ONLY	
Lab Notes:		

Are these samples known to be involved in litigation? If yes, a surcharge will apply ☐ Yes ☒ No
 Are these samples known to be hazardous? 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 Report QC LVL: 4
 GW-04R & DUP-002 to be extracted & analyzed last.
 MS/MSD on GW-25-W6-20260528.
 No headspace noted in vials.

Project Name/Number Ameren Taylorville 2nd Qtr 2026		Sample Collector's Name Emma Portell																					
Results Requested (call for PFAS TAT and surcharges) ☒ Standard ☐ 1-2 Day (100% Surcharge) ☐ Date ☐ 3 Day (50% Surcharge)		Billing/PO#	# and Type of Containers																				
Lab Use Only	Sample Identification	Date/Time Sampled	<table border="1"> <tr> <th>UNP</th> <th>HCI</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> </tr> <tr> <td>1</td> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	UNP	HCI									1	2								
UNP	HCI																						
1	2																						
-011	GW-19S-WG-20260528	5/28/26; 0940	1 2																				
-012	GW-19D-WG-20260528	5/28/26; 0915	1 2																				
-013	GW-22S-WG-20260529	5/29/26; 0915	1 2																				
-014	GW-22D-WG-20260529	5/29/26; 0955	1 2																				
-015	DUP-001-WG-20260527	5/27/26; 0001	1 2																				
-016	TB-001-WQ-20260527	5/27/26; 0800	2																				
	TB-002-WQ-202605		2																				
-017	DUP-002-WG-20260529	5/29/26; 0002	1 2																				
-018	GW-101S-WG-20260527	5/27/26; 1200	1 2																				
-019	GW-102S-WG-20260527	5/27/26; 1510	1 2																				

MATRIX		INDICATE ANALYSIS REQUESTED																	
Aqueous	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																

Relinquished By	Date/Time	Received By	Date/Time
Emma Portell	5/29/26; 1500	Sydney King	5/29/26 1500

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 110751



Drop off Location

☐ Downers Grove, IL ☐ Lenexa, KS
☐ Springfield, IL ☒ Collinsville, IL

CHAIN OF CUSTODY

pg. 3 of 3

Work order #

2605289

TEKLAB, INC. 120 United Drive - Collinsville, IL 62234 - Phone: (618) 344-1004

Client	ERM	779
Address	1968 Craig Road St. Louis, MO 63146	
Contact	Michael Abegg	Phone 314-341-7699
E-Mail	michael.abegg@erm.com, EDD@erm.com Fax	

Samples on: ☒ ICE ☐ BLUE ICE ☐ NO ICE 15 °C LTG# 10
 Preserved in: ☐ LAB ☐ FIELD **FOR LAB USE ONLY**
 Lab Notes:

Are these samples known to be involved in litigation? If yes, a surcharge will apply ☐ Yes ☒ No
 Are these samples known to be hazardous? 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 Report QC LVL: 4
 GW-04R & DUP-002 to be extracted & analyzed last
 MS/MSD on GW-25-WG-20260528.
 No headspace noted in vials.

Project Name/Number Ameren Taylorville 2nd Qtr 2026		Sample Collector's Name Emma Portell																																																			
Results Requested (call for PFAS TAT and surcharges) ☒ Standard ☐ 1-2 Day (100% Surcharge) ☐ Date ☐ 3 Day (50% Surcharge)		Billing/PO#	# and Type of Containers																																																		
Lab Use Only	Sample Identification	Date/Time Sampled	<table border="1"> <tr> <th>UNP</th> <th>HCI</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> </tr> <tr> <td>1</td> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1</td> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1</td> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1</td> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	UNP	HCI									1	2									1	2									1	2									1	2								
UNP	HCI																																																				
1	2																																																				
1	2																																																				
1	2																																																				
1	2																																																				
-020	GW-102D-WG-20260527	5/27/26; 1550																																																			
-021	GW-25-WG-20260528	5/28/26; 1605																																																			
-022	GW-26-WG-20260527	5/27/26; 1410																																																			
-023	EQB-001-WQ-20260527	5/27/26; 1145																																																			
	EQB-002-WQ-202605																																																				

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

Relinquished By	Date/Time	Received By	Date/Time
Emma Portell	5/29/26; 1500	Liz McKinney	5/29/26 1500

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 110751





ATTACHMENT B GROUNDWATER ELEVATION SUMMARY

Attachment B
Groundwater Elevation Summary
Quarter 2 2026
Ameren Taylorville
Taylorville, Illinois

Monitoring Well Number	Total Depth (feet)	Screened Interval (feet)	TOC Elevation (NAVD88)	5/27/2026	
				WL Below TOC (feet)	Elevation (feet NAVD88)
GW-4R	26.00	16.00-26.00	619.22	19.39	599.83
GW-5	61.00	50.75-61.00	620.97	18.36	602.61
GW-7	90.00	80.00-90.00	618.59	19.62	598.97
GW-14	94.00	84.00-94.00	619.07	19.80	599.27
GW-15	90.00	80.00-90.00	618.88	19.59	599.29
GW-16D	91.00	81.00-91.00	616.38	17.32	599.06
GW-16S	35.00	25.00-35.00	616.50	17.42	599.08
GW-17	35.00	25.00-35.00	614.60	15.60	599.00
GW-18D	84.00	74.00-84.00	604.32	4.02	600.30
GW-18S	25.00	15.00-25.00	602.05	3.96	598.09
GW-19D	82.50	72.50-82.50	606.90	8.21	598.69
GW-19S	22.00	12.00-22.00	606.70	8.19	598.51
GW-22D	89.00	79.00-89.00	617.05	17.93	599.12
GW-22S	35.00	25.00-35.00	617.16	17.83	599.33
GW-25	28.00	18.00-28.00	611.01	11.71	599.30
GW-26	36.00	24.82-34.82	615.79	16.67	599.12
GW-101S	27.81	22.68-27.68	617.56	20.07	597.49
GW-102D	58.46	53.00-58.00	622.96	23.97	598.99
GW-102S	28.13	23.00-28.00	623.50	24.70	598.80
West Extraction Well	90.00	15.00-90.00	619.00	39	580

Notes:

TOC Top of Casing
NAVD88 North American Vertical Datum of 1988



ATTACHMENT C SUMMARY OF SECOND QUARTER 2026
ANALYTICAL RESULTS

Attachment C
Analytical Data Summary - 2026Q2
Ameren Taylorville
Taylorville, Illinois

Location			GW-4R	GW-4R	GW-5	GW-7	GW-14	GW-15	GW-16D	GW-16S
Sample Date			05/29/2026	05/29/2026	05/27/2026	05/29/2026	05/28/2026	05/29/2026	05/28/2026	05/28/2026
Sample Type			N	FD	N	N	N	N	N	N
Depth			16 - 26 ft	16 - 26 ft	50.75 - 61 ft	80 - 90 ft	84 - 94 ft	80 - 90 ft	81 - 91 ft	25 - 35 ft
Analyte		Unit	1992 ROD CUOs							
SVOCs										
Acenaphthene	mg/L	0.42	0.0201	0.0212	< 0.000100	0.000166	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Acenaphthylene	mg/L	0.21	0.0082 j	0.0115	< 0.000100	0.000167	< 0.000100	0.000057 j	< 0.000100	< 0.000100
Anthracene	mg/L	2.1	0.00264	< 0.0300	< 0.000300	0.00110	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Benzo(a)anthracene	mg/L	0.00013	0.00440	0.0096 j	< 0.000100	0.000227	< 0.000100	0.000080 j	< 0.000100	< 0.000100
Benzo(a)pyrene	mg/L	0.0002	0.000617	< 0.0200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0200	< 0.0200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(g,h,i)perylene	mg/L	0.21	0.00130	< 0.0200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(k)fluoranthene	mg/L	0.00017	0.00138	< 0.0200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	< 0.00200	< 0.200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200
Chrysene	mg/L	0.0015	< 0.0200	0.014 j	< 0.000200	0.00019 j	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Dibenzo(a,h)anthracene	mg/L	0.0003	0.000625	< 0.0100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Dibutyl phthalate	mg/L	0.7	< 0.0100	< 1.00	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Fluoranthene	mg/L	0.28	< 0.0300	0.0305	< 0.000300	0.000578	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Fluorene	mg/L	0.28	0.0775	0.0882	< 0.000200	0.000358	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	0.00141	< 0.0200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
m,p-cresol	mg/L	0.35	0.0018 j	< 1.00	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
o-Cresol	mg/L	0.35	< 0.0100	< 1.00	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Naphthalene	mg/L	0.025	0.396	0.396	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400
Phenanthrene	mg/L	0.21	0.112	0.135	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600
Pyrene	mg/L	0.21	< 0.0200	0.0222	< 0.000200	0.00252	< 0.000200	0.00018 j	< 0.000200	< 0.000200
VOCs										
Benzene	ug/L	5	511	504	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bromoform	ug/L	0.2	< 20.0	< 20.0	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Ethylbenzene	ug/L	700	206	204	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
m,p-Xylenes	ug/L	NS	41.3	40.6	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Methylene chloride	ug/L	0.2	< 20.0	< 20.0	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Naphthalene	ug/L	25	704	668	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
o-Xylene	ug/L	NS	130	130	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	ug/L	1000	80.9	79.3	< 2.00	< 2.00	< 2.0	< 2.0	< 2.0	< 2.0
trans-1,2-Dichloroethene	ug/L	100	< 20.0	< 20.0	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Xylene, Total	ug/L	10000	172	171	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00

Attachment C
Analytical Data Summary - 2026Q2
Ameren Taylorville
Taylorville, Illinois

Location			GW-17	GW-18D	GW-18S	GW-19D	GW-19S	GW-22D	GW-22S	GW-25
Sample Date			05/28/2026	05/28/2026	05/28/2026	05/28/2026	05/28/2026	05/29/2026	05/29/2026	05/28/2026
Sample Type			N	N	N	N	N	N	N	N
Depth			25 - 35 ft	74 - 84 ft	15 - 25 ft	72.5 - 82.5 ft	12 - 22 ft	79 - 89 ft	25 - 35 ft	18 - 28 ft
Analyte	Unit	1992 ROD CUOs								
SVOCs										
Acenaphthene	mg/L	0.42	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Acenaphthylene	mg/L	0.21	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Anthracene	mg/L	2.1	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Benzo(a)anthracene	mg/L	0.00013	0.000084 j	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Benzo(a)pyrene	mg/L	0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(g,h,i)perylene	mg/L	0.21	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	0.00204	< 0.00200
Chrysene	mg/L	0.0015	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000100	< 0.000100 J	< 0.000100 J	< 0.000100 J	< 0.000100 J	< 0.000100 J	< 0.000100 J	< 0.000100 J
Dibutyl phthalate	mg/L	0.7	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Fluoranthene	mg/L	0.28	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Fluorene	mg/L	0.28	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
m,p-cresol	mg/L	0.35	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
o-Cresol	mg/L	0.35	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Naphthalene	mg/L	0.025	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400
Phenanthrene	mg/L	0.21	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600
Pyrene	mg/L	0.21	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
VOCs										
Benzene	ug/L	5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bromoform	ug/L	0.2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Ethylbenzene	ug/L	700	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
m,p-Xylenes	ug/L	NS	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Methylene chloride	ug/L	0.2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Naphthalene	ug/L	25	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
o-Xylene	ug/L	NS	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	ug/L	1000	< 2.0	< 2.0	2.40 J+	< 2.0	2.49 J+	< 2.0	< 2.0	< 2.0
trans-1,2-Dichloroethene	ug/L	100	< 2.00	0.38 j	< 2.00	< 2.00	0.22 j	< 2.00	< 2.00	< 2.00
Xylene, Total	ug/L	10000	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00

Attachment C
Analytical Data Summary - 2026Q2
Ameren Taylorville
Taylorville, Illinois

Location			GW-26	GW-26	GW-101S	GW-102D	GW-102S	EQUIPMENT BLANK	TRIP BLANK
Sample Date			05/27/2026	05/27/2026	05/27/2026	05/27/2026	05/27/2026	05/27/2026	05/29/2026
Sample Type			N	FD	N	N	N	EB	TB
Depth			26 - 36 ft	26 - 36 ft	19.38 - 24.37 ft	53 - 58 ft	22.99 - 28 ft	-	-
Analyte	Unit	1992 ROD CUOs							
SVOCs									
Acenaphthene	mg/L	0.42	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	NA
Acenaphthylene	mg/L	0.21	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	NA
Anthracene	mg/L	2.1	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	NA
Benzo(a)anthracene	mg/L	0.00013	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	NA
Benzo(a)pyrene	mg/L	0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	NA
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	NA
Benzo(g,h,i)perylene	mg/L	0.21	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	NA
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	NA
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	NA
Chrysene	mg/L	0.0015	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	NA
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000100 J	< 0.000100 J	< 0.000100 J	< 0.000100 J	< 0.000100 J	< 0.000100	NA
Dibutyl phthalate	mg/L	0.7	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.010	< 0.0100	NA
Fluoranthene	mg/L	0.28	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	NA
Fluorene	mg/L	0.28	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	NA
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	NA
m,p-cresol	mg/L	0.35	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	NA
o-Cresol	mg/L	0.35	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	NA
Naphthalene	mg/L	0.025	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	NA
Phenanthrene	mg/L	0.21	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	NA
Pyrene	mg/L	0.21	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	NA
VOCs									
Benzene	ug/L	5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bromoform	ug/L	0.2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Ethylbenzene	ug/L	700	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
m,p-Xylenes	ug/L	NS	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Methylene chloride	ug/L	0.2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Naphthalene	ug/L	25	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
o-Xylene	ug/L	NS	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	ug/L	1000	< 2.0	< 2.0	< 2.00	< 2.00	< 2.00	< 2.00	0.55 j
trans-1,2-Dichloroethene	ug/L	100	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Xylene, Total	ug/L	10000	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00

Notes:

FD = Field Duplicate Sample

N = Normal Environmental Sample

TB = Trip Blank

EB= Equipment Blank

FF = Field Filtered Sample

mg/L = milligrams per liter

ug/L = micrograms per liter

1992 ROD CUOs = 1992 United States Environmental Protection Agency Record of Decision Clean Up Objectives

NS = no standard

NA = not analyzed

Analysis performed by TEKLAB

Qualifier Definition(s)

J/j = The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.

UJ = The analyte was analyzed for, but was not detected. The reported limit is approximate and may be inaccurate or imprecise.

J+ = The result is an estimated quantity, but the result may be biased high.

J- = The result is an estimated quantity, but the result may be biased low.

U = The analyte was analyzed for, but was not detected above the limit displayed.

B = Analyte detected in associated method blank.

E = Value above quantitation range.

H = Analysis outside of hold time.

R= RPD outside accepted recovery limits.

S = Spike Recovery outside recovery limits.

RJ= Sample results rejected from data set. Refer to Data Validation memo.



ATTACHMENT D SUMMARY OF HISTORICAL ANALYTICAL RESULTS

Attachment D
Analytical Data Summary 2021 - Q2 2026
Ameren Taylorville
Taylorville, Illinois

Location			GW-4R	GW-4R	GW-4R	GW-4R	GW-4R	GW-4R	GW-4R	GW-4R	GW-4R	GW-4R	GW-4R	GW-4R	GW-4R	
Sample Date			02/24/2021	05/13/2021	05/13/2021	08/12/2021	08/12/2021	11/09/2021	02/17/2022	02/17/2022	05/12/2022	05/12/2022	09/08/2022	11/30/2022	02/15/2023	02/15/2023
Sample Type			N	N	FD	N	FD	N	N	FD	N	FD	N	N	N	FD
Depth			16 - 26 ft	16 - 26 ft	16 - 26 ft	16 - 26 ft	16 - 26 ft	16 - 26 ft	16 - 26 ft	16 - 26 ft	16 - 26 ft	16 - 26 ft	16 - 26 ft	16 - 26 ft	16 - 26 ft	16 - 26 ft
Analyte	Unit	1992 ROD CUOs	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
VOCs																
Benzene	ug/L	5	632	341	775	652	658	798	1150	1180	1100	1070	670	895	609	612
Bromoform	ug/L	0.2	< 2	< 100	< 20	< 100	< 2	< 200	< 2	< 2	< 100	< 100	< 20.0	< 2.00	< 10.0	< 0.20
Ethylbenzene	ug/L	700	155	104	216	235	243	331	476	500	312	330	249	304	250	250
m,p-Xylenes	ug/L	NS	165	80.5	158	135	146	166	108	104	225	229	112	56.6	63.5	64.5
Methylene chloride	ug/L	0.2	< 2	< 100	< 20	< 100	< 2	< 200	< 2	< 2	< 100	< 100	< 20.0	< 20.0	< 100	< 2.00
Naphthalene	ug/L	25	2790	1510	3150	3020	3020	3520	2530	2620	3550	3350	3540	2340	2380	2490
o-Xylene	ug/L	NS	140	67	137	108	118	178	241	244	176	184	157	187	136	148
Toluene	ug/L	1000	208	184	409	256	255	216	90.5	94.6	338	357	104	100	72 j	70.8
trans-1,2-Dichloroethene	ug/L	100	< 2	< 100	< 20	< 100	< 2	< 200	< 2	< 2	< 100	< 100	< 20.0	< 20.0	< 100	< 2.00
Xylene, Total	ug/L	10000	304	148	295	243	265	344	350	347	400	412	269	243	199	213
SVOCs																
Acenaphthene	mg/L	0.42	0.0175	0.026	0.026	0.022	0.0239	0.0274	0.0316	0.0348	0.0339	0.0437	0.0404	0.00135	0.0348	0.0334
Acenaphthylene	mg/L	0.21	0.00147	0.00229	0.00303	0.00618	0.00584	0.00531	0.00244	0.0029	0.00893	0.0101	0.00446	0.00447	0.00218	0.00195
Anthracene	mg/L	2.1	0.000792	0.000654	0.00109	0.000745	0.000691	0.00093	0.0012	0.000864	< 0.0003	< 0.0003	0.000749	0.00241	0.000925	0.000616
Benzo(a)anthracene	mg/L	0.00013	0.000133	0.000186	0.000261	0.000158	0.000173	0.000214	0.000104	0.000085 j	< 0.0001	0.000115	0.000090 j	0.00194	0.000150	0.000109
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	0.00012 j	< 0.000200	0.00017 j	< 0.000200	< 0.000200
Benzo(b)fluoranthene	mg/L	0.00018	0.00012	0.000229	0.000376	0.000125	0.000192	0.000226	< 0.0001	0.000084 j	< 0.0001	0.000128	< 0.000100	0.00252	0.000101	0.000070 j
Benzo(g,h,i)perylene	mg/L	0.21	< 0.0002	< 0.0002	0.00019 j	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	0.000544	< 0.000200	< 0.000200
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	0.000077 j	0.000124	< 0.0001	< 0.0001	0.00007 j	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	0.000697	< 0.000100	< 0.000100
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002 BU	< 0.002	< 0.002	< 0.002	< 0.002	< 0.00200	0.0020 j	< 0.00200	< 0.00200
Chrysene	mg/L	0.0015	0.000334	0.000493	0.000747	0.000491	0.000501	0.000754	0.0002	0.000196	0.00013	0.00022	0.000241	0.00674	0.000513	0.000385
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	< 0.000200	0.000256	< 0.000200	< 0.000200
Dibutyl 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	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Fluoranthene	mg/L	0.28	0.0029	0.00334	0.0045	0.00379	0.00404	0.00397	0.00375	0.00357	0.00289	0.00383	0.00414	0.0210	0.00489	0.00457
Fluorene	mg/L	0.28	0.0607	0.0733	0.0735	0.0689	0.0776	0.07	0.0906	0.0765	0.0847	0.104	0.0853	0.0841	0.0800	0.0801
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	0.00018 j	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	0.000588	< 0.000200	< 0.000200
m,p-cresol	mg/L	0.35	0.0086 j	0.0164	0.022	0.007 j	0.0083 j	< 0.01	0.0023 j	0.0018 j	0.0046 j	0.0068 j	< 0.0100	< 0.0100	< 0.0100	< 0.0100
o-Cresol	mg/L	0.35	0.0123	0.0209	0.0244	0.0095 j	0.0074 j	< 0.01	0.0059 j	0.0035 j	0.0058 j	0.008 j	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Naphthalene	mg/L	0.025	1.53	1.82	1.86	1.62	1.75	2.43	1.82	1.82	2.77	3.54	2.80	1.50	1.83	1.86
Phenanthrene	mg/L	0.21	0.0576	0.0674	0.0647	0.0562	0.0609	0.0542	0.0801	0.075	0.0715	0.0888	0.0799	0.142	0.0722	0.0735
Pyrene	mg/L	0.21	0.00149	0.00143	0.00219	0.00184	0.00184	0.0019	0.00177	0.00174	0.00131	0.00184	0.00176	0.0124	0.00208	0.00203

