January 21, 2026

Mr. Greggory 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 Fourth Quarter 2025 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.

Fourth Quarter 2025 – Events

- Fourth quarter 2025 groundwater samples collected in November 2025 (results attached).
- Fourth quarter 2025 pump and treat system samples (results attached).

First Quarter 2026 – Plans

- Abandon onsite monitoring well GW-20 in February.
- Collect first quarter 2026 groundwater samples in February.

Problems Encountered or Anticipated Problems

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

We have treated 1,417,067,817 gallons of groundwater through the system since startup until the end of December 2025. 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,

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

Attachments

Attachments

Pumping Summary and Treatment Plant Results (October - December)

Monitoring Well Location Map

Year 2025 Quarter 4 Groundwater Sampling Results

MGP Pump & Treat System Summary
Taylorville, Illinois
October 2025

DATE	TOTALIZER READING	FLOW	EXTRACTION WELL	Water Level East	Water Level West
Oct-25					
1	5,365,613	44,322	WEST	NM (1)	54
2	5,409,935	68,515	WEST	NM (1)	20
3	5,478,450	59,987	WEST	NM (1)	49
4	5,538,437	68,642	WEST	NM (1)	48
5	5,607,079	79,835	WEST	NM (1)	44
6	5,686,914	54,577	WEST	NM (1)	37
7	5,741,491	47,614	WEST	NM (1)	33
8	5,789,105	25,407	WEST	NM (1)	30
9	5,814,512	59,630	WEST	NM (1)	29
10	5,874,142	72,083	WEST	NM (1)	48
11	5,946,225	73,328	WEST	NM (1)	45
12	6,019,553	59,216	WEST	NM (1)	41
13	6,078,769	56,626	WEST	NM (1)	36
14	6,135,395	50,432	WEST	NM (1)	34
15	6,185,827	27,565	WEST	NM (1)	32
16	6,213,392	71,928	WEST	NM (1)	30
17	6,285,320	40,121	WEST	NM (1)	44
18	6,325,441	68,515	WEST	NM (1)	45
19	6,393,956	83,955	WEST	NM (1)	42
20	6,477,911	37,694	WEST	NM (1)	37
21	6,515,605	27,146	WEST	NM (1)	36
22	6,542,751	78,056	WEST	NM (1)	36
23	6,620,807	71,583	WEST	NM (1)	36
24	6,692,390	55,067	WEST	NM (1)	42
25	6,747,457	58,531	WEST	NM (1)	42
26	6,805,988	70,944	WEST	NM (1)	40
27	6,876,932	56,889	WEST	NM (1)	38
28	6,933,821	52,503	WEST	NM (1)	36
29	6,986,324	29,452	WEST	NM (1)	31
30	7,015,776	48,347	WEST	NM (1)	34
31	7,064,123	66,187	WEST	NM (1)	42
Nov-25	7,130,310				

NM = Not measured
(1) Not measured - RW abandoned

Flow Data	**Gallons**
For Month	1,764,697
To Pond	1,764,697
Below Pond	0
Average	56,926
Maximum	83,955
Minimum	25,407
Total Through Sept	1,411,998,957
Total Through Oct	1,413,763,654

Maintenance Summary

Well Cleaning	None		
Vessel	**North**	**South**	
Carbon Change	None	None	
Cleaned Effluent Backwash Storage	None	None	
Back Washed Vessels	None	None	
Changed Bag Filters	**North**	**Middle**	**South**
	10/2/2025	10/2/2025	10/2/2025
	10/9/2025	10/9/2025	10/9/2025
	10/16/2025	10/16/2025	10/16/2025
	10/23/2025	10/23/2025	10/23/2025
	10/30/2025	10/30/2025	10/30/2025
Drum Disposal	None		

NOTES:

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
October 2025

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	10/1/2025		10/8/2025		10/15/2025		10/22/2025		10/29/2025		Average	Maximum	
Lab pH		-	-	-	7.05	H	7.21	H	7.13	H	7.08	H	7.07	H	7.12	7.21	H
Iron, Dissolved	mg/L	-	-	-	0.0936		0.021	J	0.103		0.21		ND		0.107	0.21	
Iron, Total	mg/L	-	-	-	1.05		0.936		0.830		0.882		0.959		0.925	1.05	
Acenaphthene	mg/L	-	-	0.42	0.0129		0.00458		0.00878		0.0158		0.0155		0.01052	0.0158	
Acenaphthylene	mg/L	-	-	-	0.00495		0.000475		0.00222		0.00424		0.0046		0.00297	0.00495	
Anthracene	mg/L	-	-	2.1	0.00295		0.00167		0.0025		0.00311		0.00315		0.00256	0.00311	
Benzo(a)anthracene	mg/L	-	-	0.00013	**0.000206**		**0.000137**		**0.000125**		**0.000288**		**0.000184**		**0.000189**	**0.000288**	
Benzo(a)pyrene	mg/L	-	-	0.00023	ND		ND		ND		ND		ND		ND	ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND		0.00013	J	ND		0.00013	0.00013	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	-	-	-	0.00017	J	0.00012	J	0.00014	J	0.000229		0.00018	J	0.000165	0.000229	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		0.000127		0.000097	J	ND		0.000112	0.000127	
Fluoranthene	mg/L	-	-	0.28	0.00248		0.00209		0.00173		0.00255		0.00247		0.00221	0.00255	
Fluorene	mg/L	-	-	-	0.0057		0.00327		0.00469		0.00718		0.00731		0.00521	0.00718	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
m,p-Cresol	mg/L	-	-	0.35	0.00068	J	ND		ND		0.0011	J	0.0010	J	0.00089	0.0011	J
o-Cresol	mg/L	-	-	0.35	0.0011	J	0.00096	J	0.0013	J	0.0014	J	0.0013	J	0.00119	0.0014	J
Phenanthrene	mg/L	-	-	-	0.013		ND		0.00841		0.0158		0.0157		0.0124	0.0158	
Pyrene	mg/L	-	-	-	0.00295		0.00243		0.00197		0.00280		0.00253		0.00254	0.00295	
Total PNAs except Naphthalene	mg/L	-	-	-	0.0454		0.0148		0.0307		0.0522		0.0516		0.0358	0.0522	
Benzene	µg/L	-	-	5	**73.6**		**53.8**		**54.9**		**64.4**		**56.0**		**61.7**	**73.6**	
Ethylbenzene	µg/L	-	-	700	34.7		26.6		24.0		27.3		25.0		28.2	34.7	
m,p-Xylenes	µg/L	-	-	-	25.2		22.2		22.2		22.6		20.3		23.1	25.2	
Naphthalene	µg/L	-	-	25	**198**		**134**		**164**		**194**		**140**		**173**	**198**	
o-Xylene	µg/L	-	-	-	14.2		13.6		13.4		13.6		12.4		13.7	14.2	
Toluene	µg/L	-	-	1000	67.3		38.5		37.8		45.7		40.2	B	47.3	67.3	
Xylenes, Total	µg/L	-	-	10000	39.4		35.8		35.7		36.1		32.6		36.8	39.4	

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
October 2025

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	10/1/2025		10/8/2025		10/15/2025		10/22/2025		10/29/2025		Average	Maximum	
Lab pH		-	-	-	7.09	H	7.15	H	7.16	H	7.09	H	7.09	H	7.12	7.16	H
Iron, Dissolved	mg/L	-	-	-	ND		ND		ND		0.039	J	ND		0.039	0.039	
Iron, Total	mg/L	-	-	-	ND		0.0230	J	ND		0.0596		ND		0.0413	0.06	
Acenaphthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Acenaphthylene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Benzo(a)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Benzo(a)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Chrysene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Fluorene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
m,p-Cresol	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
o-Cresol	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Phenanthrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Total PNAs except Naphthalene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Benzene	µg/L	-	-	-	1.4		1.1		0.7		0.6		ND		1.0	1.4	
Ethylbenzene	µg/L	-	-	-	ND		ND		ND		0.1	J	ND		0.1	0.1	J
m,p-Xylenes	µg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Naphthalene	µg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
o-Xylene	µg/L	-	-	-	ND		ND		ND		0.1	J	ND		0.1	0.1	J
Toluene	µg/L	-	-	-	ND		ND		ND		0.1	J	ND	B	0.1	0.1	J
Xylenes, Total	µg/L	-	-	-	ND		ND		ND		ND		ND		ND	0.0	

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
October 2025

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	10/1/2025		10/8/2025		10/15/2025		10/22/2025		10/29/2025		Average	Maximum
Lab pH		-	-	-	7.13	H	7.23	H	7.12	H	7.13	H	7.05	H	7.15	7.23
Iron, Dissolved	mg/L	-	1	-	ND		ND		ND		ND		ND		ND	ND
Iron, Total	mg/L	2	4	-	ND		ND		ND		ND		ND		ND	ND
Acenaphthene	mg/L	-	0.0608	-	ND		ND		ND		ND		ND		ND	ND
Acenaphthylene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND
Anthracene	mg/L	-	0.0023	-	ND		ND		ND		ND		ND		ND	ND
Benzo(a)anthracene	mg/L	-	0.001	-	ND		ND		ND		ND	H	ND		ND	ND
Benzo(a)pyrene	mg/L	-	0.0005	-	ND		ND		ND		ND		ND		ND	ND
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND	H	ND		ND	ND
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND
Chrysene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND	H	ND		ND	ND
Fluoranthene	mg/L	0.053	0.398	-	ND		ND		ND		ND		ND		ND	ND
Fluorene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND
m,p-Cresol	mg/L	-	1.9	-	ND		ND		ND		ND		ND		ND	ND
o-Cresol	mg/L	-	1.9	-	ND		ND		ND		ND		ND		ND	ND
Phenanthrene	mg/L	-	0.01	-	ND		ND		ND		ND		ND		ND	ND
Pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND
Total PNAs except Naphthalene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND
Benzene	µg/L	-	50	-	ND		ND		ND		ND		ND		ND	ND
Ethylbenzene	µg/L	17	216	-	ND		ND		ND		ND		ND		ND	ND
m,p-Xylenes	µg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND
Naphthalene	µg/L	-	670	-	ND		ND		ND		ND		ND		ND	ND
o-Xylene	µg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND
Toluene	µg/L	70	750	-	ND		ND		ND		ND		ND	B	ND	ND
Xylenes, Total	µg/L	117	750	-	ND		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
October 2025

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	10/1/2025	10/8/2025	10/15/2025	10/22/2025	10/29/2025	Average	Maximum
Benzene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
m,p-Xylenes	µg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Naphthalene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
o-Xylene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Toluene	µg/L	-	-	-	ND	ND	ND	ND	ND B	ND	ND
Xylenes, Total	µg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND

ND=Not detected above the project acceptable detection limit
B= Detected in associated method blank

MGP Pump & Treat System Summary
Taylorville, Illinois
November 2025

DATE	TOTALIZER READING	FLOW	EXTRACTION WELL	Water Level East	Water Level West
Nov-25					
1	7,130,310	54,351	WEST	NM (1)	45
2	7,184,661	47,796	WEST	NM (1)	45
3	7,232,457	63,027	WEST	NM (1)	45
4	7,295,484	44,557	WEST	NM (1)	45
5	7,340,041	23,639	WEST	NM (1)	45
6	7,363,680	58,077	WEST	NM (1)	46
7	7,421,757	57,007	WEST	NM (1)	46
8	7,478,764	53,903	WEST	NM (1)	46
9	7,532,667	58,286	WEST	NM (1)	46
10	7,590,953	37,668	WEST	NM (1)	46
11	7,628,621	56,843	WEST	NM (1)	46
12	7,685,464	24,599	WEST	NM (1)	46
13	7,710,063	36,822	WEST	NM (1)	46
14	7,746,885	71,200	WEST	NM (1)	44
15	7,818,085	53,554	WEST	NM (1)	44
16	7,871,639	62,106	WEST	NM (1)	45
17	7,933,745	79,531	WEST	NM (1)	41
18	8,013,276	61,598	WEST	NM (1)	44
19	8,074,874	41,063	WEST	NM (1)	44
20	8,115,937	70,984	WEST	NM (1)	46
21	8,186,921	43,320	WEST	NM (1)	43
22	8,230,241	75,614	WEST	NM (1)	42
23	8,305,855	88,844	WEST	NM (1)	43
24	8,394,699	63,539	WEST	NM (1)	44
25	8,458,238	31,080	WEST	NM (1)	44
26	8,489,318	51,151	WEST	NM (1)	45
27	8,540,469	68,274	WEST	NM (1)	43
28	8,608,743	57,824	WEST	NM (1)	44
29	8,666,567	64,827	WEST	NM (1)	44
30	8,731,394	63,406	WEST	NM (1)	44
Dec-25	8,794,800			NM (1)	46

(1) Not measured - RW abandoned

Flow Data	**Gallons**
For Month	1,664,490
To Pond	1,664,490
Below Pond	0
Average	55,483
Maximum	88,844
Minimum	23,639
Total Through Oct	1,413,763,654
Total Through Nov	1,415,428,144

Maintenance Summary

Well Cleaning	None		
Vessel	**North**	**South**	
Carbon Change	None	None	
Cleaned Effluent Backwash Storage	None	None	
Back Washed Vessels	**North**	**South**	
	None	11/16/2025	
Changed Bag Filters	**North**	**Middle**	**South**
	11/6/2025	11/6/2025	11/6/2025
	11/20/2025	11/20/2025	11/20/2025
	11/26/2025	11/26/2025	11/26/2025
Drum Disposal	None		

Notes:

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
November 2025

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	11/5/2025		11/12/2025		11/19/2025		11/25/2025		Average	Maximum	
Lab pH		-	-	-	7.13	H	7.14	H	7.11	H	7.05	H	7.11	7.14	H
Iron, Dissolved	mg/L	-	-	-	0.033	J	ND	B	0.359		0.268		0.220	0.359	
Iron, Total	mg/L	-	-	-	0.843		0.845	B	1.04		1.11		0.960	1.11	
Acenaphthene	mg/L	-	-	0.42	0.0048		0.0102		0.00951		0.0162		0.01018	0.0162	
Acenaphthylene	mg/L	-	-	-	0.000697		0.00315		0.0034		0.00524		0.003122	0.00524	
Anthracene	mg/L	-	-	2.1	0.00167		0.00255		0.00227		0.00334		0.002458	0.00334	
Benzo(a)anthracene	mg/L	-	-	0.00013	0.000124		**0.000185**		**0.000166**		**0.00018**		**0.000164**	**0.000185**	
Benzo(a)pyrene	mg/L	-	-	0.00023	ND		ND		ND		ND		ND	ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		0.00014	J	ND		0.00014	0.00014	J
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		0.00013	J	ND		0.00017	J	0.00015	0.00017	J
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Fluoranthene	mg/L	-	-	0.28	0.00166		0.00217		0.0021		0.00267		0.00215	0.00267	
Fluorene	mg/L	-	-	-	0.00329		0.0051		0.00478		0.00813		0.00533	0.00813	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
m,p-Cresol	mg/L	-	-	0.35	ND		ND		ND		ND		ND	ND	
o-Cresol	mg/L	-	-	0.35	0.00087	J	0.00066	J	0.0013	J	ND		0.00094	0.0013	J
Phenanthrene	mg/L	-	-	-	0.00326		0.0113		0.00989		0.0143		0.00969	0.0143	
Pyrene	mg/L	-	-	-	0.00194		0.00261		0.0024		0.00325		0.00255	0.00325	
Total PNAs except Naphthalene	mg/L	-	-	-	0.0174		0.0374		0.0347		0.0535		0.0358	0.0535	
Benzene	µg/L	-	-	5	55.3		50.2		71.2		64.0		60.2	71.2	
Ethylbenzene	µg/L	-	-	700	20.2		19.6		33.3		27.1		25.1	33.3	
m,p-Xylenes	µg/L	-	-	-	19		18.2		24.9		20.7		20.7	24.9	
Naphthalene	µg/L	-	-	25	**82.9**		**112**		**172**		**168**		**133.7**	**172**	
o-Xylene	µg/L	-	-	-	11.7		11.1		15.1		12.5		12.6	15.1	
Toluene	µg/L	-	-	1000	32.2		32.7		54.2		44		40.8	54.2	
Xylenes, Total	µg/L	-	-	10000	30.7		29.3		40.0		33.2		33.3	40.0	

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
November 2025

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	11/5/2025		11/12/2025		11/19/2025		11/25/2025		Average	Maximum	
Lab pH		-	-	-	7.01	H	7.05	H	7.04	H	7.05	H	7.04	7.05	H
Iron, Dissolved	mg/L	-	-	-	0.0512		ND	B	0.037	J	ND		0.0441	0.0512	
Iron, Total	mg/L	-	-	-	0.0744		0.0280	BJ	0.0576		ND		0.0533	0.0744	
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		0.000114		0.000114	0.000114	
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	-	-	-	0.3	J	0.2	J	1.6		1.2		0.8	1.6	
Ethylbenzene	µg/L	-	-	-	ND		ND		ND		ND		ND	ND	
m,p-Xylenes	µg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Naphthalene	µg/L	-	-	-	ND		ND		ND		ND		ND	ND	
o-Xylene	µg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Toluene	µg/L	-	-	-	ND		ND		0.1	J	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 = Analyte detected below quantitation limits
H = Holding times exceeded

Effluent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
November 2025

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	11/5/2025		11/12/2025		11/19/2025		11/25/2025		Average	Maximum	
Lab pH		-	-	-	7.11	H	7.11	H	7.13	H	7.1	H	7.11	7.13	H
Iron, Dissolved	mg/L	-	1	-	ND		ND	B	ND		ND		ND	ND	
Iron, Total	mg/L	2	4	-	ND		ND	B	ND		ND		ND	ND	
Acenaphthene	mg/L	-	0.0608	-	ND		ND		ND		ND		ND	ND	
Acenaphthylene	mg/L	-	-	-	ND		ND	R	ND	H	ND		ND	ND	
Anthracene	mg/L	-	0.0023	-	ND		ND	R	ND		ND		ND	ND	
Benzo(a)anthracene	mg/L	-	0.001	-	ND		ND		ND	H	ND		ND	ND	
Benzo(a)pyrene	mg/L	-	0.0005	-	ND		ND		ND	H	ND		ND	ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND	H	ND	SR	ND	ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND	H	ND		ND	ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND	SR	ND	ND	
Chrysene	mg/L	-	-	-	ND		ND		ND	H	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	H	ND	SR	ND	ND	
Fluorene	mg/L	-	-	-	ND		ND	R	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	S	ND		ND		ND	S	ND	ND	
o-Cresol	mg/L	-	1.9	-	ND	S	ND		ND		ND	S	ND	ND	
Phenanthrene	mg/L	-	0.01	-	ND		ND		ND		ND		ND	ND	
Pyrene	mg/L	-	-	-	ND		ND	R	ND	H	ND	SR	ND	ND	
Total PNAs except Naphthalene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Benzene	µg/L	-	50	-	ND		ND		ND		ND		ND	ND	
Ethylbenzene	µg/L	17	216	-	ND		ND		ND		ND		ND	ND	
m,p-Xylenes	µg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Naphthalene	µg/L	-	670	-	ND		ND		ND		ND		ND	ND	
o-Xylene	µg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Toluene	µg/L	70	750	-	ND		ND		ND		ND		ND	ND	
Xylenes, Total	µg/L	117	750	-	ND		ND		ND		ND		ND	ND	

ND=Not detected above the project acceptable detection limit
R=RPD outside acceptable recovery limits
S=MS/MSD recovery outside control limits
SR= Surrogate recovery outside control limits
H = Holding times exceeded

Trip Blank
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
November 2025

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	11/5/2025	11/12/2025	11/19/2025	11/25/2025	Average	Maximum
Benzene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Ethylbenzene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
m,p-Xylenes	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Naphthalene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
o-Xylene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Toluene	µg/L	-	-	-	0.5 J	ND	ND	ND	0.5	0.5 J
Xylenes, Total	µg/L	-	-	-	ND	ND	ND	ND	ND	ND

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

MGP Pump & Treat System Summary
Taylorville, Illinois
December 2025

DATE	TOTALIZER READING	FLOW	EXTRACTION WELL	Water Level East	Water Level West
Dec-25					
1	8,794,800	48,445	WEST	NM (1)	32
2	8,843,245	44,988	WEST	NM (1)	30
3	8,888,233	24,300	WEST	NM (1)	28
4	8,912,533	46,397	WEST	NM (1)	28
5	8,958,930	71,245	WEST	NM (1)	46
6	9,030,175	50,233	WEST	NM (1)	41
7	9,080,408	76,115	WEST	NM (1)	37
8	9,156,523	54,342	WEST	NM (1)	35
9	9,210,865	50,164	WEST	NM (1)	33
10	9,261,029	26,951	WEST	NM (1)	31
11	9,287,980	62,240	WEST	NM (1)	31
12	9,350,220	40,855	WEST	NM (1)	40
13	9,391,075	61,436	WEST	NM (1)	40
14	9,452,511	50,567	WEST	NM (1)	36
15	9,503,078	67,865	WEST	NM (1)	35
16	9,570,943	47,424	WEST	NM (1)	31
17	9,618,367	27,176	WEST	NM (1)	31
18	9,645,543	60,447	WEST	NM (1)	30
19	9,705,990	50,702	WEST	NM (1)	39
20	9,756,692	54,892	WEST	NM (1)	36
21	9,811,584	75,151	WEST	NM (1)	32
22	9,886,735	61,921	WEST	NM (1)	49
23	9,948,656	29,912	WEST	NM (1)	32
24	9,978,568	78,389	WEST	NM (1)	34
25	56,957	50,133	WEST	NM (1)	45
26	107,090	71,151	WEST	NM (1)	44
27	178,241	51,385	WEST	NM (1)	40
28	229,626	69,199	WEST	NM (1)	37
29	298,825	48,960	WEST	NM (1)	35
30	347,785	26,856	WEST	NM (1)	30
31	374,641	59,832	WEST	NM (1)	30
Jan-26	434,473				44

(1) Not measured - RW abandoned
(2) Flow Totalizer Reset 12/25/2025

Flow Data	**Gallons**
For Month	1,639,673
To Pond	1,639,673
Below Pond	0
Average	52,893
Maximum	78,389
Minimum	24,300
Total Through Nov	1,415,428,144
Total Through Dec	1,417,067,817

Maintenance Summary

Well Cleaning	None		
Vessel	**North**	**South**	
Carbon Change	None	None	
Cleaned Effluent Backwash Storage	None	None	
Back Washed Vessels	None	12/21/2025	
Changed Bag Filters	**North**	**Middle**	**South**
	12/4/2025	12/4/2025	12/4/2025
	12/11/2025	12/11/2025	12/11/2025
	12/18/2025	12/18/2025	12/18/2025
	12/24/2025	12/24/2025	12/24/2025
	12/31/2025	12/31/2025	12/31/2025
Drum Disposal	None		

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
December 2025

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	12/3/2025		12/10/2025		12/17/2025		12/24/2025		12/31/2025		Average	Maximum	
Lab pH		-	-	-	7.18	H	7.4	H	7.05	H	7.77	H	7.55	H	7.39	7.77	H
Iron, Dissolved	mg/L	-	-	-	0.203		0.028	J	0.0525		0.342		0.022	J	0.130	0.342	
Iron, Total	mg/L	-	-	-	0.899		1.05		1.09		1.07		0.853		1.027	1.09	
Acenaphthene	mg/L	-	-	0.42	0.0128		0.00605		0.0107		0.0138		0.0125		0.01117	0.0138	
Acenaphthylene	mg/L	-	-	-	0.00309		0.000819		0.00294		0.00449		0.0035		0.00297	0.00449	
Anthracene	mg/L	-	-	2.1	0.00317		0.00219		0.00234		0.00262		0.00277		0.00262	0.00317	
Benzo(a)anthracene	mg/L	-	-	0.00013	**0.00023**		**0.000154**		0.000122		**0.000165**		**0.000159**		**0.00017**	**0.00023**	
Benzo(a)pyrene	mg/L	-	-	0.00023	ND		ND		ND		ND		ND		ND	ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Chrysene	mg/L	-	-	-	0.000234		0.00012	J	0.00012	J	0.00013	J	0.00013	J	0.00015	0.000234	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Fluoranthene	mg/L	-	-	0.28	0.00262		0.00225		0.00185		0.00229		0.00218		0.00224	0.00262	
Fluorene	mg/L	-	-	-	0.00596		0.00459		0.00477		0.00634		0.00596		0.00552	0.00634	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
m,p-Cresol	mg/L	-	-	0.35	ND		ND		0.00061	J	0.00062	J	ND		0.00062	0.00062	J
o-Cresol	mg/L	-	-	0.35	ND		0.0012	J	ND		0.0010	J	ND		0.0011	0.0012	J
Phenanthrene	mg/L	-	-	-	0.0128		0.00452		0.0101		0.0128		0.0114		0.01032	0.0128	
Pyrene	mg/L	-	-	-	0.00298		0.00248		0.00203		0.00274		0.00268		0.00258	0.00298	
Total PNAs except Naphthalene	mg/L	-	-	-	0.0438		0.0232		0.0350		0.0454		0.0413		0.0377	0.0454	
Benzene	µg/L	-	-	5	**55.9**		**59.2**		**55**		**74.3**		**60.6**		**61.0**	**74.3**	
Ethylbenzene	µg/L	-	-	700	22		24.2		22.8		34.0		25.2		25.6	34.0	
m,p-Xylenes	µg/L	-	-	-	20.9		22		21.7		27.2		22.3		22.8	27.2	
Naphthalene	µg/L	-	-	25	**129**		**124**		**109**	**B**	**156**		**155**		**135**	**156**	
o-Xylene	µg/L	-	-	-	13		13.5		12.9		15.4		14		13.8	15.4	
Toluene	µg/L	-	-	1000	33.2		38.9		35.3		74.4		37.5		43.9	74.4	
Xylenes, Total	µg/L	-	-	10000	34		35.5		34.6		42.7		36.3		36.6	42.7	

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
December 2025

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	12/3/2025		12/10/2025		12/17/2025		12/24/2025		12/31/2025		Average	Maximum	
Lab pH		-	-	-	7.00	H	7.05	H	7.04	H	7.09	H	7.11	H	7.06	7.11	H
Iron, Dissolved	mg/L	-	-	-	0.034	J	0.029	J	0.0425		ND		0.0567		0.0406	0.0567	
Iron, Total	mg/L	-	-	-	0.0613		0.0499		0.024	J	0.024	J	0.0549		0.0398	0.0613	
Acenaphthene	mg/L	-	-	-	ND		ND		ND		0.000073	J	ND		0.000073	0.000073	J
Acenaphthylene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Benzo(a)anthracene	mg/L	-	-	-	ND		ND		ND		0.00009	J	ND		0.00009	0.00009	J
Benzo(a)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Chrysene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Fluoranthene	mg/L	-	-	-	ND		ND		ND		0.00028	J	ND		0.00028	0.00028	J
Fluorene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
m,p-Cresol	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
o-Cresol	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Phenanthrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Pyrene	mg/L	-	-	-	ND		ND		ND		0.0002		ND		0.0002	0.0002	
Total PNAs except Naphthalene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Benzene	µg/L	-	-	-	1.0		0.7		0.7		2.4		1.8		1.3	2.4	
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		0.1	J	ND		ND		0.1	0.1	J
Xylenes, Total	µg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	