Attachment D
Analytical Data Summary 2021 - Q2 2026
Ameren Taylorville
Taylorville, Illinois

Location			GW-4R	GW-4R	GW-4R	GW-4R	GW-4R	GW-4R	GW-4R	GW-4R	GW-4R	GW-4R	GW-4R	GW-4R	GW-4R	GW-4R
Sample Date			05/18/2023	05/18/2023	09/13/2023	09/13/2023	10/27/2023	10/27/2023	02/15/2024	02/15/2024	05/10/2024	05/10/2024	08/30/2024	08/30/2024	11/22/2024	11/22/2024
Sample Type			N	FD	N	FD	N	FD	N	FD	N	FD	N	FD	N	FD
Depth			16 - 26 ft	16 - 26 ft	16 - 26 ft	16 - 26 ft	16 - 26 ft	16 - 26 ft	16 - 26 ft	16 - 26 ft	16 - 26 ft	16 - 26 ft	16 - 26 ft	16 - 26 ft	16 - 26 ft	16 - 26 ft
Analyte	Unit	1992 ROD CUOs	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
VOCs																
Benzene	ug/L	5	341	364	235	241	346	392	1380	1500	1130	999	1150	1180	1030	1090
Bromoform	ug/L	0.2	< 2.00	< 10.0	< 2.00	< 2.00	< 2.00	< 0.20	< 5.00	< 2.00	< 0.20	< 0.20	< 4.00	< 4.00	< 2.00	< 2.00
Ethylbenzene	ug/L	700	186	184	144	144	117	159	322	369	295	261	261	261	306	319
m,p-Xylenes	ug/L	NS	39.3	48 j	19.1	20.8	14.7	19.7	124 J	145 J	226	216	119	110	79.3	80.5
Methylene chloride	ug/L	0.2	38.3	< 100	< 20.0	10 j	< 20.0	< 2.00	< 50.0	< 20.0	< 2.00	< 2.00	< 40.0	< 40.0	< 20.0	< 20.0
Naphthalene	ug/L	25	1580	1480	814	740	510	531	1700	1940	2300 J	2220 J	1790	1730	1120	1160
o-Xylene	ug/L	NS	93.4	100	80.3	82.1	62.0	80.8	182	203	196	188	185	181	188	200
Toluene	ug/L	1000	30.5	42 j	14 j	15 j	24.8	34.8	320	378	132	125	159	153	171	185
trans-1,2-Dichloroethene	ug/L	100	< 20.0	< 100	< 20.0	< 20.0	< 20.0	< 2.00	< 50.0	< 20.0	< 2.00	< 2.00	< 40.0	< 40.0	< 20.0	< 20.0
Xylene, Total	ug/L	10000	133	148	99.4	103	76.7	101	306	348	422	403	304	291	267	281
SVOCs																
Acenaphthene	mg/L	0.42	0.0190 H	0.0241 H	0.0290	0.0299	0.0330	0.0373	0.0308	0.0293	0.0171 J	0.0203 J	0.0203	0.0217	0.0341	0.0323
Acenaphthylene	mg/L	0.21	0.000868 H	0.00117 H	0.00144	0.00154	0.00163	0.00183	0.00242	0.00226	0.0062 j	0.0056 j	0.0034 j	0.0037 j	0.0133	0.0172
Anthracene	mg/L	2.1	0.000346 H	0.000476 H	0.000854	0.000802	0.000920	0.00135	0.000936	0.000831	0.00122 J+	0.00153	0.00180	0.00201	0.0135	0.0158
Benzo(a)anthracene	mg/L	0.00013	< 0.000100 HU	0.000072 jH	0.000096 j	0.000078 j	0.000570	0.000620	0.000113	0.000109	0.000205 J+	0.000204	0.000267	0.000251	0.0122	0.0157
Benzo(a)pyrene	mg/L	0.0002	< 0.000200 HU	< 0.000200 HU	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	0.00177	0.00230
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000100 HU	< 0.000100 HU	< 0.000100	< 0.000100	0.000557	0.000591	< 0.000100	0.000092 j	< 0.000200	< 0.000200	< 0.000200	< 0.000200	0.0172	0.0211
Benzo(g,h,i)perylene	mg/L	0.21	< 0.000200 HU	< 0.000200 HU	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	0.00406 J	0.00584 J
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000100 HU	< 0.000100 HU	< 0.000100	< 0.000100	0.000116	0.000139	< 0.000100	< 0.000100	< 0.000200	< 0.000200	< 0.000200 UJ	< 0.000200 UJ	0.00464 J	0.00720 J
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	< 0.00200 HU	< 0.00200 HU	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	0.00470 J+	< 0.00200	< 0.00200
Chrysene	mg/L	0.0015	0.000210 H	0.000170 H	0.000209	0.000187	0.00217	0.00233	0.000279	0.000276	0.000455 J+	0.000436	0.000541	0.000585	0.0232	0.0281
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000200 HU	< 0.000200 HU	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	0.00222	0.00289
Dibutyl phthalate	mg/L	0.7	< 0.0100 HU	< 0.0100 HU	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Fluoranthene	mg/L	0.28	0.00257 H	0.00276 H	0.00460	0.00444	0.00893	< 0.0150	0.00472	0.00417	< 0.0300	< 0.0300	< 0.0150	< 0.0150	0.0430	0.0628
Fluorene	mg/L	0.28	0.0397 H	0.0537 H	0.0616	0.0538	0.0573	0.0802	0.0719	0.0706	0.0672	0.0691	0.0888	0.0955	0.0927	0.0992
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000200 HU	< 0.000200 HU	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	0.00449	0.00598
m,p-cresol	mg/L	0.35	< 0.0100 HU	< 0.0100 HU	< 0.0100	< 0.0100	0.00079 j	0.0010 j	< 0.0100	< 0.0100	< 0.0100	< 0.0100	0.0037 j	< 0.0100	0.0029 j	0.0022 j
o-Cresol	mg/L	0.35	0.00090 jH	0.00098 jH	< 0.0100	< 0.0100	< 0.0100	0.0010 j	< 0.0100	< 0.0100	< 0.0100	< 0.0100	0.0043 j	0.0046 j	0.0026 j	0.0020 j
Naphthalene	mg/L	0.025	< 0.000400 HU	0.398 H	0.410	0.446	0.343	0.414	0.839	0.634	1.02	1.38	1.22	1.04 J+	0.809	0.876
Phenanthrene	mg/L	0.21	0.0148 H	0.0461 H	0.0694	< 0.150	0.0669	0.0915	0.0716	0.0726	0.0679	0.0648	0.0810	0.0868	0.145	0.214
Pyrene	mg/L	0.21	0.000948 H	0.00102 H	0.00225	0.00227	0.00411	0.00465	0.00225 J	0.00159 J	0.00362 J+	0.00374	0.00453	0.00444	0.0366	0.0441

Attachment D
Analytical Data Summary 2021 - Q2 2026
Ameren Taylorville
Taylorville, Illinois

Location			GW-4R	GW-4R	GW-4R	GW-4R	GW-4R	GW-4R	GW-4R	GW-4R	GW-4R	GW-4R	GW-4R	
Sample Date			02/26/2025	02/26/2025	05/08/2025	05/08/2025	08/07/2025	08/07/2025	11/13/2025	11/13/2025	02/19/2026	02/19/2026	05/29/2026	05/29/2026
Sample Type			N	FD	N	FD	N	FD	N	FD	N	FD	N	FD
Depth			16 - 26 ft	16 - 26 ft	16 - 26 ft	16 - 26 ft	16 - 26 ft	16 - 26 ft	16 - 26 ft	16 - 26 ft	16 - 26 ft	16 - 26 ft	16 - 26 ft	16 - 26 ft
Analyte	Unit	1992 ROD CUOs	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
VOCs														
Benzene	ug/L	5	1030	976	874	883	751	726	443	485	305	372	511	504
Bromoform	ug/L	0.2	< 2.00	< 0.20	< 2.00	< 2.00	< 4.00	< 4.00	< 2.00	R	< 0.20	< 0.20	< 20.0	< 20.0
Ethylbenzene	ug/L	700	332	309	253	269	269	259	174	R	163 J	97.2 J	206	204
m,p-Xylenes	ug/L	NS	73.9	64.2	69.3	73.8	85.6	82.4	28.6	R	28.0 J	16.4 J	41.3	40.6
Methylene chloride	ug/L	0.2	< 20.0	< 2.00	13 j	18 j	< 40.0	< 40.0	< 20.0	R	1.8 j	1.0 j	< 20.0	< 20.0
Naphthalene	ug/L	25	858	1010	822	803	816	806	86.8	R	104 J	64.0 J	704	668
o-Xylene	ug/L	NS	210	195	159	167	179	171	118	R	110 J	66.1 J	130	130
Toluene	ug/L	1000	162	186	178	185	146	139	31.1	R	42.1 J	25.7 J	80.9	79.3
trans-1,2-Dichloroethene	ug/L	100	< 20.0	< 2.00	< 20.0	< 20.0	< 40.0	< 40.0	< 20.0	R	< 2.00	< 2.00	< 20.0	< 20.0
Xylene, Total	ug/L	10000	284	259	228	240	265	254	147	R	138 J	82.5 J	172	171
SVOCs														
Acenaphthene	mg/L	0.42	0.0291	0.0317	0.0228	0.0228	0.0178	0.0176	0.0188	0.0210	0.0299	0.0315	0.0201	0.0212
Acenaphthylene	mg/L	0.21	0.0197	0.0242	0.0183	0.0326	0.0136	0.0144	0.0117	0.0120	0.0334	0.0360	0.0082 j	0.0115
Anthracene	mg/L	2.1	0.00518	0.00655	0.00309 J	0.0160 J	0.00387	0.00335	0.00403	0.00310	0.0152	0.0157	0.00264	< 0.0300
Benzo(a)anthracene	mg/L	0.00013	0.0140	0.0175	0.00904 J	0.0245 J	0.00776	0.00623	0.0074 j	0.0086 j	0.0384	0.0407	0.00440	0.0096 j
Benzo(a)pyrene	mg/L	0.0002	0.0019	0.00260	0.00439	0.00399	< 0.0100	< 0.0100	0.00156	< 0.0200	0.00676	0.00756	0.000617	< 0.0200
Benzo(b)fluoranthene	mg/L	0.00018	0.0198	0.0237	0.0120 J	0.0354 J	0.0090 j	0.0074 j	0.016 j	0.017 j	0.0494	0.0520	< 0.0200	< 0.0200
Benzo(g,h,i)perylene	mg/L	0.21	0.00450	0.00570	0.00186 J	0.0067 J	0.00258	0.00232	0.00305	0.00277	0.0130	0.0138	0.00130	< 0.0200
Benzo(k)fluoranthene	mg/L	0.00017	0.00655	0.00792	0.00249 J	0.0118 J	0.00301	0.00266	0.00293	0.00260	0.0138	0.0159	0.00138	< 0.0200
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	< 0.0200	< 0.0200	< 0.00200	0.0018 j	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.0500	< 0.0500	< 0.00200	< 0.200
Chrysene	mg/L	0.0015	0.0304	0.0395	0.0201 J	0.0504 J	0.0147	0.0133	< 0.0200	0.013 j	0.0573	0.0625	< 0.0200	0.014 j
Dibenzo(a,h)anthracene	mg/L	0.0003	0.00231	0.00294	0.00122 J	0.00482 J	0.00217 J	0.00205 J	0.00190	0.00169 J	0.00684	0.00720	0.000625	< 0.0100
Dibutyl phthalate	mg/L	0.7	< 0.100	< 0.100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.250	< 0.250	< 0.0100	< 1.00
Fluoranthene	mg/L	0.28	< 0.0750	0.068	0.0431 J	0.102 J	0.0321	0.0298	< 0.0300	0.029 j	0.0918	0.118	< 0.0300	0.0305
Fluorene	mg/L	0.28	0.0758	0.0817	0.0808	0.102	0.0811	0.0782	0.0808	0.0892	0.103	0.112	0.0775	0.0882
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	0.00502	0.00667	0.00237 J	0.0091 J	0.00329 J	0.00303 J	0.00366	0.00330	0.0176	0.0190	0.00141	< 0.0200
m,p-cresol	mg/L	0.35	< 0.100	< 0.100	0.0022 j	0.0027 j	0.0025 j	0.0022 j	< 0.0100	< 0.0100	< 0.250	< 0.250	0.0018 j	< 1.00
o-Cresol	mg/L	0.35	< 0.100	< 0.100	0.0016 j	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.250	< 0.250	< 0.0100	< 1.00
Naphthalene	mg/L	0.025	0.497	0.481	0.267	0.263	0.529	0.481	0.040 j	0.0491	0.0846	0.0863	0.396	0.396
Phenanthrene	mg/L	0.21	0.187	0.206	0.144	< 0.300	0.133	0.127	0.118	0.132	0.251	0.313	0.112	0.135
Pyrene	mg/L	0.21	0.0413 J	0.0512 J	0.0314 J	0.0798 J	0.0235	0.0210	< 0.0200	0.0210	0.0998	0.107	< 0.0200	0.0222

Attachment D
Analytical Data Summary 2021- Q2 2026
Ameren Taylorville
Taylorville, Illinois

Location			GW-5	GW-5	GW-5	GW-5	GW-5	GW-5	GW-5	GW-5	GW-5	GW-5	GW-5	GW-5	GW-5	
Sample Date			02/24/2021	05/11/2021	08/12/2021	11/09/2021	02/15/2022	05/10/2022	09/07/2022	11/29/2022	02/13/2023	05/16/2023	05/16/2023	09/13/2023	09/15/2023	10/25/2023
Sample Type			N	N	N	N	N	N	N	N	N	N	FD	N	FD	N
Depth			50.75 - 61 ft	50.75 - 61 ft	50.75 - 61 ft	50.75 - 61 ft	50.75 - 61 ft	50.75 - 61 ft	50.75 - 61 ft	50.75 - 61 ft	50.75 - 61 ft	50.75 - 61 ft	50.75 - 61 ft	50.75 - 61 ft	50.75 - 61 ft	50.75 - 61 ft
Analyte	Unit	1992 ROD CUOs	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
VOCs																
Benzene	ug/L	5	0.18 j	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bromoform	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
Ethylbenzene	ug/L	700	0.22 j	< 1	< 1	1.21	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	0.31 j	< 1.00
m,p-Xylenes	ug/L	NS	0.2 j	< 1	< 1	0.99 j	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Methylene chloride	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Naphthalene	ug/L	25	< 2	< 2	< 2	< 2 HU	< 2	1 j	< 2.00	1.0 j	0.49 Bj	< 2.00	< 2.00	1.4 j	11.0	0.93 j
o-Xylene	ug/L	NS	0.14 j	< 1	< 1	0.74 j	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	0.20 j	< 1.00
Toluene	ug/L	1000	0.12 j	< 2	< 2	0.3 j	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
trans-1,2-Dichloroethene	ug/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Xylene, Total	ug/L	10000	0.34 j	< 2	< 2	1.7 j	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
SVOCs																
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Acenaphthylene	mg/L	0.21	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000075 j	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Benzo(g,h,i)perylene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	0.0087	0.00374	0.00627	0.00213 B	< 0.002	< 0.002	0.0017 j	< 0.00200	< 0.00200	< 0.00200	0.00262	< 0.00200	< 0.00200	< 0.00200
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Dibutyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200 BU
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
m,p-cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Naphthalene	mg/L	0.025	0.00111	< 0.0004	0.00194	< 0.0004	< 0.0004	< 0.0004	< 0.000400	< 0.000400	< 0.000400	< 0.000400	0.000663	< 0.000400	< 0.000400	< 0.000400
Phenanthrene	mg/L	0.21	0.000838	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600
Pyrene	mg/L	0.21	0.000221	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 BU	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200

Attachment D
Analytical Data Summary 2021- Q2 2026
Ameren Taylorville
Taylorville, Illinois

Location			GW-5	GW-5	GW-5	GW-5	GW-5	GW-5	GW-5	GW-5	GW-5	GW-5
Sample Date			02/13/2024	05/07/2024	08/29/2024	11/20/2024	03/18/2025	05/05/2025	08/04/2025	11/11/2025	02/17/2026	05/27/2026
Sample Type			N	N	N	N	N	N	N	N	N	N
Depth			50.75 - 61 ft	50.75 - 61 ft	50.75 - 61 ft	50.75 - 61 ft	50.75 - 61 ft	50.75 - 61 ft	50.75 - 61 ft	50.75 - 61 ft	50.75 - 61 ft	50.75 - 61 ft
Analyte	Unit	1992 ROD CUOs	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
VOCs												
Benzene	ug/L	5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bromoform	ug/L	0.2	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 2.00
Ethylbenzene	ug/L	700	< 1.00	0.23 j	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
m,p-Xylenes	ug/L	NS	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Methylene chloride	ug/L	0.2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Naphthalene	ug/L	25	< 2.00	< 2.00 HU	2.1 j	4.04	< 2.00	0.65 j	< 2.00	< 2.00	< 2.00	< 2.00
o-Xylene	ug/L	NS	< 1.00	0.15 j	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	ug/L	1000	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	0.12 j	< 2.00	< 2.00	< 2.00	< 2.00
trans-1,2-Dichloroethene	ug/L	100	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Xylene, Total	ug/L	10000	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
SVOCs												
Acenaphthene	mg/L	0.42	< 0.000100	< 0.000100	0.000074 j	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Acenaphthylene	mg/L	0.21	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Anthracene	mg/L	2.1	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Benzo(a)anthracene	mg/L	0.00013	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Benzo(a)pyrene	mg/L	0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000100	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(g,h,i)perylene	mg/L	0.21	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000100	< 0.000200	< 0.000200 UJ	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200
Chrysene	mg/L	0.0015	< 0.000100	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Dibutyl phthalate	mg/L	0.7	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Fluoranthene	mg/L	0.28	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Fluorene	mg/L	0.28	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
m,p-cresol	mg/L	0.35	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
o-Cresol	mg/L	0.35	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Naphthalene	mg/L	0.025	< 0.000400	< 0.000400	< 0.0050	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400
Phenanthrene	mg/L	0.21	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600
Pyrene	mg/L	0.21	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200