ND=Not detected above the project acceptable detection limit
J = Estimated concentration
H = Holding times exceeded

Effluent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
December 2025

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	12/3/2025		12/10/2025		12/17/2025		12/24/2025		12/31/2025		Average	Maximum	
Lab pH		-	-	-	7.68	H	7.03	H	7.11	H	7.65	H	7.75	H	7.44	7.75	H
Iron, Dissolved	mg/L	-	1	-	ND		ND		ND		ND		ND		ND	ND	
Iron, Total	mg/L	2	4	-	ND		ND		ND		ND		ND		ND	ND	
Acenaphthene	mg/L	-	0.0608	-	ND		ND		ND		ND		ND		ND	ND	
Acenaphthylene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Anthracene	mg/L	-	0.0023	-	ND		ND		ND		ND		ND		ND	ND	
Benzo(a)anthracene	mg/L	-	0.001	-	ND	H	ND	H	ND		ND		ND		ND	ND	
Benzo(a)pyrene	mg/L	-	0.0005	-	ND		ND		ND		ND		ND		ND	ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND	H	ND		ND	R	ND		ND	ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND		ND	R	ND	ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Chrysene	mg/L	-	-	-	ND		ND	H	ND		ND		ND		ND	ND	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND	R	ND	ND	
Fluoranthene	mg/L	0.053	0.398	-	ND	H	ND	H	ND		ND		ND	R	ND	ND	
Fluorene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND	R	ND	ND	
m,p-Cresol	mg/L	-	1.9	-	ND		ND		ND		ND		ND	R	ND	ND	
o-Cresol	mg/L	-	1.9	-	ND		ND		ND		ND		ND	R	ND	ND	
Phenanthrene	mg/L	-	0.01	-	ND		ND		ND		ND		ND		ND	ND	
Pyrene	mg/L	-	-	-	ND	H	ND	H	ND		ND		ND	R	ND	ND	
Total PNAs except Naphthalene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Benzene	µg/L	-	50	-	0.1	J	ND		ND	S	ND		ND		0.1	0.1	J
Ethylbenzene	µg/L	17	216	-	ND		ND		ND	S	ND		ND		ND	ND	
m,p-Xylenes	µg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Naphthalene	µg/L	-	670	-	ND		ND		ND		ND		ND		ND	ND	
o-Xylene	µg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Toluene	µg/L	70	750	-	ND		ND		ND		ND		ND		ND	ND	
Xylenes, Total	µg/L	117	750	-	ND		ND		ND		ND		ND		ND	ND	

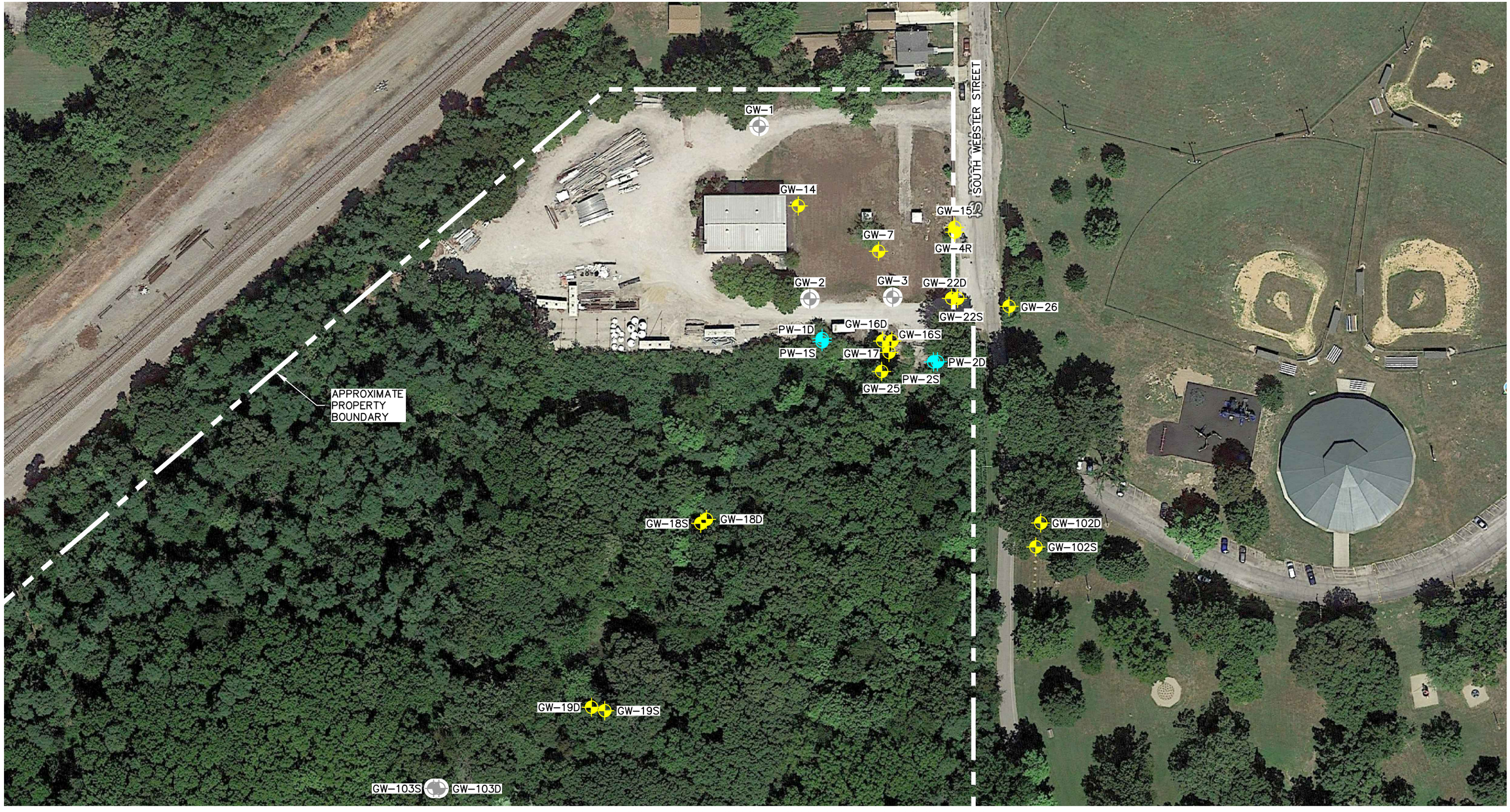
ND=Not detected above the project acceptable detection limit
J = Estimated concentration
R=RPD outside acceptable recovery limits
S=MS/MSD recovery outside control limits
H = Holding times exceeded

Trip Blank
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
December 2025

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	12/3/2025	12/10/2025	12/17/2025	12/24/2025	12/31/2025	Average	Maximum
Benzene	µg/L	-	-	-	ND	0.1 J	ND	ND	ND	0.1	0.1 J
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	0.2 J	ND	ND	0.2	0.2 J
Xylenes, Total	µg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND

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

MONITORING WELL LOCATION MAP



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

LEGEND

- MONITORING WELL
- PERFORMANCE MONITORING WELL
- ABANDONED MONITORING WELL

N

0 100 200

SCALE (IN FEET)

Drawn By FAK	ERM	FORMER CIPS MGP SITE 917 SOUTH WEBSTER STREET TAYLORVILLE, ILLINOIS	CHK'D MA
CADD Review ERM			0721631
Date Drawn/Rev'd 4/3/24		Environmental Resources Management	FIGURE 1

1968 Craig Road
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Saint Louis, MO 63146

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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
15 January 2026

SUBJECT
Year 2025 Quarter 4 Groundwater Sampling Results
Former MGP Site – Taylorville, Illinois

REFERENCE
0760991

Dear Mr. Martin:

Environmental Resources Management, Inc. (ERM) has completed the fourth quarter 2025 groundwater sampling event 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 11 November through 13 November 2025.

METHODOLOGY

During fourth quarter 2025 groundwater sampling event, groundwater samples were collected from 17 monitoring wells, which includes six (6) monitoring wells inside the parent parcel, four (4) of which are located inside the Site boundary; nine (9) monitoring wells south of the parent parcel on Ameren-owned parcels; and two (2) 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 11 November 2025 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 all monitoring wells, apart from GW-4R and GW-20, 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 (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. Upon completion of purging, the YSI flow cell was disconnected from the disposable polyethylene tubing prior to the collection of each sample.

Due to the low volume observed at GW-4R and GW-20, a dedicated bailer was used to purge and sample these monitoring wells. For the purging of these monitoring wells, the dedicated 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 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.

Turbid groundwater has been observed consistently during purging and sampling of monitoring well GW-20. To determine if the turbidity has potentially biased historically observed polycyclic aromatic hydrocarbon (PAH) concentrations in samples collected from this monitoring well, an additional field-filtered sample (GW-20FF-WG-20251112) was collected from this monitoring well. For the collection of this sample, the groundwater from the dedicated bailer was filtered through a factory-sealed 0.45-micron field filter into the laboratory provided containers.

During the fourth quarter 2025 groundwater sampling event, the dedicated bailer for monitoring well GW-20 was replaced with a new factory sealed bailer. Prior to purging and sampling this monitoring well, an equipment blank sample (EQB-002) was collected on the new bailer.

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), two (2) equipment blanks, and two (2) trip blanks. Blind duplicate samples were collected from monitoring wells GW-4R and GW-7. These duplicate samples are identified on the chain-of-custody and analytical report as DUP-001 (GW-7), 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 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 fourth quarter 2025 groundwater sampling event ranged from 3.96 to 20.03 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 11 November 2025, 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 598.71 feet AMSL, indicating that groundwater in this area flows toward the extraction well.

The groundwater contours shown on Figure 3 were developed using the groundwater elevations measured on 11 November 2025. For nested pair monitoring wells, groundwater elevations measured from the shallow monitoring wells were used in the development of the groundwater contours 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 in 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 fourth quarter 2025 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 data validation, one (1) sample required rejection. The duplicate sample collected from GW-4R (DUP-002) was suspected to contain a laboratory dilution factor

error in the 8260B (VOC) analysis. The affected results are not considered representative results and are rejected. The associated results are qualified with 'RJ'. Additional detail is provided in the data validation summary provided in Attachment E.

Aside from the rejected sample, 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 'UJ' qualifier, added following data validation by ERM, indicates that the result is non-detected, and the reporting limit estimated. These qualifiers were applied to sample results in the summary table provided in Attachment C. The data validation summary for fourth quarter 2025 groundwater sampling event results is provided as Attachment E.

ANALYTICAL RESULTS

Analytical results from the groundwater samples collected during fourth quarter 2025 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 fourth quarter 2025 sampling event are provided as Attachment A. Attachment C contains the validated analytical data summary for the fourth quarter 2025 sampling event. Attachment D contains the historical data summary for the site monitoring wells from the period of February 2021 through November 2025.

Of the 17 monitoring wells sampled during the fourth quarter 2025 groundwater sampling event, samples at six (6) monitoring wells contained exceedances of Site CUOs.

Site Monitoring Wells

GW-4R

Benzene, ethylbenzene, naphthalene, methylene chloride, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene were detected in the primary and or duplicate groundwater samples 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 and bis(2-ethylhexyl)phthalate were detected in the primary and duplicate groundwater samples collected at GW-7 exceeding CUOs. These findings are

consistent with what has been observed during past quarterly groundwater sampling events.

GW-14

Bis(2-ethylhexyl)phthalate was detected in the groundwater sample collected at GW-14 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, and GW-26. These groundwater samples did not have any exceedances of the CUOs, with three (3) exceptions discussed below.

GW-18S

The groundwater sample collected from GW-18S contained a detection of bis(2-ethylhexyl)phthalate exceeding the CUO. This constituent has been previously detected above the CUO from groundwater samples collected from this monitoring well.

GW-26

Groundwater sample collected from monitoring well GW-26 contained an estimated detection of benzo(b)fluoranthene (0.00019 mg/L) exceeding the CUO (0.00018 mg/L). Additional PAHs and VOCs were detected above and below the reporting limit in this sample, below CUOs.

This finding is not consistent with previous quarterly sampling events. Laboratory analytical data between February 2021 through August 2025 indicate inconsistent detections and estimated detections of VOCs and PAHs in samples collected from this monitoring well, however no previous exceedances of ROD CUOs were reported.

GW-20

Consistent with previous quarterly groundwater sampling events, in the unfiltered groundwater sample collected from GW-20, PAHs including benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene and indeno(1,2,3-cd)pyrene were detected at concentrations exceeding the CUOs.

PAHs were not detected above laboratory reporting limits in the filtered groundwater sample collected from GW-20 (GW-20FF). This finding supports the assumption that the detected PAHs in the unfiltered sample collected from this monitoring well are biased high due to suspended sediment observed in the sample and are not related to groundwater transport from the former MGP site.

Bis(2-ethylhexyl)phthalate

Bis(2-ethylhexyl)phthalate has historically been observed in samples collected from monitoring wells on and off the Site. This compound is not considered to be an MGP constituent. The detections of this compound are more likely to reflect background, laboratory, or sample methodology influences.

CONCLUSION

ERM conducted the fourth quarter 2025 groundwater sampling event at the Site from 11 November through 13 November 2025. Samples and groundwater level measurements were collected from 17 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 monitoring wells GW-4R, GW-7 and GW-26. Groundwater samples collected from GW-4R continue to exhibit the highest concentrations of COCs.

The minor exceedance of the CUO for benzo(b)fluoranthene in the groundwater sample collected from GW-26 is based on the laboratory-estimated concentration and is not consistent with previous quarterly sampling events. Laboratory analytical data from samples collected from GW-26 between February 2021 through August 2025 does not indicate any previous exceedances of ROD CUOs. Review of the field documentation, and inquiry to the laboratory did not reveal potential sources of field or laboratory error to explain the anomalous results. Continued quarterly sampling in 2026 will identify if these results were isolated and anomalous, or if they represent a reproducible finding.

Groundwater samples collected from GW-7, GW-14, and GW-18D contain detections of bis(2-ethylhexyl)phthalate exceeding the ROD CUO. However, this constituent is not an MGP COC, and the detections of this constituent likely reflect background, laboratory, or sample methodology influences.

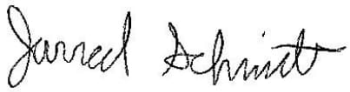
The unfiltered groundwater samples collected from GW-20 contained detections of PAHs above CUOs. These results are related to suspended sediment that has historically been observed in groundwater purged from GW-20. To verify sample turbidity as the source of the PAHs, a filtered groundwater sample (GW-20FF) was also collected from GW-20. PAHs were not detected above laboratory reporting limits in the field filtered sample which supports the assumption that historically observed PAH detections in unfiltered samples collected from GW-20 reflect PAHs from suspended solids rather than dissolved PAHs in the groundwater and therefore are not related to the former MGP site.

The formal request to exclude GW-20 from future groundwater monitoring events and abandon the monitoring well was submitted to the IEPA in a letter dated 15 October 2025. This request was approved by IEPA in a letter dated 10 November 2025. Therefore, GW-20 will be abandoned in accordance with the Illinois Department of Public Health Guidelines and excluded from future groundwater monitoring events.

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

Sincerely,

Michael Abegg, RG (MO)
Managing Consultant



Jarred Schmidt
Principal Consultant

Dan Wilkens, PG
Partner

TABLE OF CONTENTS

FIGURES

DRAWN BY: Shannon Long

Legend

- Monitoring Well
- Annual Well
- Abandoned Monitoring Well
- East Extraction Well (Abandoned)
- West Extraction Well
- Remediation Site Boundary
- Ameren Owned Parcel

NOTES:

1. Aerial Imagery: Esri - World Topoographic Map
2. Monitoring wells: Sampled during Quarterly and Annual Groundwater Monitoring events
3. Annual well: Sampled during Annual Groundwater Monitoring event only.

Figure 1
Onsite and Adjacent Monitoring Wells
Ameren Taylorville MGP Site
Taylorville Township
Christian County, IL

Environmental Resources Management
www.erm.com
ERM

Source: Esri - World Topoographic Map; NAD 1983 2011 StatePlane Illinois West FIPS 1202 Ft US

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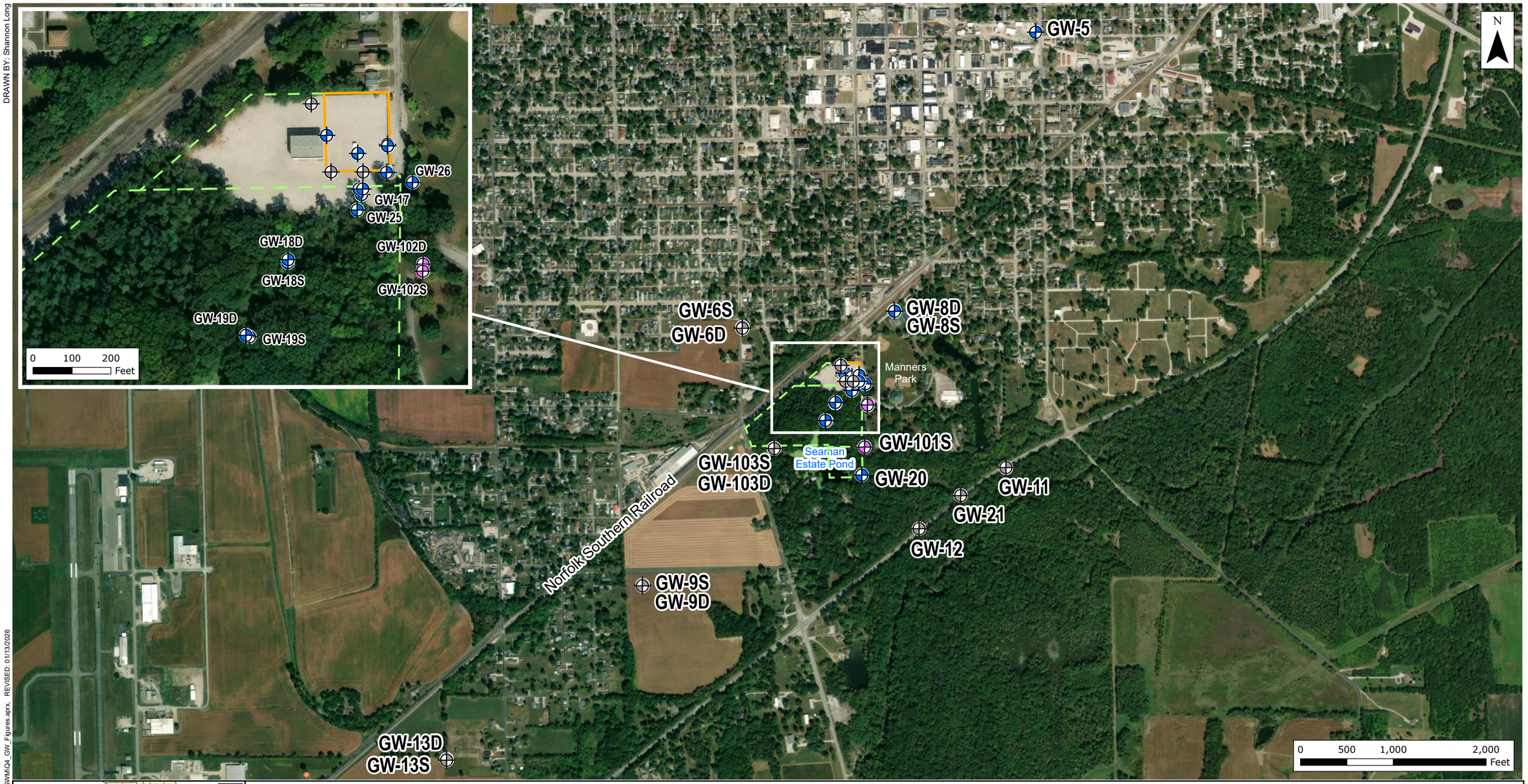
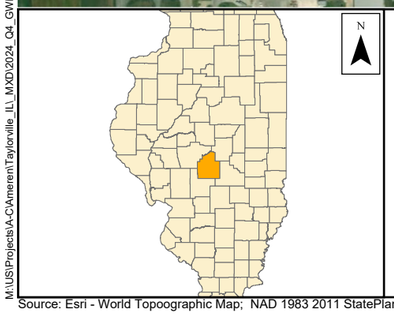
DRAWN BY: Shannon Long





Legend

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

NOTES:

1. GW-8S and GW-8D not included in Quarterly or Annual Groundwater Monitoring.
2. Monitoring wells: Sampled during Quarterly and Annual Groundwater Monitoring events
3. Annual well: Sampled during Annual Groundwater Monitoring event only.
4. Aerial Imagery: Esri - World Topographic Map

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

Environmental Resources Management
www.erm.com

Source: Esri - World Topoographic Map; NAD 1983 2011 StatePlane Illinois West FIPS 1202 Ft US

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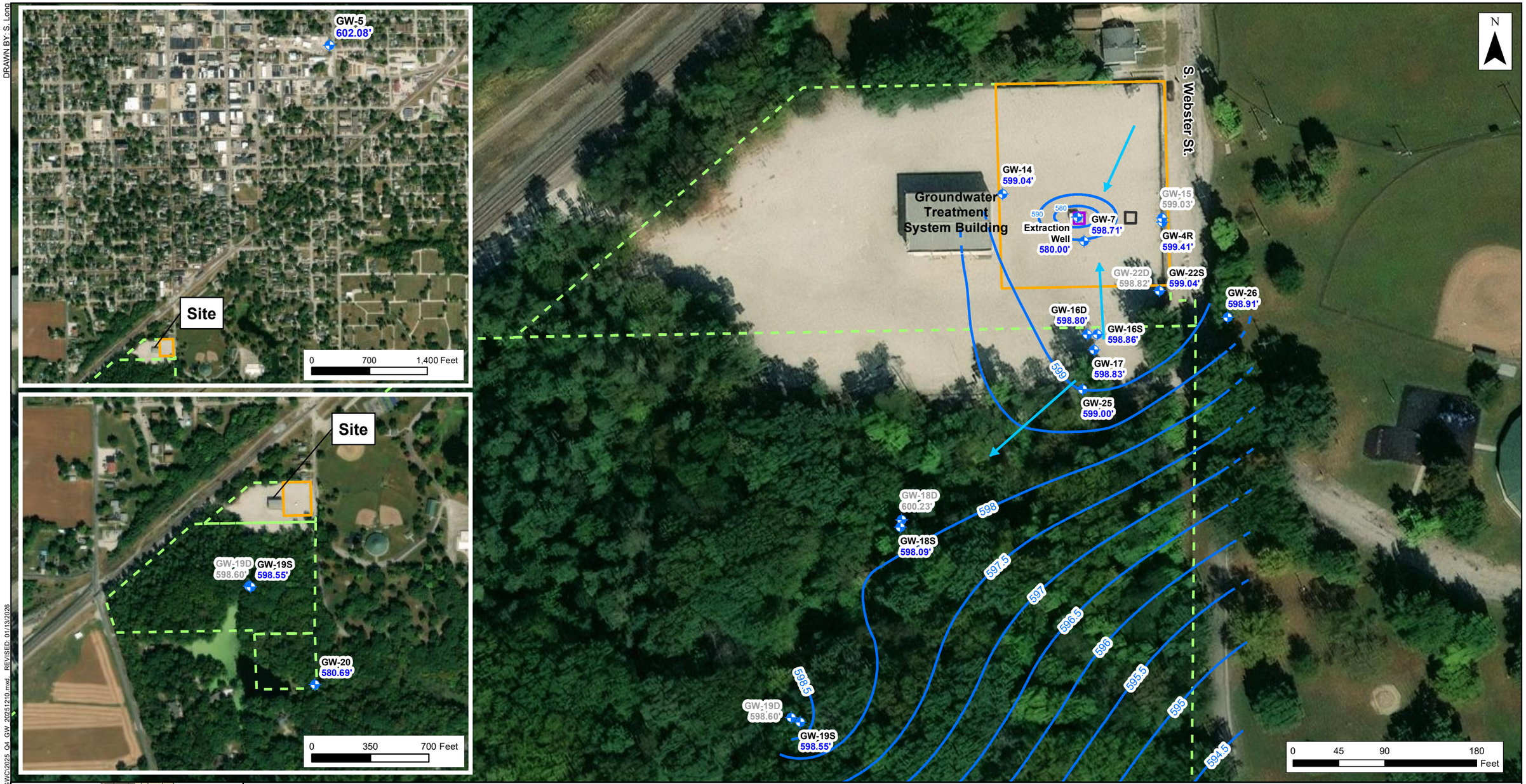

Legend

- Monitoring Well
- Groundwater Contour
- Estimated Groundwater Contour
- Groundwater Flow Direction
- East Extraction Well (Abandoned)
- West Extraction Well
- Remediation Site Boundary
- Ameren Owned Parcel

NOTES:
1. GW-15, GW-18D, GW-19D, and GW-22D were not used for contouring.
2. Groundwater elevation for West Extraction Well was measured at 580 ft. on November 11, 2025.
3. Depths to groundwater were measured November 11, 2025.
4. Aerial Imagery: Esri - World Topoographic Map

Figure 3
Groundwater Contour Map
Ameren Taylorville MGP Site
Taylorville Township
Christian County, IL

Environmental Resources Management
www.erm.com

Source: Esri - World Topoographic Map; NAD 1983 2011 StatePlane Illinois West FIPS 1202 Ft US

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DRAWN BY: S. Long

ATTACHMENT A ANALYTICAL LAB REPORT

November 21, 2025

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

Illinois	100226
Illinois	1004652024-2
Kansas	E-10438
Kansas	E-10374
Louisiana	05002
Louisiana	05003
Oklahoma	9978

RE: Ameren Taylorville 4th Qtr 2025 **WorkOrder:** 25111223

Dear Michael Abegg:

TEKLAB, INC received 23 samples on 11/13/2025 4:02:00 PM for the analysis presented in the following report.