Attachment D
Analytical Data Summary 2021- Q2 2026
Ameren Taylorville
Taylorville, Illinois

Location			GW-7	GW-7	GW-7	GW-7	GW-7	GW-7	GW-7	GW-7	GW-7	GW-7	GW-7	GW-7	GW-7	
Sample Date			02/23/2021	05/12/2021	08/12/2021	11/09/2021	02/16/2022	05/11/2022	09/07/2022	11/29/2022	02/15/2023	05/17/2023	09/13/2023	10/27/2023	02/13/2024	02/13/2024
Sample Type			N	N	N	N	N	N	N	N	N	N	N	N	N	FD
Depth			80 - 90 ft	80 - 90 ft	80 - 90 ft	80 - 90 ft	80 - 90 ft	80 - 90 ft	80 - 90 ft	80 - 90 ft	80 - 90 ft	80 - 90 ft	80 - 90 ft	80 - 90 ft	80 - 90 ft	80 - 90 ft
Analyte	Unit	1992 ROD CUOs	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
VOCs																
Benzene	ug/L	5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50	< 0.50 SU	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ
Bromoform	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20 UJ	< 0.20 UJ
Ethylbenzene	ug/L	700	< 1	< 1	< 1	0.32 j	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	0.12 J-	< 1.00 UJ
m,p-Xylenes	ug/L	NS	< 1	< 1	< 1	0.54 j	< 1	< 1	< 1.00	< 1.00 SU	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00 UJ	< 1.00 UJ
Methylene chloride	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00 UJ	< 2.00 UJ
Naphthalene	ug/L	25	< 2	1.4 j	< 2	< 2 HU	< 2	< 2	< 2.00	0.70 j	0.36 Bj	< 2.00	< 2.00	< 2.00	< 2.00	1.2 J-
o-Xylene	ug/L	NS	< 1	< 1	< 1	0.21 j	< 1	< 1	< 1.00	< 1.00 SU	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00 UJ	< 1.00 UJ
Toluene	ug/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00 SU	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00 UJ	< 2.00 UJ
trans-1,2-Dichloroethene	ug/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00 UJ	< 2.00 UJ
Xylene, Total	ug/L	10000	< 2	< 2	< 2	0.75 j	< 2	< 2	< 2.00	< 2.00 SU	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00 UJ	< 2.00 UJ
SVOCs																
Acenaphthene	mg/L	0.42	0.000076 j	0.000118	0.000079 j	0.000136	0.000183	0.000145	0.000118	0.000120	0.000183	0.000122 H	0.000155	0.000158	0.000139	0.000130
Acenaphthylene	mg/L	0.21	0.000168	0.000117	0.000137	0.000186	0.000251	0.000149	0.000170	0.000179	0.000203	0.000137 H	0.000194	0.000202	0.000178	0.000157
Anthracene	mg/L	2.1	0.00144	0.00119	0.00124	0.00146	0.00144	0.00153	0.00162	0.00144	0.00148	0.00115 H	0.00179	0.00161	0.00167	0.00149
Benzo(a)anthracene	mg/L	0.00013	0.000119	0.000161	0.000186	0.000235	0.000185	0.000182	0.000212	0.000201	0.000202	0.000183 H	0.000235	0.000211	0.000224	0.000204
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200 HU	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100 HU	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Benzo(g,h,i)perylene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200 HU	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100 HU	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	0.00975	0.00732	0.00233	0.00403 S	0.0029	0.00471	0.0015 j	0.00578	0.00331	0.0148 H	0.00395	0.00271	0.0200	0.0180
Chrysene	mg/L	0.0015	0.000082 j	0.000102	0.000122	0.00017	0.000177	0.000163	0.000164	0.000157	0.000141	0.000145 H	0.000194	0.000184	0.000166	0.000166
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200 HU	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Dibutyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100 HU	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Fluoranthene	mg/L	0.28	0.00131	0.00136	0.00146	0.00164	0.00147	0.00169	0.00154	0.00154	0.00127	0.00106 H	0.00141	0.00122	0.00118	0.00111
Fluorene	mg/L	0.28	0.000295	0.000343	0.000305	0.00039	0.000516	0.000368	0.000331	0.000366	0.000400	0.000331 H	0.000413	0.000393	0.000365	0.000351
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200 HU	< 0.000200	< 0.000200	< 0.000200	< 0.000200
m,p-cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100 HU	< 0.0100	< 0.0100	< 0.0100	< 0.0100
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100 HU	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Naphthalene	mg/L	0.025	< 0.0004	0.00329	< 0.0004	< 0.0004	0.00269	< 0.0004	< 0.000400	< 0.000400	0.00283 S	< 0.000400 HU	< 0.000400	0.000614	< 0.000400	< 0.000400
Phenanthrene	mg/L	0.21	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.000600	< 0.000600	< 0.000600	< 0.000600 HU	< 0.000600	< 0.000600	< 0.000600	< 0.000600
Pyrene	mg/L	0.21	0.00197	0.00227	0.00233	0.0026	0.0025	0.003	0.00276	0.00281	0.00260	0.00157 H	0.00238	0.00265	0.00275	0.00262

Attachment D
Analytical Data Summary 2021- Q2 2026
Ameren Taylorville
Taylorville, Illinois

Location			GW-7	GW-7	GW-7	GW-7	GW-7	GW-7	GW-7	GW-7	GW-7	GW-7	GW-7	GW-7	
Sample Date			05/09/2024	05/09/2024	08/30/2024	11/21/2024	02/25/2025	05/07/2025	05/07/2025	08/06/2025	11/11/2025	11/11/2025	02/19/2026	02/19/2026	05/29/2026
Sample Type			N	FD	N	N	N	N	FD	N	N	FD	N	FD	N
Depth			80 - 90 ft	80 - 90 ft	80 - 90 ft	80 - 90 ft	80 - 90 ft	80 - 90 ft	80 - 90 ft	80 - 90 ft	80 - 90 ft	80 - 90 ft	80 - 90 ft	80 - 90 ft	80 - 90 ft
Analyte	Unit	1992 ROD CUOs	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
VOCs															
Benzene	ug/L	5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50 UJ	< 0.50	< 0.50
Bromoform	ug/L	0.2	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20 UJ	< 0.20	< 0.20	< 0.20	< 0.20 UJ	< 0.20	< 0.20 UJ	< 0.20	< 2.00
Ethylbenzene	ug/L	700	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00 UJ	< 1.00	< 1.00	< 1.00	< 1.00 UJ	< 1.00	< 1.00 UJ	< 1.00	< 1.00
m,p-Xylenes	ug/L	NS	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00 UJ	< 1.00	< 1.00	< 1.00	< 1.00 UJ	< 1.00	< 1.00 UJ	< 1.00	< 1.00
Methylene chloride	ug/L	0.2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00 UJ	< 2.00	< 2.00	< 2.00	< 2.00 UJ	< 2.00	< 2.00 UJ	< 2.00	< 2.00
Naphthalene	ug/L	25	2.81	< 2.00	< 2.00	< 2.00	< 2.00 UJ	< 2.00	< 2.00	< 2.00	< 2.00 UJ	< 2.00	< 2.00 UJ	< 2.00	< 2.00
o-Xylene	ug/L	NS	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00 UJ	< 1.00	< 1.00	< 1.00	< 1.00 UJ	< 1.00	< 1.00 UJ	< 1.00	< 1.00
Toluene	ug/L	1000	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00 UJ	< 2.00	< 2.00	< 2.00	< 2.00 UJ	< 2.00	< 2.00 UJ	< 2.00	< 2.00
trans-1,2-Dichloroethene	ug/L	100	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00 UJ	< 2.00	< 2.00	< 2.00	< 2.00 UJ	< 2.00	< 2.00 UJ	< 2.00	< 2.00
Xylene, Total	ug/L	10000	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00 UJ	< 2.00	< 2.00	< 2.00	< 2.00 UJ	< 2.00	< 2.00 UJ	< 2.00	< 2.00
SVOCs															
Acenaphthene	mg/L	0.42	0.000136	0.000121	0.000204	0.000233	0.000115	0.000130	0.000104	0.000153	0.000220	0.000106	0.000115	0.000090 j	0.000166
Acenaphthylene	mg/L	0.21	0.000177	0.000182	0.000247	0.000177	0.000108	0.000145	0.000121	0.000136	0.000217	0.000107	0.000114	0.000097 j	0.000167
Anthracene	mg/L	2.1	0.00193	0.00141	0.00222	0.00187	0.00118	0.00151	0.00123	0.00136	0.00233 J	0.00119 J	0.00101	0.000829	0.00110
Benzo(a)anthracene	mg/L	0.00013	0.000218	0.000183	0.000285	0.000229	0.000178	0.000199	0.000180	0.000206	0.000347	0.000201	0.000135	0.000147	0.000227
Benzo(a)pyrene	mg/L	0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000200	< 0.000200 UJ	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	0.00017 j	0.00014 j	< 0.000200	< 0.000200	< 0.000200
Benzo(g,h,i)perylene	mg/L	0.21	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000200	< 0.000200 UJ	< 0.000200 UJ	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	0.00748 J	0.0016 J	0.00698 J+	0.00352	0.00302	0.00479	0.00348	0.00878	0.00471 J+	0.00580	< 0.00200	< 0.00200	< 0.00200
Chrysene	mg/L	0.0015	0.000204	0.00014 j	0.00020 j	0.000242	0.00014	0.00016 j	0.00013 j	0.00015 j	0.000240	0.00014 j	< 0.000200	< 0.000200	0.00019 j
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000100	0.000134	< 0.000100	< 0.000100	< 0.000100 UJ	< 0.000100
Dibutyl phthalate	mg/L	0.7	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.010	< 0.0100
Fluoranthene	mg/L	0.28	0.00129	0.000934	0.00139	0.00125	0.000701	0.000756	0.000612	0.000759	0.00110	0.000731	0.000371	0.000338	0.000578
Fluorene	mg/L	0.28	0.000343	0.000334	0.000536	0.000648	0.000304	0.000304	0.000254	0.000326	0.000487	0.000261	0.000240	0.000207	0.000358
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000200	< 0.000200 UJ	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
m,p-cresol	mg/L	0.35	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
o-Cresol	mg/L	0.35	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Naphthalene	mg/L	0.025	< 0.000400	< 0.000400	< 0.000400	0.00496	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400
Phenanthrene	mg/L	0.21	< 0.000600	< 0.000600	< 0.000600	0.00059 j	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600
Pyrene	mg/L	0.21	0.00336 J	0.00237 J	0.00375	0.00302	0.00230	0.00255	0.00208	0.00238	0.00392 J	0.00244 J	0.00153	0.00136	0.00252

Attachment D
Analytical Data Summary 2021- Q2 2026
Ameren Taylorville
Taylorville, Illinois

Location			GW-14	GW-14	GW-14	GW-14	GW-14	GW-14	GW-14	GW-14	GW-14	GW-14	GW-14	GW-14	GW-14	
Sample Date			02/23/2021	05/11/2021	08/12/2021	11/09/2021	02/16/2022	05/11/2022	09/07/2022	11/29/2022	02/14/2023	05/17/2023	09/13/2023	10/26/2023	02/13/2024	05/09/2024
Sample Type			N	N	N	N	N	N	N	N	N	N	N	N	N	N
Depth			84 - 94 ft	84 - 94 ft	84 - 94 ft	84 - 94 ft	84 - 94 ft	84 - 94 ft	84 - 94 ft	84 - 94 ft	84 - 94 ft	84 - 94 ft	84 - 94 ft	84 - 94 ft	84 - 94 ft	84 - 94 ft
Analyte	Unit	1992 ROD CUOs	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
VOCs																
Benzene	ug/L	5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bromoform	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
Ethylbenzene	ug/L	700	< 1	< 1	< 1	0.38 j	< 1	< 1	< 1.00	< 1.00	0.11 j	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
m,p-Xylenes	ug/L	NS	< 1	< 1	< 1	0.72 j	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Methylene chloride	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Naphthalene	ug/L	25	1.6 j	0.49 j	< 2	2.53	< 2	< 2	< 2.00	0.62 j	< 2.00 BU	< 2.00	< 2.00	< 2.00	0.64 j	1.1 j
o-Xylene	ug/L	NS	< 1	< 1	< 1	0.36 j	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	ug/L	1000	< 2	< 2	< 2	0.19 j	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
trans-1,2-Dichloroethene	ug/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Xylene, Total	ug/L	10000	< 2	< 2	< 2	1.1 j	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
SVOCs																
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Acenaphthylene	mg/L	0.21	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000200
Benzo(g,h,i)perylene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000200
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	0.00935	0.00934	0.0139	0.02 B	0.0016 j	0.0018 j	0.00578 S	0.00304	< 0.00200	0.00309	0.00493	0.00216	0.00416 J-	0.00604
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000200
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Dibutyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200 BU	< 0.000200	< 0.000200
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
m,p-cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Naphthalene	mg/L	0.025	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400
Phenanthrene	mg/L	0.21	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200

Attachment D
Analytical Data Summary 2021- Q2 2026
Ameren Taylorville
Taylorville, Illinois

Location			GW-14	GW-14	GW-14	GW-14	GW-14	GW-14	GW-14	GW-14
Sample Date			08/29/2024	11/21/2024	02/25/2025	05/07/2025	08/06/2025	11/13/2025	02/18/2026	05/28/2026
Sample Type			N	N	N	N	N	N	N	N
Depth			84 - 94 ft	84 - 94 ft	84 - 94 ft	84 - 94 ft	84 - 94 ft	84 - 94 ft	84 - 94 ft	84 - 94 ft
Analyte	Unit	1992 ROD CUOs	Result	Result	Result	Result	Result	Result	Result	Result
VOCs										
Benzene	ug/L	5	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bromoform	ug/L	0.2	< 0.20	< 0.20	< 0.20 UJ	< 0.20	< 0.20	< 0.20	< 0.20	< 2.00
Ethylbenzene	ug/L	700	< 1.00	< 1.00	< 1.00 UJ	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
m,p-Xylenes	ug/L	NS	< 1.00	< 1.00	< 1.00 UJ	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Methylene chloride	ug/L	0.2	< 2.00	< 2.00	< 2.00 UJ	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Naphthalene	ug/L	25	< 2.00	< 2.00	< 2.00 UJ	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
o-Xylene	ug/L	NS	< 1.00	< 1.00	< 1.00 UJ	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	ug/L	1000	< 2.00	< 2.00	< 2.00 UJ	< 2.00	< 2.00	< 2.00	< 2.00	< 2.0
trans-1,2-Dichloroethene	ug/L	100	< 2.00	< 2.00	< 2.00 UJ	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Xylene, Total	ug/L	10000	< 2.00	< 2.00	< 2.00 UJ	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
SVOCs										
Acenaphthene	mg/L	0.42	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Acenaphthylene	mg/L	0.21	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Anthracene	mg/L	2.1	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Benzo(a)anthracene	mg/L	0.00013	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Benzo(a)pyrene	mg/L	0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(g,h,i)perylene	mg/L	0.21	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000200 UJ	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	< 0.00270	0.00531	0.00269	0.00436	0.00202	0.00725 J+	< 0.00200	< 0.00200
Chrysene	mg/L	0.0015	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Dibutyl phthalate	mg/L	0.7	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Fluoranthene	mg/L	0.28	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Fluorene	mg/L	0.28	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
m,p-cresol	mg/L	0.35	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
o-Cresol	mg/L	0.35	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Naphthalene	mg/L	0.025	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400
Phenanthrene	mg/L	0.21	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600
Pyrene	mg/L	0.21	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200

Attachment D
Analytical Data Summary 2021 - Q2 2026
Ameren Taylorville
Taylorville, Illinois

Location			GW-15	GW-15	GW-15	GW-15	GW-15	GW-15	GW-15	GW-15	GW-15	GW-15	GW-15	GW-15	GW-15	
Sample Date			02/23/2021	05/13/2021	05/13/2021	08/12/2021	11/09/2021	02/17/2022	02/17/2022	05/11/2022	09/08/2022	11/30/2022	02/15/2023	02/15/2023	05/18/2023	05/18/2023
Sample Type			N	N	FD	N	N	N	FD	N	N	N	N	FD	N	FD
Depth			80 - 90 ft	80 - 90 ft	80 - 90 ft	80 - 90 ft	80 - 90 ft	80 - 90 ft	80 - 90 ft	80 - 90 ft	80 - 90 ft	80 - 90 ft	80 - 90 ft	80 - 90 ft	80 - 90 ft	80 - 90 ft
Analyte	Unit	1992 ROD CUOs	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
VOCs																
Benzene	ug/L	5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bromoform	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
Ethylbenzene	ug/L	700	< 1	< 1	< 1	< 1	0.16 j	< 1	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
m,p-Xylenes	ug/L	NS	< 1	< 1	< 1	< 1	0.43 j	< 1	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Methylene chloride	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Naphthalene	ug/L	25	1.1 j	< 2	< 2	< 2	1.6 j	< 2	< 2	< 2	< 2.00	0.55 j	< 2.00 BU	< 2.00 BU	< 2.00	< 2.00
o-Xylene	ug/L	NS	< 1	< 1	< 1	< 1	0.13 j	< 1	< 1	< 1	0.11 j	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	ug/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
trans-1,2-Dichloroethene	ug/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Xylene, Total	ug/L	10000	< 2	< 2	< 2	< 2	0.56 j	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
SVOCs																
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	0.000094 j	< 0.000100	< 0.000100	< 0.000100 HU	< 0.000100 HU
Acenaphthylene	mg/L	0.21	< 0.0001	0.000063 j	0.000084 j	< 0.0001	< 0.0001	< 0.0001	0.000074 j	< 0.0001	0.000077 j	< 0.000100	< 0.000100	< 0.000100	< 0.000100 HU	< 0.000100 HU
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300 HU	< 0.000300 HU
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	0.00007 j	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100 HU	< 0.000100 HU
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200 HU	< 0.000200 HU
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	0.000075 j	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100 HU	< 0.000100 HU
Benzo(g,h,i)perylene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200 HU	< 0.000200 HU
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100 HU	< 0.000100 HU
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002 BU	< 0.002	< 0.002	< 0.002	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200 HU	< 0.00200 HU
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100 HU	< 0.000100 HU
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200 HU	< 0.000200 HU
Dibutyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100 HU	< 0.0100 HU
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300 HU	< 0.000300 HU
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	0.000287	< 0.000200	0.00010 j	0.000204 H	< 0.000200 HU
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	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200 HU	< 0.000200 HU
m,p-cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100 HU	< 0.0100 HU
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100 HU	< 0.0100 HU
Naphthalene	mg/L	0.025	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	0.00366	0.00414	< 0.000400	< 0.000400	< 0.000400 HU	< 0.000400 HU
Phenanthrene	mg/L	0.21	< 0.0006 RU	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600 HU	< 0.000600 HU
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200 HU	< 0.000200 HU