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

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

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

Sincerely,

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

Client: ERM

Work Order: 25111223

Client Project: Ameren Taylorville 4th Qtr 2025

Report Date: 21-Nov-25

This reporting package includes the following:

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

Abbr	Definition
*	Analytes on report marked with an asterisk are not NELAP accredited
CCV	Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.
CRQL	A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.
DF	Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.
DNI	Did not ignite
DUP	Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.
ICV	Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
IDPH	IL Dept. of Public Health
LCS	Laboratory control sample is a sample matrix, free from the analytes of interest,spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.
LCSD	Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MBLK	Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.
MDL	"The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."
MS	Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).
MSD	Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MW	Molecular weight
NC	Data is not acceptable for compliance purposes
ND	Not Detected at the Reporting Limit
NELAP	NELAP Accredited
PQL	Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.
RL	The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.
RPD	Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).
SPK	The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.
Surr	Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.
TIC	Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"
TNTC	Too numerous to count (> 200 CFU)

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

Qualifiers

- # - Unknown hydrocarbon
- B - Analyte detected in associated Method Blank
- C - RL shown is a Client Requested Quantitation Limit
- E - Value above quantitation range
- H - Holding times exceeded
- I - Associated internal standard was outside method criteria
- J - Analyte detected below quantitation limits
- M - Manual Integration used to determine area response
- ND - Not Detected at the Reporting Limit
- R - RPD outside accepted recovery limits
- S - Spike Recovery outside recovery limits
- T - TIC(Tentatively identified compound)
- X - Value exceeds Maximum Contaminant Level

Case Narrative

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 4th Qtr 2025

Work Order: 25111223

Report Date: 21-Nov-25

Cooler Receipt Temp: 5.1 °C

Locations

Collinsville

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

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Phone (217) 698-1004
Fax (217) 698-1005
Email KKlostermann@teklabinc.com

Kansas City

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

Collinsville Air

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

Chicago

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

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2026	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2026	Collinsville
Kansas	KDHE	E-10438	NELAP	7/31/2026	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2026	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2026	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2026	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2025	Collinsville
Arkansas	ADEQ	88-0966		3/14/2026	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2026	Collinsville
Kentucky	KWLCP	KY98050		12/31/2025	Collinsville
Kentucky	KWLCP	KY98006		12/31/2025	Collinsville
Kentucky	UST	0073		1/31/2026	Collinsville
Mississippi	MSDH			4/30/2026	Collinsville
Missouri	MDNR	930		1/31/2028	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

Lab ID: 25111223-001 **Client Sample ID:** GW-04R-WG-20251113

Matrix: GROUNDWATER **Collection Date:** 11/13/2025 14:10

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		**0.0188**	mg/L	100	11/20/2025 12:35	248175
Acenaphthylene	NELAP	0.00500	0.0100		**0.0117**	mg/L	100	11/20/2025 12:35	248175
Anthracene	NELAP	).000200	0.000300		**0.00403**	mg/L	1	11/18/2025 16:47	248053
Benzo(a)anthracene	NELAP	0.0070	0.010	J	**0.0074**	mg/L	100	11/20/2025 12:35	248175
Benzo(a)pyrene	NELAP	).000110	0.000200		**0.00156**	mg/L	1	11/18/2025 16:47	248053
Benzo(b)fluoranthene	NELAP	0.013	0.020	J	**0.016**	mg/L	100	11/20/2025 12:35	248175
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**0.00305**	mg/L	1	11/18/2025 16:47	248053
Benzo(k)fluoranthene	NELAP	).000120	0.000200		**0.00293**	mg/L	1	11/18/2025 16:47	248053
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	11/20/2025 10:17	248175
Chrysene	NELAP	0.0120	0.0200		**ND**	mg/L	100	11/20/2025 12:35	248175
Dibenzo(a,h)anthracene	NELAP	).000080	0.000100		**0.00190**	mg/L	1	11/18/2025 16:47	248053
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	11/18/2025 16:47	248053
Fluoranthene	NELAP	0.0270	0.0300		**ND**	mg/L	100	11/20/2025 12:35	248175
Fluorene	NELAP	0.0170	0.0200		**0.0808**	mg/L	100	11/20/2025 12:35	248175
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**0.00366**	mg/L	1	11/18/2025 16:47	248053
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	11/18/2025 16:47	248053
Naphthalene	NELAP	0.016	0.040	J	**0.040**	mg/L	100	11/20/2025 12:35	248175
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	11/18/2025 16:47	248053
Phenanthrene	NELAP	0.0530	0.0600		**0.118**	mg/L	100	11/20/2025 12:35	248175
Pyrene	NELAP	0.0180	0.0200		**ND**	mg/L	100	11/20/2025 12:35	248175
Surr: 2,4,6-Tribromophenol	*	0	31.7-161		**112.8**	%REC	1	11/18/2025 16:47	248053
Surr: 2-Fluorobiphenyl	*	0	37.7-123		**74.5**	%REC	1	11/18/2025 16:47	248053
Surr: 2-Fluorophenol	*	0	30-130		**79.7**	%REC	1	11/18/2025 16:47	248053
Surr: Nitrobenzene-d5	*	0	40.7-126		**73.6**	%REC	1	11/18/2025 16:47	248053
Surr: Phenol-d5	*	0	20.5-122		**75.1**	%REC	1	11/18/2025 16:47	248053
Surr: p-Terphenyl-d14	*	0	44-147		**106.7**	%REC	1	11/18/2025 16:47	248053

Elevated reporting limit due to high levels of target analytes.

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.50	5.00		**443**	µg/L	10	11/15/2025 6:53	248027
Bromoform	NELAP	0.90	2.00		**ND**	µg/L	10	11/15/2025 6:53	248027
Ethylbenzene	NELAP	1.00	10.0		**174**	µg/L	10	11/15/2025 6:53	248027
m,p-Xylenes	NELAP	2.20	10.0		**28.6**	µg/L	10	11/15/2025 6:53	248027
Methylene chloride	NELAP	8.70	20.0		**ND**	µg/L	10	11/15/2025 6:53	248027
Naphthalene	NELAP	5.70	20.0		**86.8**	µg/L	10	11/15/2025 6:53	248027
o-Xylene	NELAP	0.50	10.0		**118**	µg/L	10	11/15/2025 6:53	248027
Toluene	NELAP	1.00	20.0		**31.1**	µg/L	10	11/15/2025 6:53	248027
trans-1,2-Dichloroethene	NELAP	1.00	20.0		**ND**	µg/L	10	11/15/2025 6:53	248027
Xylenes, Total	NELAP	2.80	20.0		**147**	µg/L	10	11/15/2025 6:53	248027
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**104.0**	%REC	10	11/15/2025 6:53	248027
Surr: 4-Bromofluorobenzene	*	0	80-120		**98.4**	%REC	10	11/15/2025 6:53	248027
Surr: Dibromofluoromethane	*	0	80-120		**96.8**	%REC	10	11/15/2025 6:53	248027
Surr: Toluene-d8	*	0	80-120		**99.4**	%REC	10	11/15/2025 6:53	248027

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

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

Lab ID: 25111223-002 **Client Sample ID:** GW-05-WG-20251111

Matrix: GROUNDWATER **Collection Date:** 11/11/2025 13:55

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	11/17/2025 12:31	247950
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	11/17/2025 12:31	247950
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	11/17/2025 12:31	247950
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	11/17/2025 12:31	247950
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	11/17/2025 12:31	247950
Benzo(b)fluoranthene	NELAP	).000130	0.000200		**ND**	mg/L	1	11/17/2025 12:31	247950
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/17/2025 12:31	247950
Benzo(k)fluoranthene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/17/2025 12:31	247950
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	11/17/2025 12:31	247950
Chrysene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/17/2025 12:31	247950
Dibenzo(a,h)anthracene	NELAP	).000080	0.000100		**ND**	mg/L	1	11/17/2025 12:31	247950
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	11/17/2025 12:31	247950
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	11/17/2025 12:31	247950
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	11/17/2025 12:31	247950
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	11/17/2025 12:31	247950
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	11/17/2025 12:31	247950
Naphthalene	NELAP	).000160	0.000400		**ND**	mg/L	1	11/17/2025 12:31	247950
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	11/17/2025 12:31	247950
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	11/17/2025 12:31	247950
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	11/17/2025 12:31	247950
Surr: 2,4,6-Tribromophenol	*	0	31.7-161		**93.5**	%REC	1	11/17/2025 12:31	247950
Surr: 2-Fluorobiphenyl	*	0	37.7-123		**82.3**	%REC	1	11/17/2025 12:31	247950
Surr: 2-Fluorophenol	*	0	30-130		**120.1**	%REC	1	11/17/2025 12:31	247950
Surr: Nitrobenzene-d5	*	0	40.7-126		**94.6**	%REC	1	11/17/2025 12:31	247950
Surr: Phenol-d5	*	0	20.5-122		**69.4**	%REC	1	11/17/2025 12:31	247950
Surr: p-Terphenyl-d14	*	0	44-147		**99.4**	%REC	1	11/17/2025 12:31	247950

LCS recovered outside upper control limits for Bis(2-ethylhexyl)phthalate and Di-n-butyl phthalate. Sample results are below the reporting limit. Data is reportable per the TNI Standard.

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	11/14/2025 22:06	248027
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	11/14/2025 22:06	248027
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	11/14/2025 22:06	248027
m,p-Xylenes	NELAP	0.22	1.00		**ND**	µg/L	1	11/14/2025 22:06	248027
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	11/14/2025 22:06	248027
Naphthalene	NELAP	0.57	2.00		**ND**	µg/L	1	11/14/2025 22:06	248027
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	11/14/2025 22:06	248027
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	11/14/2025 22:06	248027
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	11/14/2025 22:06	248027
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	11/14/2025 22:06	248027
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**101.4**	%REC	1	11/14/2025 22:06	248027
Surr: 4-Bromofluorobenzene	*	0	80-120		**98.2**	%REC	1	11/14/2025 22:06	248027
Surr: Dibromofluoromethane	*	0	80-120		**99.5**	%REC	1	11/14/2025 22:06	248027
Surr: Toluene-d8	*	0	80-120		**99.7**	%REC	1	11/14/2025 22:06	248027

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

Lab ID: 25111223-003 **Client Sample ID:** GW-07-WG-20251111

Matrix: GROUNDWATER **Collection Date:** 11/11/2025 17:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**0.000220**	mg/L	1	11/17/2025 13:12	247950
Acenaphthylene	NELAP	).000050	0.000100		**0.000217**	mg/L	1	11/17/2025 13:12	247950
Anthracene	NELAP	).000200	0.000300		**0.00233**	mg/L	1	11/17/2025 13:12	247950
Benzo(a)anthracene	NELAP	).000070	0.000100		**0.000347**	mg/L	1	11/17/2025 13:12	247950
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	11/17/2025 13:12	247950
Benzo(b)fluoranthene	NELAP	0.00013	0.00020	J	**0.00017**	mg/L	1	11/17/2025 13:12	247950
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/17/2025 13:12	247950
Benzo(k)fluoranthene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/17/2025 13:12	247950
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**0.00471**	mg/L	1	11/17/2025 13:12	247950
Chrysene	NELAP	).000120	0.000200		**0.000240**	mg/L	1	11/17/2025 13:12	247950
Dibenzo(a,h)anthracene	NELAP	).000080	0.000100		**0.000134**	mg/L	1	11/17/2025 13:12	247950
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	11/17/2025 13:12	247950
Fluoranthene	NELAP	).000270	0.000300		**0.00110**	mg/L	1	11/17/2025 13:12	247950
Fluorene	NELAP	).000170	0.000200		**0.000487**	mg/L	1	11/17/2025 13:12	247950
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	11/17/2025 13:12	247950
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	11/17/2025 13:12	247950
Naphthalene	NELAP	).000160	0.000400		**ND**	mg/L	1	11/17/2025 13:12	247950
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	11/17/2025 13:12	247950
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	11/17/2025 13:12	247950
Pyrene	NELAP	).000180	0.000200		**0.00392**	mg/L	1	11/17/2025 13:12	247950
Surr: 2,4,6-Tribromophenol	*	0	31.7-161		**92.4**	%REC	1	11/17/2025 13:12	247950
Surr: 2-Fluorobiphenyl	*	0	37.7-123		**79.6**	%REC	1	11/17/2025 13:12	247950
Surr: 2-Fluorophenol	*	0	30-130		**118.9**	%REC	1	11/17/2025 13:12	247950
Surr: Nitrobenzene-d5	*	0	40.7-126		**90.1**	%REC	1	11/17/2025 13:12	247950
Surr: Phenol-d5	*	0	20.5-122		**71.7**	%REC	1	11/17/2025 13:12	247950
Surr: p-Terphenyl-d14	*	0	44-147		**96.4**	%REC	1	11/17/2025 13:12	247950
LCS recovered outside upper control limits for Bis(2-ethylhexyl)phthalate and Di-n-butyl phthalate. Insufficient sample to re-extract.									
SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	11/14/2025 22:31	248027
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	11/14/2025 22:31	248027
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	11/14/2025 22:31	248027
m,p-Xylenes	NELAP	0.22	1.00		**ND**	µg/L	1	11/14/2025 22:31	248027
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	11/14/2025 22:31	248027
Naphthalene	NELAP	0.57	2.00		**ND**	µg/L	1	11/14/2025 22:31	248027
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	11/14/2025 22:31	248027
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	11/14/2025 22:31	248027
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	11/14/2025 22:31	248027
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	11/14/2025 22:31	248027
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**101.6**	%REC	1	11/14/2025 22:31	248027
Surr: 4-Bromofluorobenzene	*	0	80-120		**97.8**	%REC	1	11/14/2025 22:31	248027
Surr: Dibromofluoromethane	*	0	80-120		**99.6**	%REC	1	11/14/2025 22:31	248027
Surr: Toluene-d8	*	0	80-120		**99.1**	%REC	1	11/14/2025 22:31	248027