Attachment D
Analytical Data Summary 2021 - Q2 2026
Ameren Taylorville
Taylorville, Illinois

Location			GW-15	GW-15	GW-15	GW-15	GW-15	GW-15	GW-15	GW-15	GW-15	GW-15	GW-15	
Sample Date			09/13/2023	10/27/2023	02/15/2024	05/10/2024	08/30/2024	11/22/2024	02/26/2025	05/08/2025	08/06/2025	11/13/2025	02/19/2026	05/29/2026
Sample Type			N	N	N	N	N	N	N	N	N	N	N	N
Depth			80 - 90 ft	80 - 90 ft	80 - 90 ft	80 - 90 ft	80 - 90 ft	80 - 90 ft	80 - 90 ft	80 - 90 ft	80 - 90 ft	80 - 90 ft	80 - 90 ft	80 - 90 ft
Analyte	Unit	1992 ROD CUOs	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
VOCs														
Benzene	ug/L	5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bromoform	ug/L	0.2	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 2.00
Ethylbenzene	ug/L	700	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
m,p-Xylenes	ug/L	NS	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Methylene chloride	ug/L	0.2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Naphthalene	ug/L	25	< 2.00	< 2.00	< 2.00	0.60 j	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
o-Xylene	ug/L	NS	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	ug/L	1000	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.0
trans-1,2-Dichloroethene	ug/L	100	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Xylene, Total	ug/L	10000	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
SVOCs														
Acenaphthene	mq/L	0.42	< 0.000100	< 0.000100	0.000087 j	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Acenaphthylene	mq/L	0.21	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	0.000056 j	< 0.000100	< 0.000100	< 0.000100	0.000057 j
Anthracene	mq/L	2.1	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	0.000350	< 0.000300	< 0.000300	< 0.000300
Benzo(a)anthracene	mq/L	0.00013	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	0.000080 j
Benzo(a)pyrene	mq/L	0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(b)fluoranthene	mq/L	0.00018	< 0.000100	< 0.000100	< 0.000100	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(g,h,i)perylene	mg/L	0.21	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000100	< 0.000100	< 0.000100	< 0.000200	< 0.000200 UJ	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	< 0.00200	< 0.00200 SU	< 0.00200	< 0.00200	< 0.00322	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200
Chrysene	mg/L	0.0015	< 0.000100	< 0.000100	< 0.000100	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Dibutyl phthalate	mg/L	0.7	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Fluoranthene	mq/L	0.28	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Fluorene	mq/L	0.28	< 0.000200	< 0.000200	0.00019 j	0.000219	< 0.000200	< 0.000200	< 0.000200	0.00019 j	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Indeno(1,2,3-cd)pyrene	mq/L	0.00043	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
m,p-cresol	mq/L	0.35	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
o-Cresol	mq/L	0.35	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Naphthalene	mq/L	0.025	< 0.000400	< 0.000400	0.00250	0.00315	< 0.000400	< 0.000400	< 0.000400	0.000894	< 0.000400	< 0.000400	< 0.000400	< 0.000400
Phenanthrene	mq/L	0.21	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600
Pyrene	mg/L	0.21	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	0.000229	< 0.000200	< 0.000200	0.00018 j

Attachment D
Analytical Data Summary 2021- Q2 2026
Ameren Taylorville
Taylorville, Illinois

Location			GW-16D	GW-16D	GW-16D	GW-16D	GW-16D	GW-16D	GW-16D	GW-16D	GW-16D	GW-16D	GW-16D	GW-16D	GW-16D	GW-16D
Sample Date			02/22/2021	05/10/2021	08/10/2021	11/08/2021	02/15/2022	05/09/2022	09/06/2022	11/28/2022	02/13/2023	05/15/2023	09/14/2023	10/25/2023	02/14/2024	05/09/2024
Sample Type			N	N	N	N	N	N	N	N	N	N	N	N	N	N
Depth			81 - 91 ft	81 - 91 ft	81 - 91 ft	81 - 91 ft	81 - 91 ft	81 - 91 ft	81 - 91 ft	81 - 91 ft	81 - 91 ft	81 - 91 ft	81 - 91 ft	81 - 91 ft	81 - 91 ft	81 - 91 ft
Analyte	Unit	1992 ROD CUOs	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
VOCs																
Benzene	ug/L	5	< 0.5	< 0.5	0.15 j	< 0.5	< 0.5	0.38 j	0.52	0.71	0.70	0.80	0.76	0.64	< 0.71	< 0.50
Bromoform	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
Ethylbenzene	ug/L	700	< 1	< 1	< 1	0.16 j	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
m,p-Xylenes	ug/L	NS	< 1	< 1	< 1	0.52 j	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Methylene chloride	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Naphthalene	ug/L	25	0.34 j	< 2	< 2	0.92 j	< 2	< 2	< 2.00	0.51 j	< 2.00 BU	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
o-Xylene	ug/L	NS	< 1	< 1	< 1	0.13 j	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	ug/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
trans-1,2-Dichloroethene	ug/L	100	< 2	< 2	< 2	< 2	0.13 j	< 2	0.10 j	0.12 j	< 2.00	0.13 j	< 2.00	< 2.00	< 2.00	< 2.00
Xylene, Total	ug/L	10000	< 2	< 2	< 2	0.65 j	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
SVOCs																
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Acenaphthylene	mg/L	0.21	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	0.000076 j	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000200
Benzo(g,h,i)perylene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000200
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	0.00498	0.0019 j	0.00206	< 0.002	0.0016 j	0.00299	0.0017 j	< 0.00200	< 0.00200	0.0017 j	0.00241	0.00726	0.00770	< 0.00200
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000200
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Dibutyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200 BU	< 0.000200	< 0.000200
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
m,p-cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Naphthalene	mg/L	0.025	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400
Phenanthrene	mg/L	0.21	0.00101	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 BU	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200

Attachment D
Analytical Data Summary 2021- Q2 2026
Ameren Taylorville
Taylorville, Illinois

Location			GW-16D	GW-16D	GW-16D	GW-16D	GW-16D	GW-16D	GW-16D	GW-16D
Sample Date			08/28/2024	11/20/2024	02/25/2025	05/07/2025	08/05/2025	11/12/2025	02/18/2026	05/28/2026
Sample Type			N	N	N	N	N	N	N	N
Depth			81 - 91 ft	81 - 91 ft	81 - 91 ft	81 - 91 ft	81 - 91 ft	81 - 91 ft	81 - 91 ft	81 - 91 ft
Analyte	Unit	1992 ROD CUOs	Result	Result	Result	Result	Result	Result	Result	Result
VOCs										
Benzene	ug/L	5	< 0.50	0.41 j	< 0.50 UJ	< 0.50	0.26 j	0.20 j	< 0.50	< 0.50
Bromoform	ug/L	0.2	< 0.20	< 0.20	< 0.20 UJ	< 0.20	< 0.20	< 0.20	< 0.20	< 2.00
Ethylbenzene	ug/L	700	< 1.00	< 1.00	< 1.00 UJ	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
m,p-Xylenes	ug/L	NS	< 1.00	< 1.00	< 1.00 UJ	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Methylene chloride	ug/L	0.2	< 2.00	< 2.00	< 2.00 UJ	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Naphthalene	ug/L	25	< 2.00	< 2.00	< 2.00 UJ	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
o-Xylene	ug/L	NS	< 1.00	< 1.00	< 1.00 UJ	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	ug/L	1000	< 2.00	< 2.00	< 2.00 UJ	< 2.00	< 2.00	< 2.00	< 2.00	< 2.0
trans-1,2-Dichloroethene	ug/L	100	< 2.00	< 2.00	< 2.00 UJ	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Xylene, Total	ug/L	10000	< 2.00	< 2.00	< 2.00 UJ	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
SVOCs										
Acenaphthene	mg/L	0.42	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Acenaphthylene	mg/L	0.21	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Anthracene	mg/L	2.1	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Benzo(a)anthracene	mg/L	0.00013	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Benzo(a)pyrene	mg/L	0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(g,h,i)perylene	mg/L	0.21	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000200 UJ	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	0.0101 J+	0.00201	0.00615	0.00411	0.00451	0.0019 j	< 0.00200	< 0.00200
Chrysene	mg/L	0.0015	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Dibutyl phthalate	mg/L	0.7	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Fluoranthene	mg/L	0.28	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Fluorene	mg/L	0.28	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
m,p-cresol	mg/L	0.35	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
o-Cresol	mg/L	0.35	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Naphthalene	mg/L	0.025	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400
Phenanthrene	mg/L	0.21	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600
Pyrene	mg/L	0.21	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200

Attachment D
Analytical Data Summary 2021- Q2 2026
Ameren Taylorville
Taylorville, Illinois

Location			GW-16S	GW-16S	GW-16S	GW-16S	GW-16S	GW-16S	GW-16S	GW-16S	GW-16S	GW-16S	GW-16S	GW-16S	GW-16S	GW-16S
Sample Date			02/22/2021	05/10/2021	08/10/2021	11/08/2021	02/15/2022	05/09/2022	09/06/2022	11/28/2022	02/13/2023	05/15/2023	09/14/2023	10/25/2023	02/13/2024	05/09/2024
Sample Type			N	N	N	N	N	N	N	N	N	N	N	N	N	N
Depth			25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft
Analyte	Unit	1992 ROD CUOs	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
VOCs																
Benzene	ug/L	5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bromoform	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
Ethylbenzene	ug/L	700	< 1	< 1	< 1	0.16 j	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
m,p-Xylenes	ug/L	NS	< 1	< 1	< 1	0.49 j	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Methylene chloride	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Naphthalene	ug/L	25	0.43 j	< 2	< 2	1.2 j	< 2	< 2	< 2.00	0.52 j	< 2.00 BU	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
o-Xylene	ug/L	NS	< 1	< 1	< 1	0.12 j	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	ug/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
trans-1,2-Dichloroethene	ug/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Xylene, Total	ug/L	10000	< 2	< 2	< 2	0.61 j	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
SVOCs																
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Acenaphthylene	mg/L	0.21	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	0.000076 j	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000200
Benzo(g,h,i)perylene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000200
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	< 0.002	0.00203	0.0068	0.0016 j	0.0016 j	0.0019 j	0.00240	< 0.00200	0.0019 j	< 0.00200	0.0017 j	0.00426	< 0.00200	< 0.00200
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000200
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Dibutyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	0.00057	< 0.0003	< 0.0003	< 0.0003	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	0.000992	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200 BU	< 0.000200	< 0.000200
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
m,p-cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Naphthalene	mg/L	0.025	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400
Phenanthrene	mg/L	0.21	< 0.0006	< 0.0006	0.00255	< 0.0006	< 0.0006	< 0.0006	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	0.000486	< 0.0002	< 0.0002	< 0.0002 BU	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200

Attachment D
Analytical Data Summary 2021- Q2 2026
Ameren Taylorville
Taylorville, Illinois

Location			GW-16S	GW-16S	GW-16S	GW-16S	GW-16S	GW-16S	GW-16S	GW-16S
Sample Date			08/28/2024	11/20/2024	02/25/2025	05/07/2025	08/05/2025	11/12/2025	02/18/2026	05/28/2026
Sample Type			N	N	N	N	N	N	N	N
Depth			25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft
Analyte	Unit	1992 ROD CUOs	Result	Result	Result	Result	Result	Result	Result	Result
VOCs										
Benzene	ug/L	5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bromoform	ug/L	0.2	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 2.00
Ethylbenzene	ug/L	700	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
m,p-Xylenes	ug/L	NS	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Methylene chloride	ug/L	0.2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Naphthalene	ug/L	25	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
o-Xylene	ug/L	NS	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	ug/L	1000	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.0
trans-1,2-Dichloroethene	ug/L	100	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Xylene, Total	ug/L	10000	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
SVOCs										
Acenaphthene	mg/L	0.42	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Acenaphthylene	mg/L	0.21	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Anthracene	mg/L	2.1	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Benzo(a)anthracene	mg/L	0.00013	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Benzo(a)pyrene	mg/L	0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(g,h,i)perylene	mg/L	0.21	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	< 0.00301	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200
Chrysene	mg/L	0.0015	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Dibutyl phthalate	mg/L	0.7	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Fluoranthene	mg/L	0.28	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Fluorene	mg/L	0.28	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
m,p-cresol	mg/L	0.35	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
o-Cresol	mg/L	0.35	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Naphthalene	mg/L	0.025	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400
Phenanthrene	mg/L	0.21	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600
Pyrene	mg/L	0.21	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200

Attachment D
Analytical Data Summary 2021- Q2 2026
Ameren Taylorville
Taylorville, Illinois

Location			GW-17	GW-17	GW-17	GW-17	GW-17	GW-17	GW-17	GW-17	GW-17	GW-17	GW-17	GW-17	GW-17	
Sample Date			02/22/2021	05/10/2021	08/10/2021	11/08/2021	02/15/2022	05/09/2022	09/06/2022	11/28/2022	02/13/2023	05/15/2023	09/14/2023	10/25/2023	02/14/2024	05/09/2024
Sample Type			N	N	N	N	N	N	N	N	N	N	N	N	N	N
Depth			25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft
Analyte	Unit	1992 ROD CUOs	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
VOCs																
Benzene	ug/L	5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bromoform	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
Ethylbenzene	ug/L	700	< 1	< 1	< 1	0.12 j	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
m,p-Xylenes	ug/L	NS	< 1	< 1	< 1	0.53 j	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Methylene chloride	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Naphthalene	ug/L	25	0.38 j	< 2	< 2	< 2	< 2	< 2	< 2.00	0.49 j	< 2.00 BU	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
o-Xylene	ug/L	NS	< 1	< 1	< 1	0.12 j	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	ug/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
trans-1,2-Dichloroethene	ug/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Xylene, Total	ug/L	10000	< 2	< 2	< 2	0.65 j	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
SVOCs																
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Acenaphthylene	mg/L	0.21	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	0.000074 j	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000200
Benzo(g,h,i)perylene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000200
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	0.0029	< 0.002	0.00739	< 0.002	< 0.002	< 0.002	0.00752	< 0.00200	0.0144	< 0.00200	0.0019 j	< 0.00200	< 0.00200	< 0.00200
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000200
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Dibutyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200 BU	< 0.000200	< 0.000200
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
m,p-cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Naphthalene	mg/L	0.025	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400
Phenanthrene	mg/L	0.21	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 BU	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200

Attachment D
Analytical Data Summary 2021- Q2 2026
Ameren Taylorville
Taylorville, Illinois

Location			GW-17	GW-17	GW-17	GW-17	GW-17	GW-17	GW-17	GW-17
Sample Date			08/28/2024	11/20/2024	02/25/2025	05/06/2025	08/05/2025	11/12/2025	02/18/2026	05/28/2026
Sample Type			N	N	N	N	N	N	N	N
Depth			25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft
Analyte	Unit	1992 ROD CUOs	Result	Result	Result	Result	Result	Result	Result	Result
VOCs										
Benzene	ug/L	5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bromoform	ug/L	0.2	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 2.00
Ethylbenzene	ug/L	700	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
m,p-Xylenes	ug/L	NS	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Methylene chloride	ug/L	0.2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Naphthalene	ug/L	25	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
o-Xylene	ug/L	NS	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	ug/L	1000	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.0
trans-1,2-Dichloroethene	ug/L	100	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Xylene, Total	ug/L	10000	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
SVOCs										
Acenaphthene	mg/L	0.42	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Acenaphthylene	mg/L	0.21	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Anthracene	mg/L	2.1	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Benzo(a)anthracene	mg/L	0.00013	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	0.000084 j
Benzo(a)pyrene	mg/L	0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(g,h,i)perylene	mg/L	0.21	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000200 UJ	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	0.0115 J+	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200
Chrysene	mg/L	0.0015	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Dibutyl phthalate	mg/L	0.7	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Fluoranthene	mg/L	0.28	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Fluorene	mg/L	0.28	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
m,p-cresol	mg/L	0.35	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
o-Cresol	mg/L	0.35	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Naphthalene	mg/L	0.025	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400
Phenanthrene	mg/L	0.21	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600
Pyrene	mg/L	0.21	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200

Attachment D
Analytical Data Summary 2021- Q2 2026
Ameren Taylorville
Taylorville, Illinois

Location			GW-18D	GW-18D	GW-18D	GW-18D	GW-18D	GW-18D	GW-18D	GW-18D	GW-18D	GW-18D	GW-18D	GW-18D	GW-18D	GW-18D
Sample Date			02/23/2021	02/23/2021	05/11/2021	08/11/2021	11/10/2021	02/16/2022	05/09/2022	09/07/2022	09/07/2022	11/29/2022	02/14/2023	05/16/2023	09/14/2023	10/26/2023
Sample Type			N	FD	N	N	N	N	N	N	fd	N	N	N	N	N
Depth			74 - 84 ft	74 - 84 ft	74 - 84 ft	74 - 84 ft	74 - 84 ft	74 - 84 ft	74 - 84 ft	74 - 84 ft	74 - 84 ft	74 - 84 ft	74 - 84 ft	74 - 84 ft	74 - 84 ft	74 - 84 ft
Analyte	Unit	1992 ROD CUOs	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
VOCs																
Benzene	ug/L	5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bromoform	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
Ethylbenzene	ug/L	700	< 1	< 1	< 1	< 1	0.13 j	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
m,p-Xylenes	ug/L	NS	< 1	< 1	< 1	< 1	0.41 j	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Methylene chloride	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Naphthalene	ug/L	25	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00	0.54 j	< 2.00 BU	< 2.00	< 2.00	< 2.00
o-Xylene	ug/L	NS	< 1	< 1	< 1	< 1	0.13 j	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	ug/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
trans-1,2-Dichloroethene	ug/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	0.12 j	< 2.00	< 2.00
Xylene, Total	ug/L	10000	< 2	< 2	< 2	< 2	0.54 j	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
SVOCs																
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Acenaphthylene	mg/L	0.21	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003 BU	< 0.0003	< 0.0003	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Benzo(g,h,i)perylene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	< 0.002	0.0019 j	0.00269	< 0.002	< 0.002	< 0.002	0.00295	0.00284	0.0017 j	< 0.00200	< 0.00200	0.0015 j	< 0.00200	< 0.00200
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Dibutyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200 BU
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
m,p-cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Naphthalene	mg/L	0.025	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400
Phenanthrene	mg/L	0.21	< 0.0006	0.00185	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 BU	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200

Attachment D
Analytical Data Summary 2021- Q2 2026
Ameren Taylorville
Taylorville, Illinois

Location			GW-18D	GW-18D	GW-18D	GW-18D	GW-18D	GW-18D	GW-18D	GW-18D	GW-18D	GW-18D
Sample Date			02/14/2024	05/07/2024	08/29/2024	11/20/2024	02/24/2025	05/06/2025	08/05/2025	11/13/2025	02/18/2026	05/28/2026
Sample Type			N	N	N	N	N	N	N	N	N	N
Depth			74 - 84 ft	74 - 84 ft	74 - 84 ft	74 - 84 ft	74 - 84 ft	74 - 84 ft	74 - 84 ft	74 - 84 ft	74 - 84 ft	74 - 84 ft
Analyte	Unit	1992 ROD CUOs	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
VOCs												
Benzene	ug/L	5	< 0.50	< 0.50	< 0.50	0.10 j	< 0.50 UJ	< 0.50	< 0.50	0.12 j	< 0.50	< 0.50
Bromoform	ug/L	0.2	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20 UJ	< 0.20	< 0.20	< 0.20	< 0.20	< 2.00
Ethylbenzene	ug/L	700	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00 UJ	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
m,p-Xylenes	ug/L	NS	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00 UJ	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Methylene chloride	ug/L	0.2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00 UJ	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Naphthalene	ug/L	25	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00 UJ	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
o-Xylene	ug/L	NS	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00 UJ	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	ug/L	1000	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00 UJ	< 2.00	< 2.00	< 2.00	< 2.00	< 2.0
trans-1,2-Dichloroethene	ug/L	100	0.19 j	0.21 j	0.36 j	0.36 j	0.31 J	0.38 j	0.42 j	0.33 j	0.37 j	0.38 j
Xylene, Total	ug/L	10000	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00 UJ	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
SVOCs												
Acenaphthene	mg/L	0.42	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	0.000364	< 0.000100
Acenaphthylene	mg/L	0.21	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Anthracene	mg/L	2.1	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	0.00027 j	< 0.000300
Benzo(a)anthracene	mg/L	0.00013	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Benzo(a)pyrene	mg/L	0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000100	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(g,h,i)perylene	mg/L	0.21	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000100	< 0.000200	< 0.000200 UJ	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	< 0.00200	0.00227	< 0.0020	0.00383	< 0.00200	< 0.00200	0.00379	0.00204	< 0.00200	< 0.00200
Chrysene	mg/L	0.0015	< 0.000100	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000100	< 0.000100	< 0.000100	< 0.000100 UJ
Dibutyl phthalate	mg/L	0.7	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Fluoranthene	mg/L	0.28	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Fluorene	mg/L	0.28	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	0.000672	< 0.000200
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
m,p-cresol	mg/L	0.35	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
o-Cresol	mg/L	0.35	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Naphthalene	mg/L	0.025	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	0.00219	< 0.000400
Phenanthrene	mg/L	0.21	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	0.00358	< 0.000600
Pyrene	mg/L	0.21	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200

Attachment D
Analytical Data Summary 2021- Q2 2026
Ameren Taylorville
Taylorville, Illinois

Location			GW-18S	GW-18S	GW-18S	GW-18S	GW-18S	GW-18S	GW-18S	GW-18S	GW-18S	GW-18S	GW-18S	GW-18S	GW-18S	
Sample Date			02/23/2021	05/11/2021	08/11/2021	11/10/2021	11/10/2021	02/16/2022	05/09/2022	09/07/2022	11/29/2022	02/14/2023	05/16/2023	09/14/2023	10/26/2023	02/14/2024
Sample Type			N	N	N	N	FD	N	N	N	N	N	N	N	N	N
Depth			15 - 25 ft	15 - 25 ft	15 - 25 ft	15 - 25 ft	15 - 25 ft	15 - 25 ft	15 - 25 ft	15 - 25 ft	15 - 25 ft	15 - 25 ft	15 - 25 ft	15 - 25 ft	15 - 25 ft	15 - 25 ft
Analyte	Unit	1992 ROD CUOs	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
VOCs																
Benzene	ug/L	5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bromoform	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
Ethylbenzene	ug/L	700	< 1	< 1	< 1	0.11 j	0.13 j	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
m,p-Xylenes	ug/L	NS	< 1	< 1	< 1	0.39 j	0.45 j	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Methylene chloride	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Naphthalene	ug/L	25	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	0.48 j	< 2.00 BU	< 2.00	< 2.00	< 2.00	< 2.00
o-Xylene	ug/L	NS	< 1	< 1	< 1	< 1	0.11 j	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	ug/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	0.13 j	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
trans-1,2-Dichloroethene	ug/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Xylene, Total	ug/L	10000	< 2	< 2	< 2	0.39 j	0.56 j	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
SVOCs																
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Acenaphthylene	mg/L	0.21	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003 BU	< 0.0003 BU	< 0.0003	< 0.0003	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	0.000071 j	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Benzo(g,h,i)perylene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	0.00249	0.00329	< 0.002	0.00305	< 0.002	< 0.002	0.00805	0.00228	< 0.00200	0.00331	0.00295	< 0.00200	< 0.00200	0.00266
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Dibutyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200 BU	< 0.000200
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
m,p-cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Naphthalene	mg/L	0.025	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400
Phenanthrene	mg/L	0.21	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 BU	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200

Attachment D
Analytical Data Summary 2021- Q2 2026
Ameren Taylorville
Taylorville, Illinois

Location			GW-18S	GW-18S	GW-18S	GW-18S	GW-18S	GW-18S	GW-18S	GW-18S	GW-18S
Sample Date			05/07/2024	08/29/2024	11/20/2024	02/24/2025	05/06/2025	08/05/2025	11/13/2025	02/18/2026	05/28/2026
Sample Type			N	N	N	N	N	N	N	N	N
Depth			15 - 25 ft	15 - 25 ft	15 - 25 ft	15 - 25 ft	15 - 25 ft	15 - 25 ft	15 - 25 ft	15 - 25 ft	15 - 25 ft
Analyte	Unit	1992 ROD CUOs	Result	Result	Result	Result	Result	Result	Result	Result	Result
VOCs											
Benzene	ug/L	5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bromoform	ug/L	0.2	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 2.00
Ethylbenzene	ug/L	700	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
m,p-Xylenes	ug/L	NS	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Methylene chloride	ug/L	0.2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Naphthalene	ug/L	25	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
o-Xylene	ug/L	NS	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	ug/L	1000	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	2.40 J+
trans-1,2-Dichloroethene	ug/L	100	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Xylene, Total	ug/L	10000	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
SVOCs											
Acenaphthene	mg/L	0.42	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Acenaphthylene	mg/L	0.21	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Anthracene	mg/L	2.1	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Benzo(a)anthracene	mg/L	0.00013	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Benzo(a)pyrene	mg/L	0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(g,h,i)perylene	mg/L	0.21	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000200	< 0.000200 UJ	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	0.00450	< 0.0020	0.00260	0.00334	0.00478	0.00240	0.00317 J+	< 0.00200	< 0.00200
Chrysene	mg/L	0.0015	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000100	< 0.000100	< 0.000100	< 0.000100 UJ
Dibutyl phthalate	mg/L	0.7	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Fluoranthene	mg/L	0.28	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Fluorene	mg/L	0.28	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
m,p-cresol	mg/L	0.35	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
o-Cresol	mg/L	0.35	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Naphthalene	mg/L	0.025	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400
Phenanthrene	mg/L	0.21	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600
Pyrene	mg/L	0.21	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200

Attachment D
Analytical Data Summary 2021- Q2 2026
Ameren Taylorville
Taylorville, Illinois

Location			GW-19D	GW-19D	GW-19D	GW-19D	GW-19D	GW-19D	GW-19D	GW-19D	GW-19D	GW-19D	GW-19D	GW-19D	GW-19D	
Sample Date			02/23/2021	05/11/2021	08/11/2021	11/10/2021	02/16/2022	05/09/2022	09/07/2022	11/29/2022	02/14/2023	05/16/2023	09/14/2023	10/26/2023	02/14/2024	05/07/2024
Sample Type			N	N	N	N	N	N	N	N	N	N	N	N	N	N
Depth			72.5 - 82.5 ft	72.5 - 82.5 ft	72.5 - 82.5 ft	72.5 - 82.5 ft	72.5 - 82.5 ft	72.5 - 82.5 ft	72.5 - 82.5 ft	72.5 - 82.5 ft	72.5 - 82.5 ft	72.5 - 82.5 ft	72.5 - 82.5 ft	72.5 - 82.5 ft	72.5 - 82.5 ft	72.5 - 82.5 ft
Analyte	Unit	1992 ROD CUOs	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
VOCs																
Benzene	ug/L	5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bromoform	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
Ethylbenzene	ug/L	700	< 1	< 1	< 1	0.13 j	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
m,p-Xylenes	ug/L	NS	< 1	< 1	< 1	0.5 j	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Methylene chloride	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Naphthalene	ug/L	25	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	0.47 Bj	< 2.00 BU	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
o-Xylene	ug/L	NS	< 1	< 1	< 1	0.12 j	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	ug/L	1000	< 2	< 2	< 2	< 2	< 2	0.12 j	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
trans-1,2-Dichloroethene	ug/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Xylene, Total	ug/L	10000	< 2	< 2	< 2	0.62 j	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
SVOCs																
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	0.000159	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Acenaphthylene	mg/L	0.21	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003 BU	< 0.0003	< 0.0003	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000200
Benzo(g,h,i)perylene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000200
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	0.00391	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	0.00201	< 0.00200
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000200
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Dibutyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200 BU	< 0.000200
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
m,p-cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Naphthalene	mg/L	0.025	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400
Phenanthrene	mg/L	0.21	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 BU	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200

Attachment D
Analytical Data Summary 2021- Q2 2026
Ameren Taylorville
Taylorville, Illinois

Location			GW-19D	GW-19D	GW-19D	GW-19D	GW-19D	GW-19D	GW-19D	GW-19D
Sample Date			08/29/2024	11/19/2024	02/24/2025	05/06/2025	08/05/2025	11/12/2025	02/17/2026	05/28/2026
Sample Type			N	N	N	N	N	N	N	N
Depth			72.5 - 82.5 ft	72.5 - 82.5 ft	72.5 - 82.5 ft	72.5 - 82.5 ft	72.5 - 82.5 ft	72.5 - 82.5 ft	72.5 - 82.5 ft	72.5 - 82.5 ft
Analyte	Unit	1992 ROD CUOs	Result	Result	Result	Result	Result	Result	Result	Result
VOCs										
Benzene	ug/L	5	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bromoform	ug/L	0.2	< 0.20	< 0.20	< 0.20 UJ	< 0.20	< 0.20	< 0.20	< 0.20	< 2.00
Ethylbenzene	ug/L	700	< 1.00	< 1.00	< 1.00 UJ	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
m,p-Xylenes	ug/L	NS	< 1.00	< 1.00	< 1.00 UJ	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Methylene chloride	ug/L	0.2	< 2.00	< 2.00	< 2.00 UJ	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Naphthalene	ug/L	25	< 2.00	< 2.00	< 2.00 UJ	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
o-Xylene	ug/L	NS	< 1.00	< 1.00	< 1.00 UJ	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	ug/L	1000	< 2.00	< 2.00	< 2.00 UJ	< 2.00	< 2.00	< 2.00	< 2.00	< 2.0
trans-1,2-Dichloroethene	ug/L	100	< 2.00	< 2.00	< 2.00 UJ	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Xylene, Total	ug/L	10000	< 2.00	< 2.00	< 2.00 UJ	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
SVOCs										
Acenaphthene	mg/L	0.42	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Acenaphthylene	mg/L	0.21	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Anthracene	mg/L	2.1	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Benzo(a)anthracene	mg/L	0.00013	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Benzo(a)pyrene	mg/L	0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(g,h,i)perylene	mg/L	0.21	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000200 UJ	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200
Chrysene	mg/L	0.0015	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000100	< 0.000100	< 0.000100 UJ	< 0.000100 UJ
Dibutyl phthalate	mg/L	0.7	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Fluoranthene	mg/L	0.28	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Fluorene	mg/L	0.28	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
m,p-cresol	mg/L	0.35	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
o-Cresol	mg/L	0.35	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Naphthalene	mg/L	0.025	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400
Phenanthrene	mg/L	0.21	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600
Pyrene	mg/L	0.21	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200

Attachment D
Analytical Data Summary 2021- Q2 2026
Ameren Taylorville
Taylorville, Illinois

Location			GW-19S	GW-19S	GW-19S	GW-19S	GW-19S	GW-19S	GW-19S	GW-19S	GW-19S	GW-19S	GW-19S	GW-19S	GW-19S	GW-19S
Sample Date			02/23/2021	05/11/2021	08/11/2021	11/10/2021	02/16/2022	02/16/2022	05/09/2022	09/07/2022	11/29/2022	11/29/2022	02/14/2023	02/14/2023	05/16/2023	09/14/2023
Sample Type			N	N	N	N	N	FD	N	N	N	FD	N	FD	N	N
Depth			12 - 22 ft	12 - 22 ft	12 - 22 ft	12 - 22 ft	12 - 22 ft	12 - 22 ft	12 - 22 ft	12 - 22 ft	12 - 22 ft	12 - 22 ft	12 - 22 ft	12 - 22 ft	12 - 22 ft	12 - 22 ft
Analyte	Unit	1992 ROD CUOs	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
VOCs																
Benzene	ug/L	5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bromoform	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
Ethylbenzene	ug/L	700	< 1	< 1	< 1	0.15 j	< 1	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
m,p-Xylenes	ug/L	NS	< 1	< 1	< 1	0.5 j	< 1	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Methylene chloride	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Naphthalene	ug/L	25	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	0.50 j	0.46 Bj	< 2.00 BU	< 2.00 BU	< 2.00	< 2.00
o-Xylene	ug/L	NS	< 1	< 1	< 1	0.11 j	< 1	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	ug/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
trans-1,2-Dichloroethene	ug/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Xylene, Total	ug/L	10000	< 2	< 2	< 2	0.61 j	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
SVOCs																
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Acenaphthylene	mg/L	0.21	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003 BU	< 0.0003	< 0.0003	< 0.0003	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Benzo(g,h,i)perylene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	0.00238	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Dibutyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
m,p-cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Naphthalene	mg/L	0.025	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400
Phenanthrene	mg/L	0.21	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 BU	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200

Attachment D
Analytical Data Summary 2021- Q2 2026
Ameren Taylorville
Taylorville, Illinois

Location			GW-19S	GW-19S	GW-19S	GW-19S	GW-19S	GW-19S	GW-19S	GW-19S	GW-19S	GW-19S	GW-19S
Sample Date			10/26/2023	02/14/2024	05/07/2024	08/29/2024	11/19/2024	02/24/2025	05/06/2025	08/05/2025	11/12/2025	02/17/2026	05/28/2026
Sample Type			N	N	N	N	N	N	N	N	N	N	N
Depth			12 - 22 ft	12 - 22 ft	12 - 22 ft	12 - 22 ft	12 - 22 ft	12 - 22 ft	12 - 22 ft	12 - 22 ft	12 - 22 ft	12 - 22 ft	12 - 22 ft
Analyte	Unit	1992 ROD CUOs	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
VOCs													
Benzene	ug/L	5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50
Bromoform	ug/L	0.2	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20 UJ	< 0.20	< 0.20	< 2.00
Ethylbenzene	ug/L	700	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00 UJ	< 1.00	< 1.00	< 1.00
m,p-Xylenes	ug/L	NS	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00 UJ	< 1.00	< 1.00	< 1.00
Methylene chloride	ug/L	0.2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00 UJ	< 2.00	< 2.00	< 2.00
Naphthalene	ug/L	25	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00 UJ	< 2.00	< 2.00	< 2.00
o-Xylene	ug/L	NS	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00 UJ	< 1.00	< 1.00	< 1.00
Toluene	ug/L	1000	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00 UJ	< 2.00	< 2.00	2.49 J+
trans-1,2-Dichloroethene	ug/L	100	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00 UJ	< 2.00	0.15 j	0.22 j
Xylene, Total	ug/L	10000	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00 UJ	< 2.00	< 2.00	< 2.00
SVOCs													
Acenaphthene	mg/L	0.42	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Acenaphthylene	mg/L	0.21	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Anthracene	mg/L	2.1	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Benzo(a)anthracene	mg/L	0.00013	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Benzo(a)pyrene	mg/L	0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000100	< 0.000100	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(g,h,i)perylene	mg/L	0.21	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000100	< 0.000100	< 0.000200	< 0.000200 UJ	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200
Chrysene	mg/L	0.0015	< 0.000100	< 0.000100	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000100	< 0.000100	< 0.000100 UJ	< 0.000100 UJ
Dibutyl phthalate	mg/L	0.7	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.010	< 0.0100
Fluoranthene	mg/L	0.28	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Fluorene	mg/L	0.28	< 0.000200 BU	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
m,p-cresol	mg/L	0.35	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
o-Cresol	mg/L	0.35	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Naphthalene	mg/L	0.025	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400
Phenanthrene	mg/L	0.21	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600
Pyrene	mg/L	0.21	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200

Attachment D
Analytical Data Summary 2021- Q2 2026
Ameren Taylorville
Taylorville, Illinois

Location			GW-22D	GW-22D	GW-22D	GW-22D	GW-22D	GW-22D	GW-22D	GW-22D	GW-22D	GW-22D	GW-22D	GW-22D	GW-22D	
Sample Date			02/23/2021	05/12/2021	08/12/2021	11/09/2021	02/16/2022	05/10/2022	09/06/2022	11/28/2022	02/14/2023	05/16/2023	09/14/2023	10/26/2023	10/26/2023	02/15/2024
Sample Type			N	N	N	N	N	N	N	N	N	N	N	N	FD	N
Depth			79 - 89 ft	79 - 89 ft	79 - 89 ft	79 - 89 ft	79 - 89 ft	79 - 89 ft	79 - 89 ft	79 - 89 ft	79 - 89 ft	79 - 89 ft	79 - 89 ft	79 - 89 ft	79 - 89 ft	79 - 89 ft
Analyte	Unit	1992 ROD CUOs	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
VOCs																
Benzene	ug/L	5	0.52	1.2	0.45 j	0.21 j	< 0.5 SU	< 0.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bromoform	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
Ethylbenzene	ug/L	700	< 1	< 1	< 1	0.12 j	< 1 SU	< 1	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
m,p-Xylenes	ug/L	NS	< 1	< 1	< 1	0.43 j	< 1 SU	< 1	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Methylene chloride	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Naphthalene	ug/L	25	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00 BU	0.59 j	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
o-Xylene	ug/L	NS	< 1	< 1	< 1	0.11 j	< 1 SU	< 1	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	ug/L	1000	< 2	< 2	< 2	< 2	< 2 SU	< 2	< 2.00	0.11 j	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
trans-1,2-Dichloroethene	ug/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Xylene, Total	ug/L	10000	< 2	< 2	< 2	0.54 j	< 2 SU	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
SVOCs																
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Acenaphthylene	mg/L	0.21	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Benzo(g,h,i)perylene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	< 0.002	< 0.002	< 0.002	< 0.002 BU	< 0.002	< 0.002	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Dibutyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200 BU	< 0.000200 BU	< 0.000200
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
m,p-cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Naphthalene	mg/L	0.025	< 0.0004	< 0.0004	< 0.0004	0.000955	< 0.0004	< 0.0004	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400
Phenanthrene	mg/L	0.21	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 BU	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200

Attachment D
Analytical Data Summary 2021- Q2 2026
Ameren Taylorville
Taylorville, Illinois