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

Lab ID: 25111223-004 **Client Sample ID:** GW-14-WG-20251113

Matrix: GROUNDWATER **Collection Date:** 11/13/2025 11:32

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	11/17/2025 13:52	247950
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	11/17/2025 13:52	247950
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	11/17/2025 13:52	247950
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	11/17/2025 13:52	247950
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	11/17/2025 13:52	247950
Benzo(b)fluoranthene	NELAP	).000130	0.000200		**ND**	mg/L	1	11/17/2025 13:52	247950
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/17/2025 13:52	247950
Benzo(k)fluoranthene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/17/2025 13:52	247950
Bis(2-ethylhexyl)phthalate	NELAP	0.00286	0.00400		**0.00725**	mg/L	2	11/20/2025 9:01	247950
Chrysene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/17/2025 13:52	247950
Dibenzo(a,h)anthracene	NELAP	).000080	0.000100		**ND**	mg/L	1	11/17/2025 13:52	247950
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	11/17/2025 13:52	247950
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	11/17/2025 13:52	247950
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	11/17/2025 13:52	247950
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	11/17/2025 13:52	247950
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	11/17/2025 13:52	247950
Naphthalene	NELAP	).000160	0.000400		**ND**	mg/L	1	11/17/2025 13:52	247950
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	11/17/2025 13:52	247950
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	11/17/2025 13:52	247950
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	11/17/2025 13:52	247950
Surr: 2,4,6-Tribromophenol	*	0	31.7-161		**92.6**	%REC	1	11/17/2025 13:52	247950
Surr: 2-Fluorobiphenyl	*	0	37.7-123		**84.2**	%REC	1	11/17/2025 13:52	247950
Surr: 2-Fluorophenol	*	0	30-130		**119.9**	%REC	1	11/17/2025 13:52	247950
Surr: Nitrobenzene-d5	*	0	40.7-126		**93.0**	%REC	1	11/17/2025 13:52	247950
Surr: Phenol-d5	*	0	20.5-122		**68.0**	%REC	1	11/17/2025 13:52	247950
Surr: p-Terphenyl-d14	*	0	44-147		**98.7**	%REC	1	11/17/2025 13:52	247950
LCS recovered outside upper control limits for Bis(2-ethylhexyl)phthalate and Di-n-butyl phthalate. Insufficient sample to re-extract.									
SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	11/14/2025 22:56	248027
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	11/14/2025 22:56	248027
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	11/14/2025 22:56	248027
m,p-Xylenes	NELAP	0.22	1.00		**ND**	µg/L	1	11/14/2025 22:56	248027
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	11/14/2025 22:56	248027
Naphthalene	NELAP	0.57	2.00		**ND**	µg/L	1	11/14/2025 22:56	248027
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	11/14/2025 22:56	248027
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	11/14/2025 22:56	248027
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	11/14/2025 22:56	248027
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	11/14/2025 22:56	248027
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**101.4**	%REC	1	11/14/2025 22:56	248027
Surr: 4-Bromofluorobenzene	*	0	80-120		**98.4**	%REC	1	11/14/2025 22:56	248027
Surr: Dibromofluoromethane	*	0	80-120		**98.3**	%REC	1	11/14/2025 22:56	248027
Surr: Toluene-d8	*	0	80-120		**99.1**	%REC	1	11/14/2025 22:56	248027

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

Lab ID: 25111223-005 **Client Sample ID:** GW-15-WG-20251113

Matrix: GROUNDWATER **Collection Date:** 11/13/2025 13:42

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	11/17/2025 15:50	247950
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	11/17/2025 15:50	247950
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	11/17/2025 15:50	247950
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	11/17/2025 15:50	247950
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	11/17/2025 15:50	247950
Benzo(b)fluoranthene	NELAP	).000130	0.000200		**ND**	mg/L	1	11/17/2025 15:50	247950
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/17/2025 15:50	247950
Benzo(k)fluoranthene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/17/2025 15:50	247950
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	11/17/2025 15:50	247950
Chrysene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/17/2025 15:50	247950
Dibenzo(a,h)anthracene	NELAP	).000080	0.000100		**ND**	mg/L	1	11/17/2025 15:50	247950
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	11/17/2025 15:50	247950
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	11/17/2025 15:50	247950
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	11/17/2025 15:50	247950
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	11/17/2025 15:50	247950
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	11/17/2025 15:50	247950
Naphthalene	NELAP	).000160	0.000400		**ND**	mg/L	1	11/17/2025 15:50	247950
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	11/17/2025 15:50	247950
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	11/17/2025 15:50	247950
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	11/17/2025 15:50	247950
Surr: 2,4,6-Tribromophenol	*	0	31.7-161		**92.4**	%REC	1	11/17/2025 15:50	247950
Surr: 2-Fluorobiphenyl	*	0	37.7-123		**81.4**	%REC	1	11/17/2025 15:50	247950
Surr: 2-Fluorophenol	*	0	30-130		**84.4**	%REC	1	11/17/2025 15:50	247950
Surr: Nitrobenzene-d5	*	0	40.7-126		**84.7**	%REC	1	11/17/2025 15:50	247950
Surr: Phenol-d5	*	0	20.5-122		**77.6**	%REC	1	11/17/2025 15:50	247950
Surr: p-Terphenyl-d14	*	0	44-147		**92.2**	%REC	1	11/17/2025 15:50	247950

LCS recovered outside upper control limits for Bis(2-ethylhexyl)phthalate and Di-n-butyl phthalate. Sample results are below the reporting limit. Data is reportable per the TNI Standard.

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	11/14/2025 23:21	248027
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	11/14/2025 23:21	248027
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	11/14/2025 23:21	248027
m,p-Xylenes	NELAP	0.22	1.00		**ND**	µg/L	1	11/14/2025 23:21	248027
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	11/14/2025 23:21	248027
Naphthalene	NELAP	0.57	2.00		**ND**	µg/L	1	11/14/2025 23:21	248027
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	11/14/2025 23:21	248027
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	11/14/2025 23:21	248027
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	11/14/2025 23:21	248027
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	11/14/2025 23:21	248027
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**101.6**	%REC	1	11/14/2025 23:21	248027
Surr: 4-Bromofluorobenzene	*	0	80-120		**98.5**	%REC	1	11/14/2025 23:21	248027
Surr: Dibromofluoromethane	*	0	80-120		**98.9**	%REC	1	11/14/2025 23:21	248027
Surr: Toluene-d8	*	0	80-120		**99.2**	%REC	1	11/14/2025 23:21	248027

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

Lab ID: 25111223-006 **Client Sample ID:** GW-16S-WG-20251112

Matrix: GROUNDWATER **Collection Date:** 11/12/2025 9:47

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	11/17/2025 16:29	247950
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	11/17/2025 16:29	247950
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	11/17/2025 16:29	247950
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	11/17/2025 16:29	247950
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	11/17/2025 16:29	247950
Benzo(b)fluoranthene	NELAP	).000130	0.000200		**ND**	mg/L	1	11/17/2025 16:29	247950
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/17/2025 16:29	247950
Benzo(k)fluoranthene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/17/2025 16:29	247950
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	11/17/2025 16:29	247950
Chrysene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/17/2025 16:29	247950
Dibenzo(a,h)anthracene	NELAP	).000080	0.000100		**ND**	mg/L	1	11/17/2025 16:29	247950
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	11/17/2025 16:29	247950
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	11/17/2025 16:29	247950
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	11/17/2025 16:29	247950
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	11/17/2025 16:29	247950
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	11/17/2025 16:29	247950
Naphthalene	NELAP	).000160	0.000400		**ND**	mg/L	1	11/17/2025 16:29	247950
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	11/17/2025 16:29	247950
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	11/17/2025 16:29	247950
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	11/17/2025 16:29	247950
Surr: 2,4,6-Tribromophenol	*	0	31.7-161		**95.7**	%REC	1	11/17/2025 16:29	247950
Surr: 2-Fluorobiphenyl	*	0	37.7-123		**87.1**	%REC	1	11/17/2025 16:29	247950
Surr: 2-Fluorophenol	*	0	30-130		**87.5**	%REC	1	11/17/2025 16:29	247950
Surr: Nitrobenzene-d5	*	0	40.7-126		**86.4**	%REC	1	11/17/2025 16:29	247950
Surr: Phenol-d5	*	0	20.5-122		**79.2**	%REC	1	11/17/2025 16:29	247950
Surr: p-Terphenyl-d14	*	0	44-147		**97.8**	%REC	1	11/17/2025 16:29	247950

LCS recovered outside upper control limits for Bis(2-ethylhexyl)phthalate and Di-n-butyl phthalate. Sample results are below the reporting limit. Data is 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	11/14/2025 23:46	248027
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	11/14/2025 23:46	248027
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	11/14/2025 23:46	248027
m,p-Xylenes	NELAP	0.22	1.00		**ND**	µg/L	1	11/14/2025 23:46	248027
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	11/14/2025 23:46	248027
Naphthalene	NELAP	0.57	2.00		**ND**	µg/L	1	11/14/2025 23:46	248027
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	11/14/2025 23:46	248027
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	11/14/2025 23:46	248027
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	11/14/2025 23:46	248027
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	11/14/2025 23:46	248027
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**101.6**	%REC	1	11/14/2025 23:46	248027
Surr: 4-Bromofluorobenzene	*	0	80-120		**98.3**	%REC	1	11/14/2025 23:46	248027
Surr: Dibromofluoromethane	*	0	80-120		**98.7**	%REC	1	11/14/2025 23:46	248027
Surr: Toluene-d8	*	0	80-120		**99.3**	%REC	1	11/14/2025 23:46	248027

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

Lab ID: 25111223-007 **Client Sample ID:** GW-16D-WG-20251112

Matrix: GROUNDWATER **Collection Date:** 11/12/2025 8:45

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	11/17/2025 17:09	247950
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	11/17/2025 17:09	247950
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	11/17/2025 17:09	247950
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	11/17/2025 17:09	247950
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	11/17/2025 17:09	247950
Benzo(b)fluoranthene	NELAP	).000130	0.000200		**ND**	mg/L	1	11/17/2025 17:09	247950
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/17/2025 17:09	247950
Benzo(k)fluoranthene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/17/2025 17:09	247950
Bis(2-ethylhexyl)phthalate	NELAP	0.0014	0.0020	J	**0.0019**	mg/L	1	11/19/2025 10:22	248175
Chrysene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/17/2025 17:09	247950
Dibenzo(a,h)anthracene	NELAP	).000080	0.000100		**ND**	mg/L	1	11/17/2025 17:09	247950
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	11/17/2025 17:09	247950
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	11/17/2025 17:09	247950
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	11/17/2025 17:09	247950
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	11/17/2025 17:09	247950
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	11/17/2025 17:09	247950
Naphthalene	NELAP	).000160	0.000400		**ND**	mg/L	1	11/17/2025 17:09	247950
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	11/17/2025 17:09	247950
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	11/17/2025 17:09	247950
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	11/17/2025 17:09	247950
Surr: 2,4,6-Tribromophenol	*	0	31.7-161		**74.9**	%REC	1	11/17/2025 17:09	247950
Surr: 2-Fluorobiphenyl	*	0	37.7-123		**64.3**	%REC	1	11/17/2025 17:09	247950
Surr: 2-Fluorophenol	*	0	30-130		**66.4**	%REC	1	11/17/2025 17:09	247950
Surr: Nitrobenzene-d5	*	0	40.7-126		**65.9**	%REC	1	11/17/2025 17:09	247950
Surr: Phenol-d5	*	0	20.5-122		**60.0**	%REC	1	11/17/2025 17:09	247950
Surr: p-Terphenyl-d14	*	0	44-147		**74.6**	%REC	1	11/17/2025 17:09	247950
LCS recovered outside upper control limits for Di-n-butyl phthalate. Sample results are below the reporting limit. Data is reportable per the TNI Standard.									
SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50	J	**0.20**	µg/L	1	11/15/2025 0:11	248027
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	11/15/2025 0:11	248027
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	11/15/2025 0:11	248027
m,p-Xylenes	NELAP	0.22	1.00		**ND**	µg/L	1	11/15/2025 0:11	248027
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	11/15/2025 0:11	248027
Naphthalene	NELAP	0.57	2.00		**ND**	µg/L	1	11/15/2025 0:11	248027
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	11/15/2025 0:11	248027
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	11/15/2025 0:11	248027
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	11/15/2025 0:11	248027
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	11/15/2025 0:11	248027
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**101.9**	%REC	1	11/15/2025 0:11	248027
Surr: 4-Bromofluorobenzene	*	0	80-120		**98.7**	%REC	1	11/15/2025 0:11	248027
Surr: Dibromofluoromethane	*	0	80-120		**99.1**	%REC	1	11/15/2025 0:11	248027
Surr: Toluene-d8	*	0	80-120		**99.2**	%REC	1	11/15/2025 0:11	248027

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

Lab ID: 25111223-008 **Client Sample ID:** GW-17-WG-20251112

Matrix: GROUNDWATER **Collection Date:** 11/12/2025 11:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	11/17/2025 17:48	247950
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	11/17/2025 17:48	247950
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	11/17/2025 17:48	247950
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	11/17/2025 17:48	247950
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	11/17/2025 17:48	247950
Benzo(b)fluoranthene	NELAP	).000130	0.000200		**ND**	mg/L	1	11/17/2025 17:48	247950
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/17/2025 17:48	247950
Benzo(k)fluoranthene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/17/2025 17:48	247950
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	11/17/2025 17:48	247950
Chrysene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/17/2025 17:48	247950
Dibenzo(a,h)anthracene	NELAP	).000080	0.000100		**ND**	mg/L	1	11/17/2025 17:48	247950
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	11/17/2025 17:48	247950
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	11/17/2025 17:48	247950
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	11/17/2025 17:48	247950
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	11/17/2025 17:48	247950
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	11/17/2025 17:48	247950
Naphthalene	NELAP	).000160	0.000400		**ND**	mg/L	1	11/17/2025 17:48	247950
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	11/17/2025 17:48	247950
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	11/17/2025 17:48	247950
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	11/17/2025 17:48	247950
Surr: 2,4,6-Tribromophenol	*	0	31.7-161		**88.7**	%REC	1	11/17/2025 17:48	247950
Surr: 2-Fluorobiphenyl	*	0	37.7-123		**78.6**	%REC	1	11/17/2025 17:48	247950
Surr: 2-Fluorophenol	*	0	30-130		**82.9**	%REC	1	11/17/2025 17:48	247950
Surr: Nitrobenzene-d5	*	0	40.7-126		**80.4**	%REC	1	11/17/2025 17:48	247950
Surr: Phenol-d5	*	0	20.5-122		**76.5**	%REC	1	11/17/2025 17:48	247950
Surr: p-Terphenyl-d14	*	0	44-147		**92.1**	%REC	1	11/17/2025 17:48	247950

LCS recovered outside upper control limits for Bis(2-ethylhexyl)phthalate and Di-n-butyl phthalate. Sample results are below the reporting limit. Data is reportable per the TNI Standard.