Location			GW-22D	GW-22D	GW-22D	GW-22D	GW-22D	GW-22D	GW-22D	GW-22D	GW-22D
Sample Date			05/09/2024	08/30/2024	11/21/2024	02/26/2025	05/07/2025	08/06/2025	11/13/2025	02/19/2026	05/29/2026
Sample Type			N	N	N	N	N	N	N	N	N
Depth			79 - 89 ft	79 - 89 ft	79 - 89 ft	79 - 89 ft	79 - 89 ft	79 - 89 ft	79 - 89 ft	79 - 89 ft	79 - 89 ft
Analyte	Unit	1992 ROD CUOs	Result	Result	Result	Result	Result	Result	Result	Result	Result
VOCs											
Benzene	ug/L	5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bromoform	ug/L	0.2	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 2.00
Ethylbenzene	ug/L	700	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
m,p-Xylenes	ug/L	NS	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Methylene chloride	ug/L	0.2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Naphthalene	ug/L	25	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
o-Xylene	ug/L	NS	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	ug/L	1000	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.0
trans-1,2-Dichloroethene	ug/L	100	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Xylene, Total	ug/L	10000	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
SVOCs											
Acenaphthene	mg/L	0.42	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Acenaphthylene	mg/L	0.21	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Anthracene	mg/L	2.1	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Benzo(a)anthracene	mg/L	0.00013	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Benzo(a)pyrene	mg/L	0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000200 UJ	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(g,h,i)perylene	mg/L	0.21	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000200 UJ	< 0.000200 UJ	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200
Chrysene	mg/L	0.0015	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000100	< 0.000100	< 0.000100 UJ	< 0.000100 UJ
Dibutyl phthalate	mg/L	0.7	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Fluoranthene	mg/L	0.28	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Fluorene	mg/L	0.28	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000200 UJ	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
m,p-cresol	mg/L	0.35	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
o-Cresol	mg/L	0.35	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Naphthalene	mg/L	0.025	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400
Phenanthrene	mg/L	0.21	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600
Pyrene	mg/L	0.21	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200

Attachment D
Analytical Data Summary 2021- Q2 2026
Ameren Taylorville
Taylorville, Illinois

Location			GW-22S	GW-22S	GW-22S	GW-22S	GW-22S	GW-22S	GW-22S	GW-22S	GW-22S	GW-22S	GW-22S	GW-22S	GW-22S	
Sample Date			02/22/2021	05/12/2021	08/11/2021	08/11/2021	11/09/2021	11/09/2021	02/16/2022	05/10/2022	09/07/2022	11/29/2022	02/14/2023	05/16/2023	09/14/2023	10/26/2023
Sample Type			N	N	N	FD	N	FD	N	N	N	N	N	N	N	
Depth			25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	
Analyte	Unit	1992 ROD CUOs	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	
VOCs																
Benzene	ug/L	5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	
Bromoform	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 0.20	< 0.20	< 0.20	< 0.20	
Ethylbenzene	ug/L	700	< 1	0.14 j	< 1	< 1	< 1	0.11 j	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
m,p-Xylenes	ug/L	NS	< 1	0.2 j	< 1	< 1	0.39 j	0.47 j	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
Methylene chloride	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	
Naphthalene	ug/L	25	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	0.47 Bj	< 2.00 BU	< 2.00	< 2.00	
o-Xylene	ug/L	NS	< 1	0.13 j	< 1	< 1	< 1	0.11 j	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	
Toluene	ug/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	0.12 j	< 2.00	0.22 j	0.25 j	< 2.00	< 2.00	
trans-1,2-Dichloroethene	ug/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	
Xylene, Total	ug/L	10000	< 2	0.33 j	< 2	< 2	0.39 j	0.58 j	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	
SVOCs																
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	
Acenaphthylene	mg/L	0.21	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000068 j	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	0.000071 j	0.00007 j	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	
Benzo(g,h,i)perylene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	0.0017 j	0.00472	0.00983	0.00753	< 0.002 BU	0.0016 Bj	< 0.002	0.00347	< 0.00200	< 0.00200	< 0.00200	< 0.00200	0.0019 j	
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	
Dibutyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200 BU	
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	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	
m,p-cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	
Naphthalene	mg/L	0.025	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	
Phenanthrene	mg/L	0.21	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	

Attachment D
Analytical Data Summary 2021- Q2 2026
Ameren Taylorville
Taylorville, Illinois

Location			GW-22S	GW-22S	GW-22S	GW-22S	GW-22S	GW-22S	GW-22S	GW-22S	GW-22S	GW-22S	GW-22S	GW-22S	GW-22S	GW-22S
Sample Date			02/15/2024	05/09/2024	05/09/2024	08/30/2024	08/30/2024	11/21/2024	11/21/2024	02/26/2025	02/26/2025	05/08/2025	05/08/2025	08/06/2025	08/06/2025	11/12/2025
Sample Type			N	N	FD	N	FD	N	FD	N	FD	N	FD	N	FD	N
Depth			25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft	25 - 35 ft
Analyte	Unit	1992 ROD CUOs	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
VOCs																
Benzene	ug/L	5	115	8.66	8.58	0.88	0.89	3.23	3.07	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bromoform	ug/L	0.2	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
Ethylbenzene	ug/L	700	1.98	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
m,p-Xylenes	ug/L	NS	0.75 j	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Methylene chloride	ug/L	0.2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Naphthalene	ug/L	25	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
o-Xylene	ug/L	NS	2.51	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	ug/L	1000	< 2.0	< 2.00	< 2.00	< 2.0	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
trans-1,2-Dichloroethene	ug/L	100	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Xylene, Total	ug/L	10000	3.26	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
SVOCs																
Acenaphthene	mg/L	0.42	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Acenaphthylene	mg/L	0.21	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Anthracene	mg/L	2.1	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Benzo(a)anthracene	mg/L	0.00013	< 0.000100	< 0.000100	< 0.000100	< 0.000100	0.000074 j	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Benzo(a)pyrene	mg/L	0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(b)fluoranthene	mg/L	0.00018	0.000078 j	< 0.000200 UJ	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(g,h,i)perylene	mg/L	0.21	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000100	< 0.000200 UJ	< 0.000200	< 0.000200 UJ	< 0.000200 UJ	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	0.00242	< 0.00200	< 0.00200	< 0.0020	< 0.00317	0.0018 j	0.00279	< 0.00200	0.00249	< 0.00200	< 0.00200	0.00580	< 0.00200	< 0.00200
Chrysene	mg/L	0.0015	0.000065 j	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000100	< 0.000100	< 0.000100
Dibutyl phthalate	mg/L	0.7	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Fluoranthene	mg/L	0.28	0.00029 j	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Fluorene	mg/L	0.28	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000200	< 0.000200 UJ	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
m,p-cresol	mg/L	0.35	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
o-Cresol	mg/L	0.35	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Naphthalene	mg/L	0.025	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400
Phenanthrene	mg/L	0.21	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600
Pyrene	mg/L	0.21	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200

Attachment D
Analytical Data Summary 2021- Q2 2026
Ameren Taylorville
Taylorville, Illinois

Location			GW-22S	GW-22S
Sample Date			02/18/2026	05/29/2026
Sample Type			N	N
Depth			25 - 35 ft	25 - 35 ft
Analyte	Unit	1992 ROD CUOs	Result	Result
VOCs				
Benzene	ug/L	5	< 0.50	< 0.50
Bromoform	ug/L	0.2	< 0.20	< 2.00
Ethylbenzene	ug/L	700	< 1.00	< 1.00
m,p-Xylenes	ug/L	NS	< 1.00	< 1.00
Methylene chloride	ug/L	0.2	< 2.00	< 2.00
Naphthalene	ug/L	25	< 2.00	< 2.00
o-Xylene	ug/L	NS	< 1.00	< 1.00
Toluene	ug/L	1000	< 2.00	< 2.0
trans-1,2-Dichloroethene	ug/L	100	< 2.00	< 2.00
Xylene, Total	ug/L	10000	< 2.00	< 2.00
SVOCs				
Acenaphthene	mg/L	0.42	< 0.000100	< 0.000100
Acenaphthylene	mg/L	0.21	< 0.000100	< 0.000100
Anthracene	mg/L	2.1	< 0.000300	< 0.000300
Benzo(a)anthracene	mg/L	0.00013	< 0.000100	< 0.000100
Benzo(a)pyrene	mg/L	0.0002	< 0.000200	< 0.000200
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000200	< 0.000200
Benzo(g,h,i)perylene	mg/L	0.21	< 0.000200	< 0.000200
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000200	< 0.000200
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	< 0.00200	0.00204
Chrysene	mg/L	0.0015	< 0.000200	< 0.000200
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000100 UJ	< 0.000100 UJ
Dibutyl phthalate	mg/L	0.7	< 0.010	< 0.0100
Fluoranthene	mg/L	0.28	< 0.000300	< 0.000300
Fluorene	mg/L	0.28	< 0.000200	< 0.000200
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000200	< 0.000200
m,p-cresol	mg/L	0.35	< 0.0100	< 0.0100
o-Cresol	mg/L	0.35	< 0.0100	< 0.0100
Naphthalene	mg/L	0.025	< 0.000400	< 0.000400
Phenanthrene	mg/L	0.21	< 0.000600	< 0.000600
Pyrene	mg/L	0.21	< 0.000200	< 0.000200

Attachment D
Analytical Data Summary 2021- Q2 2026
Ameren Taylorville
Taylorville, Illinois

Location			GW-25	GW-25	GW-25	GW-25	GW-25	GW-25	GW-25	GW-25	GW-25	GW-25	GW-25	GW-25	GW-25	
Sample Date			02/23/2021	05/12/2021	08/11/2021	11/08/2021	02/15/2022	05/10/2022	09/06/2022	11/28/2022	02/13/2023	05/15/2023	09/14/2023	10/26/2023	02/14/2024	05/09/2024
Sample Type			N	N	N	N	N	N	N	N	N	N	N	N	N	N
Depth			18 - 28 ft	18 - 28 ft	18 - 28 ft	18 - 28 ft	18 - 28 ft	18 - 28 ft	18 - 28 ft	18 - 28 ft	18 - 28 ft	18 - 28 ft	18 - 28 ft	18 - 28 ft	18 - 28 ft	18 - 28 ft
Analyte	Unit	1992 ROD CUOs	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
VOCs																
Benzene	ug/L	5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.16 j	< 0.50	< 0.50
Bromoform	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
Ethylbenzene	ug/L	700	< 1	< 1	< 1	0.11 j	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
m,p-Xylenes	ug/L	NS	< 1	< 1	< 1	0.48 j	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Methylene chloride	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Naphthalene	ug/L	25	3.29	< 2	< 2	< 2	< 2	< 2	< 2.00 BU	0.46 Bj	< 2.00 BU	< 2.00	1.5 j	3.77	< 2.00	< 2.00
o-Xylene	ug/L	NS	< 1	< 1	< 1	0.1 j	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	ug/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	0.40 j	0.29 j	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
trans-1,2-Dichloroethene	ug/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Xylene, Total	ug/L	10000	< 2	< 2	< 2	0.58 j	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
SVOCs																
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Acenaphthylene	mg/L	0.21	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000200
Benzo(g,h,i)perylene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000200
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000200
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Dibutyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.0012 j	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200 BU	< 0.000200	< 0.000200
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
m,p-cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Naphthalene	mg/L	0.025	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400
Phenanthrene	mg/L	0.21	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 BU	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200

Attachment D
Analytical Data Summary 2021- Q2 2026
Ameren Taylorville
Taylorville, Illinois

Location			GW-25	GW-25	GW-25	GW-25	GW-25	GW-25	GW-25	GW-25
Sample Date			08/28/2024	11/21/2024	03/18/2025	05/07/2025	08/18/2025	11/12/2025	02/18/2026	05/28/2026
Sample Type			N	N	N	N	N	N	N	N
Depth			18 - 28 ft	18 - 28 ft	18 - 28 ft	18 - 28 ft	18 - 28 ft	18 - 28 ft	18 - 28 ft	18 - 28 ft
Analyte	Unit	1992 ROD CUOs	Result	Result	Result	Result	Result	Result	Result	Result
VOCs										
Benzene	ug/L	5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bromoform	ug/L	0.2	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 2.00
Ethylbenzene	ug/L	700	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
m,p-Xylenes	ug/L	NS	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	0.60 j	< 1.00
Methylene chloride	ug/L	0.2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Naphthalene	ug/L	25	0.86 j	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	0.69 j	< 2.00
o-Xylene	ug/L	NS	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	0.29 j	< 1.00
Toluene	ug/L	1000	< 2.0	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	0.58 j	< 2.0
trans-1,2-Dichloroethene	ug/L	100	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Xylene, Total	ug/L	10000	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	0.89 j	< 2.00
SVOCs										
Acenaphthene	mg/L	0.42	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Acenaphthylene	mg/L	0.21	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Anthracene	mg/L	2.1	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Benzo(a)anthracene	mg/L	0.00013	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Benzo(a)pyrene	mg/L	0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(g,h,i)perylene	mg/L	0.21	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200 UJ	< 0.000200	< 0.000200	< 0.000200
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000200 UJ	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	< 0.0020	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200
Chrysene	mg/L	0.0015	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000100	< 0.000100	< 0.000100 UJ	< 0.000100 UJ
Dibutyl phthalate	mg/L	0.7	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Fluoranthene	mg/L	0.28	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Fluorene	mg/L	0.28	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200 UJ	< 0.000200	< 0.000200	< 0.000200
m,p-cresol	mg/L	0.35	< 0.0100	< 0.0100	< 0.0100	< 0.0100 UJ	0.00060 j	< 0.0100	< 0.0100	< 0.0100
o-Cresol	mg/L	0.35	< 0.0100	< 0.0100	< 0.0100	< 0.0100 UJ	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Naphthalene	mg/L	0.025	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400
Phenanthrene	mg/L	0.21	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600
Pyrene	mg/L	0.21	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200

Attachment D
Analytical Data Summary 2021- Q2 2026
Ameren Taylorville
Taylorville, Illinois

Location			GW-26	GW-26	GW-26	GW-26	GW-26	GW-26	GW-26	GW-26	GW-26	GW-26	GW-26	GW-26	GW-26	
Sample Date			02/24/2021	05/11/2021	08/12/2021	11/08/2021	02/15/2022	05/10/2022	09/06/2022	11/28/2022	02/13/2023	05/15/2023	09/15/2023	10/26/2023	02/15/2024	05/08/2024
Sample Type			N	N	N	N	N	N	N	N	N	N	N	N	N	N
Depth			26 - 36 ft	26 - 36 ft	26 - 36 ft	26 - 36 ft	26 - 36 ft	26 - 36 ft	26 - 36 ft	26 - 36 ft	26 - 36 ft	26 - 36 ft	26 - 36 ft	26 - 36 ft	26 - 36 ft	26 - 36 ft
Analyte	Unit	1992 ROD CUOs	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
VOCs																
Benzene	ug/L	5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bromoform	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
Ethylbenzene	ug/L	700	< 1	< 1	< 1	0.15 j	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
m,p-Xylenes	ug/L	NS	< 1	< 1	< 1	0.52 j	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Methylene chloride	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Naphthalene	ug/L	25	0.52 j	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00 BU	< 2.00 BU	< 2.00	0.69 j	< 2.00	< 2.00	< 2.00
o-Xylene	ug/L	NS	< 1	< 1	< 1	0.12 j	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	ug/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00	0.21 j	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
trans-1,2-Dichloroethene	ug/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Xylene, Total	ug/L	10000	< 2	< 2	< 2	0.64 j	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
SVOCs																
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	0.000072 j	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Acenaphthylene	mg/L	0.21	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	0.000081 j	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000200 UJ
Benzo(g,h,i)perylene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000200 UJ
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	0.0018 j	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000200
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Dibutyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	0.000215	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200 BU	< 0.000200	< 0.000200
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200 UJ
m,p-cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Naphthalene	mg/L	0.025	< 0.0004	< 0.0004	0.00429	< 0.0004	< 0.0004	< 0.0004	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400
Phenanthrene	mg/L	0.21	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 BU	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200

Attachment D
Analytical Data Summary 2021- Q2 2026
Ameren Taylorville
Taylorville, Illinois

Location			GW-26	GW-26	GW-26	GW-26	GW-26	GW-26	GW-26	GW-26	GW-26
Sample Date			08/29/2024	11/20/2024	03/18/2025	05/06/2025	08/04/2025	11/11/2025	02/17/2026	05/27/2026	05/27/2026
Sample Type			N	N	N	N	N	N	N	N	FD
Depth			26 - 36 ft	26 - 36 ft	26 - 36 ft	26 - 36 ft	26 - 36 ft	26 - 36 ft	26 - 36 ft	26 - 36 ft	26 - 36 ft
Analyte	Unit	1992 ROD CUOs	Result	Result	Result	Result	Result	Result	Result	Result	Result
VOCs											
Benzene	ug/L	5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bromoform	ug/L	0.2	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 2.00	< 2.00
Ethylbenzene	ug/L	700	< 1.00	0.12 j	< 1.00	< 1.00	< 1.00	0.31 j	< 1.00	< 1.00	< 1.00
m,p-Xylenes	ug/L	NS	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Methylene chloride	ug/L	0.2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Naphthalene	ug/L	25	< 2.00	4.25	< 2.00	< 2.00	< 2.00	2.11	< 2.00	< 2.00	< 2.00
o-Xylene	ug/L	NS	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	0.24 j	< 1.00	< 1.00	< 1.00
Toluene	ug/L	1000	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.0	< 2.0
trans-1,2-Dichloroethene	ug/L	100	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Xylene, Total	ug/L	10000	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
SVOCs											
Acenaphthene	mg/L	0.42	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	0.000087 j	< 0.000100	< 0.000100	< 0.000100
Acenaphthylene	mg/L	0.21	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	0.000139	< 0.000100	< 0.000100	< 0.000100
Anthracene	mg/L	2.1	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Benzo(a)anthracene	mg/L	0.00013	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	0.000107	< 0.000100	< 0.000100	< 0.000100
Benzo(a)pyrene	mg/L	0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	0.00019 j	< 0.000200	< 0.000200	< 0.000200
Benzo(g,h,i)perylene	mg/L	0.21	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000200 UJ	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200
Chrysene	mg/L	0.0015	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	0.00019 j	< 0.000200	< 0.000200	< 0.000200
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000100 UJ	< 0.000100	< 0.000100 UJ	< 0.000100 UJ	< 0.000100 UJ
Dibutyl phthalate	mg/L	0.7	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Fluoranthene	mg/L	0.28	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	0.000390	< 0.000300	< 0.000300	< 0.000300
Fluorene	mg/L	0.28	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	0.000351	< 0.000200	< 0.000200	< 0.000200
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200 UJ	< 0.000200	< 0.000200	< 0.000200	< 0.000200
m,p-cresol	mg/L	0.35	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
o-Cresol	mg/L	0.35	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Naphthalene	mg/L	0.025	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400
Phenanthrene	mg/L	0.21	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	0.000985	< 0.000600	< 0.000600	< 0.000600
Pyrene	mg/L	0.21	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	0.000284	< 0.000200	< 0.000200	< 0.000200

Attachment D
Analytical Data Summary 2021- Q2 2026
Ameren Taylorville
Taylorville, Illinois

Location			GW-101S	GW-101S	GW-101S	GW-101S	GW-101S	GW-101S
Sample Date			05/11/2021	05/10/2022	05/16/2023	05/08/2024	05/05/2025	05/27/2026
Sample Type			N	N	N	N	N	N
Depth			19.38 - 24.37 ft	19.38 - 24.37 ft	19.38 - 24.37 ft	19.38 - 24.37 ft	19.38 - 24.37 ft	19.38 - 24.37 ft
Analyte	Unit	1992 ROD CUOs	Result	Result	Result	Result	Result	Result
VOCs								
Benzene	ug/L	5	< 0.5	< 0.5	< 0.50	< 0.50	< 0.50	< 0.50
Bromoform	ug/L	0.2	< 2	< 2	< 0.20	< 0.20	< 0.20	< 2.00
Ethylbenzene	ug/L	700	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00
m,p-Xylenes	ug/L	NS	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00
Methylene chloride	ug/L	0.2	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00
Naphthalene	ug/L	25	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00
o-Xylene	ug/L	NS	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	ug/L	1000	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00
trans-1,2-Dichloroethene	ug/L	100	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00
Xylene, Total	ug/L	10000	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00
SVOCs								
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Acenaphthylene	mg/L	0.21	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.000100	< 0.000200 UJ	< 0.000200	< 0.000200
Benzo(g,h,i)perylene	mg/L	0.21	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.000100	< 0.000200 UJ	< 0.000200	< 0.000200
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	< 0.002	< 0.002	< 0.00200	< 0.00200	< 0.00200	< 0.00200
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.000100	< 0.000200	< 0.000200	< 0.000200
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000100 UJ
Dibutyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.000200	< 0.000200 UJ	< 0.000200	< 0.000200
m,p-cresol	mg/L	0.35	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Naphthalene	mg/L	0.025	< 0.0004	< 0.0004	< 0.000400	< 0.000400	< 0.000400	< 0.000400
Phenanthrene	mg/L	0.21	< 0.0006	< 0.0006	< 0.000600	< 0.000600	< 0.000600	< 0.000600
Pyrene	mg/L	0.21	< 0.0002	< 0.0002 BU	< 0.000200	< 0.000200	< 0.000200	< 0.000200

Attachment D
Analytical Data Summary 2021- Q2 2026
Ameren Taylorville
Taylorville, Illinois

Location			GW-102D	GW-102D	GW-102D	GW-102D	GW-102D	GW-102D	GW-102D
Sample Date			05/11/2021	05/10/2022	05/10/2022	05/16/2023	05/08/2024	05/05/2025	05/27/2026
Sample Type			N	N	FD	N	N	N	N
Depth			53 - 58 ft	53 - 58 ft	53 - 58 ft	53 - 58 ft	53 - 58 ft	53 - 58 ft	53 - 58 ft
Analyte	Unit	1992 ROD CUOs	Result	Result	Result	Result	Result	Result	Result
VOCs									
Benzene	ug/L	5	< 0.5	< 0.5	< 0.5	< 0.50	< 0.50	< 0.50	< 0.50
Bromoform	ug/L	0.2	< 2	< 2	< 2	< 0.20	< 0.20	< 0.20	< 2.00
Ethylbenzene	ug/L	700	< 1	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00
m,p-Xylenes	ug/L	NS	< 1	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00
Methylene chloride	ug/L	0.2	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00
Naphthalene	ug/L	25	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00
o-Xylene	ug/L	NS	< 1	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	ug/L	1000	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00
trans-1,2-Dichloroethene	ug/L	100	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00
Xylene, Total	ug/L	10000	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00
SVOCs									
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Acenaphthylene	mg/L	0.21	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000200 UJ	< 0.000200	< 0.000200
Benzo(g,h,i)perylene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000200 UJ	< 0.000200	< 0.000200
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	< 0.002	< 0.002	< 0.002	< 0.00200	< 0.00200	< 0.00200	< 0.00200
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000200	< 0.000200	< 0.000200
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000100 UJ
Dibutyl phthalate	mg/L	0.7	< 0.01	0.00085 j	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200 UJ	< 0.000200	< 0.000200
m,p-cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Naphthalene	mg/L	0.025	< 0.0004	< 0.0004	< 0.0004	< 0.000400	< 0.000400	< 0.000400	< 0.000400
Phenanthrene	mg/L	0.21	< 0.0006	< 0.0006	< 0.0006	< 0.000600	< 0.000600	< 0.000600	< 0.000600
Pyrene	mg/L	0.21	< 0.0002	< 0.0002 BU	< 0.0002 BU	< 0.000200	< 0.000200	< 0.000200	< 0.000200

Attachment D
Analytical Data Summary 2021- Q2 2026
Ameren Taylorville
Taylorville, Illinois

Location			GW-102S	GW-102S	GW-102S	GW-102S	GW-102S	GW-102S
Sample Date			05/11/2021	05/10/2022	05/16/2023	05/08/2024	05/05/2025	05/27/2026
Sample Type			N	N	N	N	N	N
Depth			22.99 - 28 ft	22.99 - 28 ft	22.99 - 28 ft	22.99 - 28 ft	22.99 - 28 ft	22.99 - 28 ft
Analyte	Unit	1992 ROD CUOs	Result	Result	Result	Result	Result	Result
VOCs								
Benzene	ug/L	5	< 0.5	< 0.5	< 0.50	< 0.50	< 0.50	< 0.50
Bromoform	ug/L	0.2	< 2	< 2	< 0.20	< 0.20	< 0.20	< 2.00
Ethylbenzene	ug/L	700	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00
m,p-Xylenes	ug/L	NS	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00
Methylene chloride	ug/L	0.2	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00
Naphthalene	ug/L	25	< 2	< 2	< 2.00	< 2.00 HU	< 2.00	< 2.00
o-Xylene	ug/L	NS	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	ug/L	1000	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00
trans-1,2-Dichloroethene	ug/L	100	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00
Xylene, Total	ug/L	10000	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00
SVOCs								
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Acenaphthylene	mg/L	0.21	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.000100	< 0.000200 UJ	< 0.000200	< 0.000200
Benzo(g,h,i)perylene	mg/L	0.21	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.000100	< 0.000200 UJ	< 0.000200	< 0.000200
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	0.0019 j	< 0.002	< 0.00200	< 0.00200	< 0.00200	< 0.00200
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.000100	< 0.000200	< 0.000200	< 0.000200
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000100 UJ
Dibutyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.010
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.000200	< 0.000200 UJ	< 0.000200	< 0.000200
m,p-cresol	mg/L	0.35	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Naphthalene	mg/L	0.025	< 0.0004	< 0.0004	< 0.000400	< 0.000400	< 0.000400	< 0.000400
Phenanthrene	mg/L	0.21	< 0.0006	< 0.0006	< 0.000600	< 0.000600	< 0.000600	< 0.000600
Pyrene	mg/L	0.21	< 0.0002	< 0.0002 BU	< 0.000200	< 0.000200	< 0.000200	< 0.000200

Attachment D
Analytical Data Summary 2021- Q2 2026
Ameren Taylorville
Taylorville, Illinois

Location			EQUIPMENT_	EQUIPMENT_	EQUIPMENT_	EQUIPMENT_	EQUIPMENT_	EQUIPMENT_	EQUIPMENT_	EQUIPMENT_	EQUIPMENT_	EQUIPMENT_	EQUIPMENT_	EQUIPMENT_	EQUIPMENT_
Sample Date			09/08/2022	02/13/2024	05/08/2024	08/30/2024	11/19/2024	11/22/2024	02/24/2025	05/05/2025	08/04/2025	11/11/2025	11/12/2025	02/17/2026	05/27/2026
Sample Type			EB	EB	EB	EB	EB	EB	EB	EB	EB	EB	EB	EB	EB
Analyte	Unit	1992 ROD CUOs	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
VOCs															
Benzene	ug/L	5	< 0.5	1.56	0.29 j	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bromoform	ug/L	0.2	< 2.0	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 2.00
Ethylbenzene	ug/L	700	< 2.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
m,p-Xylenes	ug/L	NS		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Methylene chloride	ug/L	0.2	< 2.0	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Naphthalene	ug/L	25	< 5.0	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
o-Xylene	ug/L	NS		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	ug/L	1000	< 2.0	< 2.0	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
trans-1,2-Dichloroethene	ug/L	100	< 2.0	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Xylene, Total	ug/L	10000	< 4.0	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
SVOCs															
Acenaphthene	mg/L	0.42	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	RJ	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Acenaphthylene	mg/L	0.21	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	RJ	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Anthracene	mg/L	2.1	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	RJ	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Benzo(a)anthracene	mg/L	0.00013	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	RJ	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Benzo(a)pyrene	mg/L	0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	RJ	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000100	< 0.000100	< 0.000200	< 0.000200	< 0.000200	RJ	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(g,h,i)perylene	mg/L	0.21	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	RJ	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000100	< 0.000100	< 0.000200	< 0.000200 UJ	< 0.000200	RJ	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	< 0.00600	< 0.00200	< 0.00200	0.0017 j	< 0.00200	RJ	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200
Chrysene	mg/L	0.0015	< 0.000100	< 0.000100	< 0.000200	< 0.000200	< 0.000200	RJ	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	RJ	< 0.000200	< 0.000200	< 0.000100 UJ	< 0.000100	< 0.000100	< 0.000100 UJ	< 0.000100
Dibutyl phthalate	mg/L	0.7	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	RJ	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.010	< 0.0100
Fluoranthene	mg/L	0.28	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	RJ	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300
Fluorene	mg/L	0.28	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	RJ	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	RJ	< 0.000200	< 0.000200	< 0.000200 UJ	< 0.000200	< 0.000200	< 0.000200	< 0.000200
m,p-cresol	mg/L	0.35	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	RJ	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
o-Cresol	mg/L	0.35	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	RJ	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Naphthalene	mg/L	0.025		< 0.000400	< 0.000400	0.00263 J+	< 0.000400	RJ	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400
Phenanthrene	mg/L	0.21	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	RJ	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600
Pyrene	mg/L	0.21	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	RJ	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200

Attachment D
Analytical Data Summary 2021- Q2 2026
Ameren Taylorville
Taylorville, Illinois

Location			TRIP_BLANK	TRIP_BLANK	TRIP_BLANK	TRIP_BLANK	TRIP_BLANK	TRIP_BLANK	TRIP_BLANK	TRIP_BLANK	TRIP_BLANK	TRIP_BLANK	TRIP_BLANK	TRIP_BLANK	TRIP_BLANK	TRIP_BLANK
Sample Date			02/25/2021	02/25/2021	05/13/2021	05/13/2021	08/12/2021	08/12/2021	11/10/2021	11/10/2021	02/17/2022	02/17/2022	05/12/2022	05/12/2022	09/07/2022	09/08/2022
Sample Type			TB	TB	TB	TB	TB	TB	TB	TB	TB	TB	TB	TB	TB	TB
Analyte	Unit	1992 ROD CUOs	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
VOCs																
Benzene	ug/L	5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50
Bromoform	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.0	< 2.00
Ethylbenzene	ug/L	700	< 1	< 1	< 1	< 1	< 1	< 1	0.21 j	0.2 j	< 1	< 1	< 1	< 1	< 2.0	< 1.00
m,p-Xylenes	ug/L	NS	< 1	< 1	< 1	< 1	< 1	< 1	0.21 j	0.85 j	0.93 j	< 1	< 1	< 1	< 1	< 1.00
Methylene chloride	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.0	< 2.00
Naphthalene	ug/L	25	< 2	< 2	< 2	< 2	< 2	< 2	0.67 j	< 2	< 2	< 2	< 2	< 2	< 5.0	< 2.00
o-Xylene	ug/L	NS	< 1	< 1	< 1	< 1	< 1	< 1	0.16 j	0.19 j	< 1	< 1	< 1	< 1	< 1	< 1.00
Toluene	ug/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	0.11 j	0.11 j	< 2	< 2	< 2	< 2	< 2.0	< 2.00
trans-1,2-Dichloroethene	ug/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.0	< 2.00
Xylene, Total	ug/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	1 j	1.1 j	< 2	< 2	< 2	< 2	< 4.0	< 2.00

Attachment D
Analytical Data Summary 2021- Q2 2026
Ameren Taylorville
Taylorville, Illinois

Location			TRIP_BLANK	TRIP_BLANK	TRIP_BLANK	TRIP_BLANK	TRIP_BLANK	TRIP_BLANK	TRIP_BLANK	TRIP_BLANK	TRIP_BLANK	TRIP_BLANK	TRIP_BLANK	TRIP_BLANK	TRIP_BLANK	TRIP_BLANK
Sample Date			11/30/2022	11/30/2022	02/15/2023	02/15/2023	05/18/2023	05/18/2023	09/15/2023	10/25/2023	02/15/2024	05/10/2024	08/30/2024	11/22/2024	02/26/2025	03/18/2025
Sample Type			TB	TB	TB	TB	TB	TB	TB	TB	TB	TB	TB	TB	TB	TB
Analyte	Unit	1992 ROD CUOs	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
VOCs																
Benzene	ug/L	5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bromoform	ug/L	0.2	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
Ethylbenzene	ug/L	700	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	0.55	< 1.00
m,p-Xylenes	ug/L	NS	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Methylene chloride	ug/L	0.2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Naphthalene	ug/L	25	0.46 Bj	0.78 j	< 2.00 BU	< 2.00 BU	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
o-Xylene	ug/L	NS	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	0.39	< 1.00
Toluene	ug/L	1000	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	0.16 j	< 2.00	1.3 j	< 2.00	0.20	< 2.00
trans-1,2-Dichloroethene	ug/L	100	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Xylene, Total	ug/L	10000	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	0.39	< 2.00

Attachment D
Analytical Data Summary 2021- Q2 2026
Ameren Taylorville
Taylorville, Illinois

Location			TRIP_BLANK	TRIP_BLANK	TRIP_BLANK	TRIP_BLANK	TRIP_BLANK	TRIP_BLANK
Sample Date			05/08/2025	08/07/2025	08/18/2025	11/13/2025	02/19/2026	05/29/2026
Sample Type			TB	TB	TB	TB	TB	TB
Analyte	Unit	1992 ROD CUOs	Result	Result	Result	Result	Result	Result
VOCs								
Benzene	ug/L	5	< 0.50	RJ	< 0.50	< 0.50	< 0.50	< 0.50
Bromoform	ug/L	0.2	< 0.20	RJ	< 0.20	< 0.20	< 0.20	< 2.00
Ethylbenzene	ug/L	700	< 1.00	RJ	< 1.00	< 1.00	< 1.00	< 1.00
m,p-Xylenes	ug/L	NS	< 1.00	RJ	< 1.00	< 1.00	< 1.00	< 1.00
Methylene chloride	ug/L	0.2	< 2.00	RJ	1.1 j	< 2.00	< 2.00	< 2.00
Naphthalene	ug/L	25	< 2.00	RJ	< 2.00	< 2.00	< 2.00	< 2.00
o-Xylene	ug/L	NS	< 1.00	RJ	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	ug/L	1000	< 2.00	RJ	< 2.00	< 2.00	< 2.00	0.55 j
trans-1,2-Dichloroethene	ug/L	100	< 2.00	RJ	< 2.00	< 2.00	< 2.00	< 2.00
Xylene, Total	ug/L	10000	< 2.00	RJ	< 2.00	< 2.00	< 2.00	< 2.00

Notes:

FD = Field Duplicate Sample

N = Normal Environmental Sample

TB = Trip Blank

EB= Equipment Blank

FF = Field Filtered Sample

mg/L = milligrams per liter

ug/L = micrograms per liter

1992 ROD CUOs = 1992 United States Environmental Protection Agency Record of Decision Clean Up Objectives

NS = no standard

NA = not analyzed

Analysis performed by TEKLAB

Qualifier Definition(s)

J/j = The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.

UJ = The analyte was analyzed for, but was not detected. The reported limit is approximate and may be inaccurate or imprecise.

J+ = The result is an estimated quantity, but the result may be biased high.

J- = The result is an estimated quantity, but the result may be biased low.

U = The analyte was analyzed for, but was not detected above the limit displayed.

B = Analyte detected in associated method blank.

E = Value above quantitation range.

H = Analysis outside of hold time.

R= RPD outside accepted recovery limits.

S = Spike Recovery outside recovery limits.

RJ= Sample results rejected from data set. Refer to Data Validation memo.



ATTACHMENT E DATA VALIDATION SUMMARY



MEMO

TO	Michael Abegg
FROM	Isaac Barraza
DATE	2026-07-24
REFERENCE	0813271
SUBJECT	Data Review of Ameren Taylorville, 2Q26 Groundwater Monitoring Samples. Samples Collected May 27-29, 2026: Teklab, Inc., Data Package(s) 26052589.

Environmental Resources Management, Inc. (ERM) assessed the data quality and applied any necessary qualifiers following the *USEPA National Functional Guidelines for Organic Superfund Methods Data Review*, November 2020. Field duplicates were assessed following *Environmental Data Review Supplement for Region 1 Data Review Elements and Superfund Specific Guidance/Procedures*, September 2020

ERM performed a Stage 2A data validation on 80 percent of the laboratory data, and a Stage 3 data validation on 20 percent of the laboratory data.

ERM reviewed the following items as part of the data validation.

- **Chain of Custody:** The chains of custody were reviewed for proper completion and that the laboratory performed the requested methods and reported the requested target analytes for each sample.
- **Dilutions and Reanalysis:** Dilutions, calibration ranges, and reanalyses were reviewed as applicable. The best result was chosen when more than one result was reported as final.
- **Case Narrative:** The case narrative was reviewed for comments and any necessary qualifiers added.
- **Sample Preservation:** The appropriate temperature and chemical preservation requirements were reviewed. Headspace for volatile sample analysis was reviewed, if applicable.
- **Holding Times:** The period of time between collection of the sample and preparation/analysis of the sample was evaluated.
- **Instrument Tuning:** Instrument tuning and performance check frequency and results were reviewed.

- **Calibration:** The initial calibration type, fit, number of standards, and minimum response factors were evaluated. Additionally, the frequency and percent recoveries for initial and continuing calibration verification standards and blanks were evaluated.
- **Laboratory Blank Samples:** The preparation and analysis of reagent (contaminant-free) water was evaluated, along with the required frequency.
- **Field Blank Samples:** The collection and analysis of field blanks was evaluated. The reviewed data package(s) included the following associated field blanks: trip and equipment.
- **Laboratory Control Spike Samples:** Laboratory control spike sample preparation frequency and recoveries were reviewed as applicable.
- **Matrix Spike Samples:** Matrix spike and post digestion spike sample preparation frequency and recoveries were reviewed as applicable.
- **Surrogate Spikes:** The addition of appropriate surrogates and their recoveries were evaluated.
- **Field Duplicate Samples:** Field duplicate recoveries and/or absolute differences were reviewed as applicable.
- **Recalculation:** Selected target analyte results in project samples were recalculated. Additionally, selected spike sample results (laboratory control, matrix spike, surrogate, post digestion spike, and serial dilution samples), duplicate sample results, continuing calibration results, tune percent ratios, instrument performance check responses, and retention time windows were recalculated.

Data validation findings are summarized in the sections below. As necessary, the following data quality flags were applied during validation. Professional judgment was used when multiple flags were applied to one result; therefore, the final flag may differ from the one presented in an individual table.