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	11/15/2025 0:36	248027
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	11/15/2025 0:36	248027
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	11/15/2025 0:36	248027
m,p-Xylenes	NELAP	0.22	1.00		**ND**	µg/L	1	11/15/2025 0:36	248027
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	11/15/2025 0:36	248027
Naphthalene	NELAP	0.57	2.00		**ND**	µg/L	1	11/15/2025 0:36	248027
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	11/15/2025 0:36	248027
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	11/15/2025 0:36	248027
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	11/15/2025 0:36	248027
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	11/15/2025 0:36	248027
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**102.0**	%REC	1	11/15/2025 0:36	248027
Surr: 4-Bromofluorobenzene	*	0	80-120		**98.8**	%REC	1	11/15/2025 0:36	248027
Surr: Dibromofluoromethane	*	0	80-120		**99.1**	%REC	1	11/15/2025 0:36	248027
Surr: Toluene-d8	*	0	80-120		**99.6**	%REC	1	11/15/2025 0:36	248027

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

Lab ID: 25111223-009 **Client Sample ID:** GW-18S-WG-20251113

Matrix: GROUNDWATER **Collection Date:** 11/13/2025 10:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	11/17/2025 18:27	247950
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	11/17/2025 18:27	247950
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	11/17/2025 18:27	247950
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	11/17/2025 18:27	247950
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	11/17/2025 18:27	247950
Benzo(b)fluoranthene	NELAP	).000130	0.000200		**ND**	mg/L	1	11/17/2025 18:27	247950
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/17/2025 18:27	247950
Benzo(k)fluoranthene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/17/2025 18:27	247950
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**0.00317**	mg/L	1	11/17/2025 18:27	247950
Chrysene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/17/2025 18:27	247950
Dibenzo(a,h)anthracene	NELAP	).000080	0.000100		**ND**	mg/L	1	11/17/2025 18:27	247950
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	11/17/2025 18:27	247950
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	11/17/2025 18:27	247950
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	11/17/2025 18:27	247950
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	11/17/2025 18:27	247950
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	11/17/2025 18:27	247950
Naphthalene	NELAP	).000160	0.000400		**ND**	mg/L	1	11/17/2025 18:27	247950
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	11/17/2025 18:27	247950
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	11/17/2025 18:27	247950
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	11/17/2025 18:27	247950
Surr: 2,4,6-Tribromophenol	*	0	31.7-161		**101.3**	%REC	1	11/17/2025 18:27	247950
Surr: 2-Fluorobiphenyl	*	0	37.7-123		**91.0**	%REC	1	11/17/2025 18:27	247950
Surr: 2-Fluorophenol	*	0	30-130		**95.7**	%REC	1	11/17/2025 18:27	247950
Surr: Nitrobenzene-d5	*	0	40.7-126		**91.4**	%REC	1	11/17/2025 18:27	247950
Surr: Phenol-d5	*	0	20.5-122		**83.9**	%REC	1	11/17/2025 18:27	247950
Surr: p-Terphenyl-d14	*	0	44-147		**104.0**	%REC	1	11/17/2025 18:27	247950

LCS recovered outside upper control limits for Di-n-butyl phthalate. Sample results are below the reporting limit. Data is reportable per the TNI Standard.

LCS recovered outside upper control limits for Bis(2-ethylhexyl)phthalate. Insufficient sample to re-extract.

SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	11/15/2025 1:01	248027
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	11/15/2025 1:01	248027
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	11/15/2025 1:01	248027
m,p-Xylenes	NELAP	0.22	1.00		**ND**	µg/L	1	11/15/2025 1:01	248027
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	11/15/2025 1:01	248027
Naphthalene	NELAP	0.57	2.00		**ND**	µg/L	1	11/15/2025 1:01	248027
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	11/15/2025 1:01	248027
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	11/15/2025 1:01	248027
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	11/15/2025 1:01	248027
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	11/15/2025 1:01	248027
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**101.9**	%REC	1	11/15/2025 1:01	248027
Surr: 4-Bromofluorobenzene	*	0	80-120		**99.2**	%REC	1	11/15/2025 1:01	248027
Surr: Dibromofluoromethane	*	0	80-120		**98.9**	%REC	1	11/15/2025 1:01	248027
Surr: Toluene-d8	*	0	80-120		**99.2**	%REC	1	11/15/2025 1:01	248027

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

Lab ID: 25111223-010 **Client Sample ID:** GW-18D-WG-20251113

Matrix: GROUNDWATER **Collection Date:** 11/13/2025 9:55

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	11/17/2025 19:07	247950
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	11/17/2025 19:07	247950
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	11/17/2025 19:07	247950
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	11/17/2025 19:07	247950
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	11/17/2025 19:07	247950
Benzo(b)fluoranthene	NELAP	).000130	0.000200		**ND**	mg/L	1	11/17/2025 19:07	247950
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/17/2025 19:07	247950
Benzo(k)fluoranthene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/17/2025 19:07	247950
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**0.00204**	mg/L	1	11/19/2025 10:59	248175
Chrysene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/17/2025 19:07	247950
Dibenzo(a,h)anthracene	NELAP	).000080	0.000100		**ND**	mg/L	1	11/17/2025 19:07	247950
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	11/17/2025 19:07	247950
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	11/17/2025 19:07	247950
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	11/17/2025 19:07	247950
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	11/17/2025 19:07	247950
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	11/17/2025 19:07	247950
Naphthalene	NELAP	).000160	0.000400		**ND**	mg/L	1	11/17/2025 19:07	247950
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	11/17/2025 19:07	247950
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	11/17/2025 19:07	247950
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	11/17/2025 19:07	247950
Surr: 2,4,6-Tribromophenol	*	0	31.7-161		**86.6**	%REC	1	11/17/2025 19:07	247950
Surr: 2-Fluorobiphenyl	*	0	37.7-123		**77.9**	%REC	1	11/17/2025 19:07	247950
Surr: 2-Fluorophenol	*	0	30-130		**80.5**	%REC	1	11/17/2025 19:07	247950
Surr: Nitrobenzene-d5	*	0	40.7-126		**80.2**	%REC	1	11/17/2025 19:07	247950
Surr: Phenol-d5	*	0	20.5-122		**72.3**	%REC	1	11/17/2025 19:07	247950
Surr: p-Terphenyl-d14	*	0	44-147		**90.4**	%REC	1	11/17/2025 19:07	247950
LCS recovered outside upper control limits for Di-n-butyl phthalate. Sample results are below the reporting limit. Data is reportable per the TNI Standard.									
SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50	J	**0.12**	µg/L	1	11/15/2025 1:27	248027
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	11/15/2025 1:27	248027
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	11/15/2025 1:27	248027
m,p-Xylenes	NELAP	0.22	1.00		**ND**	µg/L	1	11/15/2025 1:27	248027
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	11/15/2025 1:27	248027
Naphthalene	NELAP	0.57	2.00		**ND**	µg/L	1	11/15/2025 1:27	248027
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	11/15/2025 1:27	248027
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	11/15/2025 1:27	248027
trans-1,2-Dichloroethene	NELAP	0.10	2.0	J	**0.33**	µg/L	1	11/15/2025 1:27	248027
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	11/15/2025 1:27	248027
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**101.9**	%REC	1	11/15/2025 1:27	248027
Surr: 4-Bromofluorobenzene	*	0	80-120		**99.0**	%REC	1	11/15/2025 1:27	248027
Surr: Dibromofluoromethane	*	0	80-120		**99.0**	%REC	1	11/15/2025 1:27	248027
Surr: Toluene-d8	*	0	80-120		**99.7**	%REC	1	11/15/2025 1:27	248027

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

Lab ID: 25111223-011 **Client Sample ID:** DUP-002-WG-20251113

Matrix: GROUNDWATER **Collection Date:** 11/13/2025 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		**0.0210**	mg/L	100	11/20/2025 13:13	248175
Acenaphthylene	NELAP	0.00500	0.0100		**0.0120**	mg/L	100	11/20/2025 13:13	248175
Anthracene	NELAP	).000200	0.000300		**0.00310**	mg/L	1	11/20/2025 10:55	248175
Benzo(a)anthracene	NELAP	0.0070	0.010	J	**0.0086**	mg/L	100	11/20/2025 13:13	248175
Benzo(a)pyrene	NELAP	0.0110	0.0200		**ND**	mg/L	100	11/20/2025 13:13	248175
Benzo(b)fluoranthene	NELAP	0.013	0.020	J	**0.017**	mg/L	100	11/20/2025 13:13	248175
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**0.00277**	mg/L	1	11/20/2025 10:55	248175
Benzo(k)fluoranthene	NELAP	).000120	0.000200		**0.00260**	mg/L	1	11/20/2025 10:55	248175
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	11/20/2025 10:55	248175
Chrysene	NELAP	0.012	0.020	J	**0.013**	mg/L	100	11/20/2025 13:13	248175
Dibenzo(a,h)anthracene	NELAP	).000080	0.000100		**0.00169**	mg/L	1	11/20/2025 10:55	248175
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	11/20/2025 10:55	248175
Fluoranthene	NELAP	0.027	0.030	J	**0.029**	mg/L	100	11/20/2025 13:13	248175
Fluorene	NELAP	0.0170	0.0200		**0.0892**	mg/L	100	11/20/2025 13:13	248175
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**0.00330**	mg/L	1	11/20/2025 10:55	248175
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	11/20/2025 10:55	248175
Naphthalene	NELAP	0.0160	0.0400		**0.0491**	mg/L	100	11/20/2025 13:13	248175
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	11/20/2025 10:55	248175
Phenanthrene	NELAP	0.0530	0.0600		**0.132**	mg/L	100	11/20/2025 13:13	248175
Pyrene	NELAP	0.0180	0.0200		**0.0210**	mg/L	100	11/20/2025 13:13	248175
Surr: 2,4,6-Tribromophenol	*	0	31.7-161		**87.7**	%REC	1	11/20/2025 10:55	248175
Surr: 2-Fluorobiphenyl	*	0	37.7-123		**73.9**	%REC	1	11/20/2025 10:55	248175
Surr: 2-Fluorophenol	*	0	30-130		**74.4**	%REC	1	11/20/2025 10:55	248175
Surr: Nitrobenzene-d5	*	0	40.7-126		**71.8**	%REC	1	11/20/2025 10:55	248175
Surr: Phenol-d5	*	0	20.5-122		**74.2**	%REC	1	11/20/2025 10:55	248175
Surr: p-Terphenyl-d14	*	0	44-147		**91.5**	%REC	1	11/20/2025 10:55	248175
Elevated reporting limit due to high levels of target analytes.									
SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	5.00	50.0		**485**	µg/L	100	11/17/2025 16:21	248044
Bromoform	NELAP	0.90	2.00		**ND**	µg/L	10	11/15/2025 1:52	248027
Ethylbenzene	NELAP	1.00	10.0		**1960**	µg/L	10	11/15/2025 1:52	248027
m,p-Xylenes	NELAP	2.20	10.0		**290**	µg/L	10	11/15/2025 1:52	248027
Methylene chloride	NELAP	8.70	20.0		**20.8**	µg/L	10	11/15/2025 1:52	248027
Naphthalene	NELAP	5.70	20.0		**913**	µg/L	10	11/15/2025 1:52	248027
o-Xylene	NELAP	0.50	10.0		**1260**	µg/L	10	11/15/2025 1:52	248027
Toluene	NELAP	1.00	20.0		**316**	µg/L	10	11/15/2025 1:52	248027
trans-1,2-Dichloroethene	NELAP	1.00	20.0		**ND**	µg/L	10	11/15/2025 1:52	248027
Xylenes, Total	NELAP	2.80	20.0		**1550**	µg/L	10	11/15/2025 1:52	248027
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**103.1**	%REC	10	11/15/2025 1:52	248027
Surr: 4-Bromofluorobenzene	*	0	80-120		**98.4**	%REC	10	11/15/2025 1:52	248027
Surr: Dibromofluoromethane	*	0	80-120		**100.9**	%REC	10	11/15/2025 1:52	248027
Surr: Toluene-d8	*	0	80-120		**99.4**	%REC	10	11/15/2025 1:52	248027
Elevated reporting limit due to high levels of target and/or non-target analytes.									