- J = estimated concentration
- J+ = the result is an estimated concentration, but may be biased high
- J- = the result is an estimated concentration, but may be biased low
- UJ = estimated reporting limit
- U = evaluated to be non-detected at the reporting limit
- R = rejected, data not usable
- NJ = tentative identification and estimated concentration

Validation outliers and any necessary data qualifications are summarized in tables at the end of this memo. The table below indicates the included validation tables with findings.

List of Attached Tables

Table 1: Sample Summary

Table 2: Calibration Verification Evaluation

Table 3: Laboratory Blank Evaluation

Table 4: Field Blank Evaluation

Table 5: Matrix Spike Evaluation

Table 6: Surrogate Evaluation

Table 7: Field Duplicate Evaluation

CHAIN-OF-CUSTODY DISCREPANCIES

The laboratory did not note discrepancies between the chains-of-custody and the received sample containers, with the following exceptions.

- **26052589:** The laboratory noted that one out of two HCl preserved vials for samples GW-18D-WG-20260528 and TB-001-WQ-20260527 were received with headspace. There were sufficient properly preserved vials provided to complete the requested analyses. No qualifications were necessary and the data quality was not impacted.
- **26052589:** Although a collection date and time was listed on the chain-of-custody for the trip blank sample, Teklab's policy is to log the trip blank in with the date and time of sample receipt. The analysis of the trip blank sample still would be in hold if the time listed on the chain-of-custody had been used and qualifications were not necessary.

SAMPLES WITH NON-REPORTABLE RESULTS

All samples had only one final result reported for each analyte and method combination. All results are considered reportable.

CASE NARRATIVE EVALUATION

The laboratory did not note issues in the case narrative that warranted further explanation.

PRESERVATION EVALUATION

The laboratory received the sample shipments in good condition, within the method-prescribed temperature preservation requirements of less than 6°C, with acceptable

sample pH values, and, as applicable, all vials for volatile analysis were received with no documented headspace.

HOLDING TIME EVALUATION

The samples were prepared and analyzed within the method-prescribed time period from the date of collection, with appropriate considerations for sample preservation requirements.

INSTRUMENT TUNING EVALUATION

All instrument tuning criteria met method acceptance criteria.

INITIAL CALIBRATION EVALUATION

The initial calibrations met the minimum number of calibration standards, required percent standard deviation (%RSD), relative correlation coefficient (r^2), and/or minimum relative response factor (RRF) limits (as applicable to the methods) for target analytes.

CALIBRATION VERIFICATION EVALUATION

The initial and continuing calibration verifications were within required percent difference (%D) or percent recoveries (%R) and RRF limits (as applicable to the methods) for target analytes, with the exceptions and any necessary qualifications noted in Table 2.

ICV and CCV situations requiring additional professional judgement are detailed below.

LABORATORY BLANK EVALUATION

The laboratory blank sample results were non-detected for each of the target analytes, with the exceptions and any necessary qualifications noted in Table 3. The following criteria were taken into consideration when assessing blank contamination and applying any necessary qualifications:

- Non-detected results or results greater than five times the blank concentration (ten times for inorganics or common laboratory contaminants) were considered not affected by contamination and were not qualified.
- If results were associated with more than one blank, the greater of the two blank concentrations was used for applying qualifications.
- Results less than the reporting limit, as adjusted for dilution, were qualified as non-detect (U) at the sample reporting limit.
- Results within five times the blank concentration (ten times for inorganics or common laboratory contaminants), greater than the reporting limit, but less than the blank concentration, as adjusted for dilution, were qualified as non-detect (U) at the sample concentration.

- Results within five times the blank concentration (ten times for inorganics or common laboratory contaminants), greater than the reporting limit, and greater than the blank concentration, as adjusted for dilution, were qualified as estimates with a high bias (J+).

FIELD BLANK EVALUATION

The trip and equipment blank sample results were non-detected for each of the target analytes, with the exceptions and any necessary qualifications noted in Table 4. Any field blank detections associated with laboratory blank contamination and qualified as non-detected (U) are not included in Table 4. The following criteria were taken into consideration when assessing blank contamination and applying any necessary qualifications:

- Non-detected results or results greater than five times the blank concentration (ten times for inorganics or common laboratory contaminants) were considered not affected by contamination and were not qualified.
- If results were associated with more than one blank, the greater of the two blank concentrations was used for applying qualifications.
- Results less than the reporting limit were qualified as non-detect (U) at the sample reporting limit.
- Results within five times the blank concentration (ten times for inorganics or common laboratory contaminants), greater than the reporting limit, but less than the blank concentration were qualified as non-detect (U) at the sample concentration.
- Results within five times the blank concentration (ten times for inorganics or common laboratory contaminants), greater than the reporting limit, and greater than the blank concentration were qualified as estimates with a high bias (J+).
- Equipment and field blank results associated with method blank contamination were attributed to and qualified for laboratory introduced contamination. No additional qualifications were made to sample results based on the equipment and/or field blanks in these instances.

LABORATORY CONTROL SPIKE EVALUATION

The laboratory control sample (LCS) recoveries and, if included, the laboratory control sample duplicate (LCSD) recoveries and relative percent differences (RPD) were within the laboratory's limits of acceptance. The LCS/LCSD recoveries and RPDs indicate acceptable laboratory accuracy and precision.

Laboratory control spike situations requiring additional professional judgement are detailed below.

- The lab qualified Benzo(a)pyrene and Benzo(b)fluoranthene on sample pair LCS-257601/LCSD-257601. The reported RPD was within the limits, no further action was taken.

MATRIX SPIKE EVALUATION

The matrix spike (MS) recoveries and, if included, the matrix spike duplicate (MSD) recoveries and RPDs were within the laboratory's limits of acceptance for target analytes for spiked project samples, with the exceptions and any necessary qualifications noted in Table 5. MS/MSDs performed on non-project parent samples, if included, are not representative of the matrix for this project and were therefore not reviewed or presented. Results were not qualified if the paired spiked sample recovery was acceptable, if high recoveries or RPDs were associated with non-detected results, if the parent sample result was greater than four times that of the spike, if the spike was diluted out, or if the exception was not associated with reported results.

SURROGATE EVALUATION

The surrogate recoveries were within the laboratory limits of acceptance, with the exceptions and any necessary qualifications noted in Table 6. Results were not qualified if the sample dilution factor was greater than or equal to 10, if high recoveries were associated with non-detected results, if only one acid or base/neutral surrogate for semivolatiles was out, if the affected surrogate was not associated with reported analytes, or if the affected sample was laboratory quality control.

FIELD DUPLICATE EVALUATION

One or more samples were submitted to the laboratory as field duplicates. RPDs or absolute differences were calculated as appropriate for detected results. When results were greater than or equal to five times the reporting limit, RPD control limits of 30 for an aqueous matrix or 50 for a non-aqueous matrix were used. When results were less than five times the reporting limit, difference limits of $\pm$ two times the reporting limit for an aqueous matrix or $\pm$ four times the reporting limit for a non-aqueous matrix were used. Control limits were not applicable if both results were less than the reporting limits. If one result was greater than the reporting limit and the other was not detected, the reporting limit for the non-detect result was used when calculating differences. Additionally, if the reporting limits were not the same between the parent and field duplicate samples, professional judgment was used to determine the difference control limit or if the calculation was meaningful. The RPDs and/or absolute differences were within QAPP criteria or EPA Region 1 guidance, whichever is applicable, with any exceptions and necessary qualifications noted in Table 7.

CALIBRATION RANGE EVALUATION

All results were reported within each instrument's calibration range.

RECALCULATION

All result recalculations performed agreed with reported results.

PROFESSIONAL JUDGEMENT EVALUATION

Additional qualifiers using the validator's professional judgement were not necessary.

OVERALL ASSESSMENT

None of the data required rejection. All the data, including any qualified data, can be used for decision-making purposes; however, the limitations indicated by the applied qualifiers should be considered when using the data. The quality of the data generated during this investigation is acceptable for the preparation of technically defensible documents.

Table 1
Sample Summary
2Q26 Groundwater Monitoring Samples
Ameren Taylorville
Taylorville, Illinois

Lab Package	Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	VOCs (8260B)	SVOCs (8270C)
26052589	GW-04R-WG-20260529	26052589-001	Groundwater	05/29/2026	-	x	x
	GW-05-WG-20260527	26052589-002	Groundwater	05/27/2026	-	x	x
	GW-07-WG-20260529	26052589-003	Groundwater	05/29/2026	-	x	x
	GW-14-WG-20260528	26052589-004	Groundwater	05/28/2026	-	x	x
	GW-15-WG-20260529	26052589-005	Groundwater	05/29/2026	-	x	x
	GW-16S-WG-20260528	26052589-006	Groundwater	05/28/2026	-	x	x
	GW-16D-WG-20260528	26052589-007	Groundwater	05/28/2026	-	x	x
	GW-17-WG-20260528	26052589-008	Groundwater	05/28/2026	-	x	x
	GW-18S-WG-20260528	26052589-009	Groundwater	05/28/2026	-	x	x
	GW-18D-WG-20260528	26052589-010	Groundwater	05/28/2026	-	x	x
	GW-19S-WG-20260528	26052589-011	Groundwater	05/28/2026	-	x	x
	GW-19D-WG-20260528	26052589-012	Groundwater	05/28/2026	-	x	x
	GW-22S-WG-20260529	26052589-013	Groundwater	05/29/2026	-	x	x
	GW-22D-WG-20260529	26052589-014	Groundwater	05/29/2026	-	x	x
	DUP-001-WG-20260527	26052589-015	Groundwater	05/27/2026	GW-26-WG-20260527	x	x
	TB-001-WQ-20260527_20260529	26052589-016	Water Quality	05/29/2026	-	x	
	DUP-002-WG-20260529	26052589-017	Groundwater	05/29/2026	GW-04R-WG-20260529	x	x
	GW-101S-WG-20260527	26052589-018	Groundwater	05/27/2026	-	x	x

Table 1
Sample Summary
2Q26 Groundwater Monitoring Samples
Ameren Taylorville
Taylorville, Illinois

Lab Package	Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	VOCs (8260B)	SVOCs (8270C)
26021689	GW-102S-WG-20260527	26052589-019	Groundwater	05/27/2026	-	x	x
	GW-102D-WG-20260527	26052589-020	Groundwater	05/27/2026	-	x	x
	GW-25-WG-20260528	26052589-021	Groundwater	05/28/2026	-	x	x
	GW-26-WG-20260527	26052589-022	Groundwater	05/27/2026	-	x	x
	EQB-001-WQ-20260527	26052589-023	Water Quality	05/27/2026	-	x	x

Notes:

- = not applicable

x = Analysis completed

EQB = equipment blank

SVOCs = semivolatile organic compounds

TB = trip blank

VOCs = volatile organic compounds

Table 2
Calibration Verification Evaluation
2Q26 Groundwater Monitoring Samples
Ameren Taylorville
Taylorville, Illinois

Lab Package	ICV/CCV Sample ID	Analyte	ICV/CCV (%)	ICV/CCV RRF	Limits	Associated Sample	Result	Units	ERM Qualifier
26052589	CCV BNA260602J 06/07/2026 15:18	Dibenzo(a,h)anthracene	-31 %D	--	± 30	DUP-001-WG-20260527	ND	mg/L	UJ
						GW-101S-WG-20260527	ND	mg/L	UJ
						GW-102D-WG-20260527	ND	mg/L	UJ
						GW-102S-WG-20260527	ND	mg/L	UJ
						GW-18D-WG-20260528	ND	mg/L	UJ
						GW-18S-WG-20260528	ND	mg/L	UJ
						GW-19D-WG-20260528	ND	mg/L	UJ
						GW-19S-WG-20260528	ND	mg/L	UJ
						GW-22D-WG-20260529	ND	mg/L	UJ
						GW-22S-WG-20260529	ND	mg/L	UJ
						GW-25-WG-20260528	ND	mg/L	UJ
						GW-26-WG-20260527	ND	mg/L	UJ

Notes:

-- = not applicable; associated data not affected

CCV = continuing calibration verification

mg/L = milligrams per liter

ND = not detected

RRF = relative response factor

r² = correlation coefficient

UJ = non-detected, estimated report limit

Table 3
Laboratory Blank Evaluation
2Q26 Groundwater Monitoring Samples
Ameren Taylorville
Taylorville, Illinois

Lab Package	Blank ID	Analyte	Reported Blank Conc.	Blank RL	Associated Sample	Assoc. Sample Result	Assoc. Sample RL	Units	ERM Qualifier
26052589	MBLK-257516	Di-n-butyl phthalate	0.00088	0.0100	GW-102S-WG-20260527	0.00096	0.010	mg/L	0.010 U
	MBLK-AE260608A-2	Methylene chloride	0.8	2.0	None for qualification, samples ND	--	--	µg/L	--

Notes:

-- = not applicable; associated data not affected

Conc. = concentration

µg/L = micrograms per liter

mg/L = milligrams per liter

ND = not detected

RL = reporting limit

U = non-detected

Table 4
Field Blank Evaluation
2Q26 Groundwater Monitoring Samples
Ameren Taylorville
Taylorville, Illinois

Lab Package	Blank ID	Analyte	Reported Blank Conc.	Blank RL	Associated Sample	Assoc. Sample Result	Assoc. Sample RL	Units	ERM Qualifier
26052589	TB-001-WQ-20260527_20260529	Toluene	0.55	2.0	DUP-001-WG-20260527	0.50	2.0	µg/L	2.0 U
					GW-14-WG-20260528	0.22	2.0	µg/L	2.0 U
					GW-15-WG-20260529	0.32	2.0	µg/L	2.0 U
					GW-16D-WG-20260528	0.34	2.0	µg/L	2.0 U
					GW-16S-WG-20260528	1.4	2.0	µg/L	2.0 U
					GW-17-WG-20260528	1.2	2.0	µg/L	2.0 U
					GW-18D-WG-20260528	0.98	2.0	µg/L	2.0 U
					GW-18S-WG-20260528	2.40	2.00	µg/L	J+
					GW-19D-WG-20260528	0.42	2.0	µg/L	2.0 U
					GW-19S-WG-20260528	2.49	2.00	µg/L	J+
					GW-22D-WG-20260529	0.26	2.0	µg/L	2.0 U
					GW-22S-WG-20260529	0.36	2.0	µg/L	2.0 U
					GW-25-WG-20260528	0.45	2.0	µg/L	2.0 U
					GW-26-WG-20260527	0.29	2.0	µg/L	2.0 U

Notes:

Conc. = concentration

µg/L = micrograms per liter

RL = reporting limit

TB = trip blank

U = non-detected

Table 5
Matrix Spike Evaluation
2Q26 Groundwater Monitoring Samples
Ameren Taylorville
Taylorville, Illinois

Lab Package	Spike Sample ID	Associated Sample	Analyte	Recovery (%)	Limit (%)	RPD	RPD Limit	Result	Units	ERM Qualifier
26052589	GW-25-WG-20260528 MS/MSD	None for qualification, one recovery passes	Naphthalene	45.9/Pass	48.1-111	Pass	28.2	--	--	--

Notes:

-- = not applicable; associated data not affected

MS = matrix spike

MSD = matrix spike duplicate

RPD = relative percent difference

Table 6
Surrogate Evaluation
2Q26 Groundwater Monitoring Samples
Ameren Taylorville
Taylorville, Illinois

Lab Package	Sample ID	Method	Surrogate	Recovery (%)	Limit (%)	Affected Analyte	Dilution Factor	ERM Qualifier
26052589	DUP-002-WG-20260529	8270C	Phenol-d5	23.0	24.9-122	None for qualification, dilution factor ≥ 10	100	--

Notes:

-- = not applicable; associated data not affected

Table 7
Field Duplicate Evaluation
2Q26 Groundwater Monitoring Samples
Ameren Taylorville
Taylorville, Illinois

Lab Package	Primary/Duplicate Sample ID	Analyte	Concentration		Report Limit		Units	AbD	RPD	Limit	ERM Qualifier
			Sample	Duplicate	Sample	Duplicate					
26052589	GW-26-WG-20260527/ DUP-001-WG-20260527	Toluene	0.29	0.50	2.0	2.0	µg/L	--	--	NA	--
	GW-04R-WG-20260529/ DUP-002-WG-20260529	Acenaphthene	0.0201	0.0212	0.0100	0.0100	mg/L	0.0011	--	0.0200	--
		Acenaphthylene	0.0082	0.0115	0.010	0.0100	mg/L	0.0033	--	0.020	--
		Anthracene	0.00264	ND	0.000300	0.0300	mg/L	--	--	NA	--
		Benz(a)anthracene	0.00440	0.0096	0.000100	0.010	mg/L	0.0052	--	0.0002	--
		Benzene	511	504	5.00	5.00	µg/L	--	1.4	30	--
		Benzo(a)pyrene	0.00062	ND	0.000200	0.0200	mg/L	0.01938	--	NA	--
		Benzo(g,h,i)perylene	0.00130	ND	0.000200	0.0200	mg/L	0.019	--	NA	--
		Benzo(k)fluoranthene	0.00138	ND	0.000200	0.0200	mg/L	0.01862	--	NA	--
		Dibenzo(a,h)anthracene	0.00063	ND	0.000100	0.0100	mg/L	0.00938	--	NA	--
		Chrysene	ND ¹	0.014	0.0200	0.0200	mg/L	0.01	--	0.040	--
		Ethylbenzene	206	204	10.0	10.0	µg/L	--	1.0	30	--
		Fluoranthene	ND ¹	0.0305	0.0300	0.0300	mg/L	0.0005	--	0.0600	--
		Fluorene	0.0775	0.0882	0.0200	0.0200	mg/L	0.0107	--	0.040	--
		Indeno(1,2,3-cd)pyrene	0.00141	ND	0.000200	0.0200	mg/L	0.01859	--	NA	--
		m,p-cresol	0.0018	ND	0.010	1.00	mg/L	--	--	NA	--
		m,p-Xylenes	41.3	40.6	10.0	10.0	µg/L	0.7	--	20.0	--
		Naphthalene	0.396	0.396	0.0400	0.0400	mg/L	--	0	30	--
		Naphthalene	704	668	20.0	20.0	µg/L	--	5.2	30	--
		o-Xylene	130	130	10.0	10.0	µg/L	--	0	30	--
		Phenanthrene	0.112	0.135	0.0600	0.0600	mg/L	0.023	--	0.1200	--
		Pyrene	ND ¹	0.0222	0.0200	0.0200	mg/L	0.0022	--	0.0400	--
		Toluene	80.9	79.3	20.0	20.0	µg/L	1.6	--	40.0	--
		Xylene, Total	172	171	20.0	20.0	µg/L	--	0.6	30	--

Notes:

-- = not applicable; associated data not affected

AbD = absolute difference

µg/L = micrograms per liter

mg/L = milligrams per liter

NA = not applicable

ND = not detected

ND¹ = the report limit was used for comparison purposes

Table 7
Field Duplicate Evaluation
2Q26 Groundwater Monitoring Samples
Ameren Taylorville
Taylorville, Illinois

Lab Package	Primary/Duplicate Sample ID	Analyte	Concentration		Report Limit		Units	AbD	RPD	Limit	ERM Qualifier
			Sample	Duplicate	Sample	Duplicate					

RPD = relative percent difference