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

Lab ID: 25111223-012 **Client Sample ID:** GW-26-WG-20251111

Matrix: GROUNDWATER **Collection Date:** 11/11/2025 14:55

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.00010	J	**0.000087**	mg/L	1	11/17/2025 19:47	247950
Acenaphthylene	NELAP	).000050	0.000100		**0.000139**	mg/L	1	11/17/2025 19:47	247950
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	11/17/2025 19:47	247950
Benzo(a)anthracene	NELAP	).000070	0.000100		**0.000107**	mg/L	1	11/17/2025 19:47	247950
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	11/17/2025 19:47	247950
Benzo(b)fluoranthene	NELAP	0.00013	0.00020	J	**0.00019**	mg/L	1	11/17/2025 19:47	247950
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/17/2025 19:47	247950
Benzo(k)fluoranthene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/17/2025 19:47	247950
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	11/17/2025 19:47	247950
Chrysene	NELAP	0.00012	0.00020	J	**0.00019**	mg/L	1	11/17/2025 19:47	247950
Dibenzo(a,h)anthracene	NELAP	).000080	0.000100		**ND**	mg/L	1	11/17/2025 19:47	247950
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	11/17/2025 19:47	247950
Fluoranthene	NELAP	).000270	0.000300		**0.000390**	mg/L	1	11/17/2025 19:47	247950
Fluorene	NELAP	).000170	0.000200		**0.000351**	mg/L	1	11/17/2025 19:47	247950
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	11/17/2025 19:47	247950
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	11/17/2025 19:47	247950
Naphthalene	NELAP	).000160	0.000400		**ND**	mg/L	1	11/17/2025 19:47	247950
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	11/17/2025 19:47	247950
Phenanthrene	NELAP	).000530	0.000600		**0.000985**	mg/L	1	11/17/2025 19:47	247950
Pyrene	NELAP	).000180	0.000200		**0.000284**	mg/L	1	11/17/2025 19:47	247950
Surr: 2,4,6-Tribromophenol	*	0	31.7-161		**93.9**	%REC	1	11/17/2025 19:47	247950
Surr: 2-Fluorobiphenyl	*	0	37.7-123		**84.0**	%REC	1	11/17/2025 19:47	247950
Surr: 2-Fluorophenol	*	0	30-130		**88.2**	%REC	1	11/17/2025 19:47	247950
Surr: Nitrobenzene-d5	*	0	40.7-126		**84.7**	%REC	1	11/17/2025 19:47	247950
Surr: Phenol-d5	*	0	20.5-122		**79.5**	%REC	1	11/17/2025 19:47	247950
Surr: p-Terphenyl-d14	*	0	44-147		**93.1**	%REC	1	11/17/2025 19:47	247950

LCS recovered outside upper control limits for Bis(2-ethylhexyl)phthalate and Di-n-butyl phthalate. Sample results are below the reporting limit. Data is 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	11/17/2025 15:55	248044
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	11/15/2025 2:17	248027
Ethylbenzene	NELAP	0.10	1.0	J	**0.31**	µg/L	1	11/15/2025 2:17	248027
m,p-Xylenes	NELAP	0.22	1.00		**ND**	µg/L	1	11/15/2025 2:17	248027
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	11/15/2025 2:17	248027
Naphthalene	NELAP	0.57	2.00		**2.11**	µg/L	1	11/15/2025 2:17	248027
o-Xylene	NELAP	0.05	1.0	J	**0.24**	µg/L	1	11/15/2025 2:17	248027
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	11/15/2025 2:17	248027
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	11/15/2025 2:17	248027
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	11/15/2025 2:17	248027
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**102.3**	%REC	1	11/15/2025 2:17	248027
Surr: 4-Bromofluorobenzene	*	0	80-120		**97.8**	%REC	1	11/15/2025 2:17	248027
Surr: Dibromofluoromethane	*	0	80-120		**99.5**	%REC	1	11/15/2025 2:17	248027
Surr: Toluene-d8	*	0	80-120		**98.6**	%REC	1	11/15/2025 2:17	248027

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

Lab ID: 25111223-013 **Client Sample ID:** EQB-001-WQ-20251111

Matrix: GROUNDWATER **Collection Date:** 11/11/2025 12:15

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	11/17/2025 20:27	247950
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	11/17/2025 20:27	247950
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	11/17/2025 20:27	247950
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	11/17/2025 20:27	247950
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	11/17/2025 20:27	247950
Benzo(b)fluoranthene	NELAP	).000130	0.000200		**ND**	mg/L	1	11/17/2025 20:27	247950
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/17/2025 20:27	247950
Benzo(k)fluoranthene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/17/2025 20:27	247950
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	11/17/2025 20:27	247950
Chrysene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/17/2025 20:27	247950
Dibenzo(a,h)anthracene	NELAP	).000080	0.000100		**ND**	mg/L	1	11/17/2025 20:27	247950
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	11/17/2025 20:27	247950
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	11/17/2025 20:27	247950
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	11/17/2025 20:27	247950
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	11/17/2025 20:27	247950
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	11/17/2025 20:27	247950
Naphthalene	NELAP	).000160	0.000400		**ND**	mg/L	1	11/17/2025 20:27	247950
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	11/17/2025 20:27	247950
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	11/17/2025 20:27	247950
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	11/17/2025 20:27	247950
Surr: 2,4,6-Tribromophenol	*	0	31.7-161		**85.3**	%REC	1	11/17/2025 20:27	247950
Surr: 2-Fluorobiphenyl	*	0	37.7-123		**72.7**	%REC	1	11/17/2025 20:27	247950
Surr: 2-Fluorophenol	*	0	30-130		**73.6**	%REC	1	11/17/2025 20:27	247950
Surr: Nitrobenzene-d5	*	0	40.7-126		**77.3**	%REC	1	11/17/2025 20:27	247950
Surr: Phenol-d5	*	0	20.5-122		**66.3**	%REC	1	11/17/2025 20:27	247950
Surr: p-Terphenyl-d14	*	0	44-147		**90.9**	%REC	1	11/17/2025 20:27	247950
LCS recovered outside upper control limits for Bis(2-ethylhexyl)phthalate and Di-n-butyl phthalate. Sample results are below the reporting limit. Data is 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	11/15/2025 2:42	248027
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	11/15/2025 2:42	248027
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	11/15/2025 2:42	248027
m,p-Xylenes	NELAP	0.22	1.00		**ND**	µg/L	1	11/15/2025 2:42	248027
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	11/15/2025 2:42	248027
Naphthalene	NELAP	0.57	2.00		**ND**	µg/L	1	11/15/2025 2:42	248027
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	11/15/2025 2:42	248027
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	11/15/2025 2:42	248027
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	11/15/2025 2:42	248027
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	11/15/2025 2:42	248027
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**101.9**	%REC	1	11/15/2025 2:42	248027
Surr: 4-Bromofluorobenzene	*	0	80-120		**99.0**	%REC	1	11/15/2025 2:42	248027
Surr: Dibromofluoromethane	*	0	80-120		**98.9**	%REC	1	11/15/2025 2:42	248027
Surr: Toluene-d8	*	0	80-120		**99.9**	%REC	1	11/15/2025 2:42	248027

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

Lab ID: 25111223-014 **Client Sample ID:** EQB-002-WQ-20251112

Matrix: GROUNDWATER **Collection Date:** 11/12/2025 13:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	11/17/2025 21:06	247950
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	11/17/2025 21:06	247950
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	11/17/2025 21:06	247950
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	11/17/2025 21:06	247950
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	11/17/2025 21:06	247950
Benzo(b)fluoranthene	NELAP	).000130	0.000200		**ND**	mg/L	1	11/17/2025 21:06	247950
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/17/2025 21:06	247950
Benzo(k)fluoranthene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/17/2025 21:06	247950
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	11/17/2025 21:06	247950
Chrysene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/17/2025 21:06	247950
Dibenzo(a,h)anthracene	NELAP	).000080	0.000100		**ND**	mg/L	1	11/17/2025 21:06	247950
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	11/17/2025 21:06	247950
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	11/17/2025 21:06	247950
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	11/17/2025 21:06	247950
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	11/17/2025 21:06	247950
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	11/17/2025 21:06	247950
Naphthalene	NELAP	).000160	0.000400		**ND**	mg/L	1	11/17/2025 21:06	247950
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	11/17/2025 21:06	247950
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	11/17/2025 21:06	247950
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	11/17/2025 21:06	247950
Surr: 2,4,6-Tribromophenol	*	0	31.7-161		**96.8**	%REC	1	11/17/2025 21:06	247950
Surr: 2-Fluorobiphenyl	*	0	37.7-123		**84.0**	%REC	1	11/17/2025 21:06	247950
Surr: 2-Fluorophenol	*	0	30-130		**87.7**	%REC	1	11/17/2025 21:06	247950
Surr: Nitrobenzene-d5	*	0	40.7-126		**87.6**	%REC	1	11/17/2025 21:06	247950
Surr: Phenol-d5	*	0	20.5-122		**76.5**	%REC	1	11/17/2025 21:06	247950
Surr: p-Terphenyl-d14	*	0	44-147		**102.9**	%REC	1	11/17/2025 21:06	247950

LCS recovered outside upper control limits for Bis(2-ethylhexyl)phthalate and Di-n-butyl phthalate. Sample results are below the reporting limit. Data is 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	11/15/2025 3:07	248027
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	11/15/2025 3:07	248027
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	11/15/2025 3:07	248027
m,p-Xylenes	NELAP	0.22	1.00		**ND**	µg/L	1	11/15/2025 3:07	248027
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	11/15/2025 3:07	248027
Naphthalene	NELAP	0.57	2.00		**ND**	µg/L	1	11/15/2025 3:07	248027
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	11/15/2025 3:07	248027
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	11/15/2025 3:07	248027
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	11/15/2025 3:07	248027
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	11/15/2025 3:07	248027
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**101.1**	%REC	1	11/15/2025 3:07	248027
Surr: 4-Bromofluorobenzene	*	0	80-120		**98.5**	%REC	1	11/15/2025 3:07	248027
Surr: Dibromofluoromethane	*	0	80-120		**99.0**	%REC	1	11/15/2025 3:07	248027
Surr: Toluene-d8	*	0	80-120		**99.7**	%REC	1	11/15/2025 3:07	248027

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

Lab ID: 25111223-015 **Client Sample ID:** GW-20FF-WG-20251112

Matrix: GROUNDWATER **Collection Date:** 11/12/2025 13:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	11/17/2025 21:45	247950
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	11/17/2025 21:45	247950
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	11/17/2025 21:45	247950
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	11/17/2025 21:45	247950
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	11/17/2025 21:45	247950
Benzo(b)fluoranthene	NELAP	).000130	0.000200		**ND**	mg/L	1	11/17/2025 21:45	247950
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/17/2025 21:45	247950
Benzo(k)fluoranthene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/17/2025 21:45	247950
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	11/17/2025 21:45	247950
Chrysene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/17/2025 21:45	247950
Dibenzo(a,h)anthracene	NELAP	).000080	0.000100		**ND**	mg/L	1	11/17/2025 21:45	247950
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	11/17/2025 21:45	247950
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	11/17/2025 21:45	247950
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	11/17/2025 21:45	247950
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	11/17/2025 21:45	247950
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	11/17/2025 21:45	247950
Naphthalene	NELAP	).000160	0.000400		**ND**	mg/L	1	11/17/2025 21:45	247950
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	11/17/2025 21:45	247950
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	11/17/2025 21:45	247950
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	11/17/2025 21:45	247950
Surr: 2,4,6-Tribromophenol	*	0	31.7-161		**95.0**	%REC	1	11/17/2025 21:45	247950
Surr: 2-Fluorobiphenyl	*	0	37.7-123		**85.3**	%REC	1	11/17/2025 21:45	247950
Surr: 2-Fluorophenol	*	0	30-130		**86.2**	%REC	1	11/17/2025 21:45	247950
Surr: Nitrobenzene-d5	*	0	40.7-126		**85.8**	%REC	1	11/17/2025 21:45	247950
Surr: Phenol-d5	*	0	20.5-122		**79.0**	%REC	1	11/17/2025 21:45	247950
Surr: p-Terphenyl-d14	*	0	44-147		**101.6**	%REC	1	11/17/2025 21:45	247950

LCS recovered outside upper control limits for Bis(2-ethylhexyl)phthalate and Di-n-butyl phthalate. Sample results are below the reporting limit. Data is reportable per the TNI Standard.

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	11/15/2025 3:32	248027
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	11/15/2025 3:32	248027
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	11/15/2025 3:32	248027
m,p-Xylenes	NELAP	0.22	1.00		**ND**	µg/L	1	11/15/2025 3:32	248027
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	11/15/2025 3:32	248027
Naphthalene	NELAP	0.57	2.00		**ND**	µg/L	1	11/15/2025 3:32	248027
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	11/15/2025 3:32	248027
Toluene	NELAP	0.10	2.0	J	**0.20**	µg/L	1	11/15/2025 3:32	248027
trans-1,2-Dichloroethene	NELAP	0.10	2.0	J	**0.26**	µg/L	1	11/15/2025 3:32	248027
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	11/15/2025 3:32	248027
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**102.7**	%REC	1	11/15/2025 3:32	248027
Surr: 4-Bromofluorobenzene	*	0	80-120		**97.9**	%REC	1	11/15/2025 3:32	248027
Surr: Dibromofluoromethane	*	0	80-120		**99.2**	%REC	1	11/15/2025 3:32	248027
Surr: Toluene-d8	*	0	80-120		**99.0**	%REC	1	11/15/2025 3:32	248027

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

Lab ID: 25111223-016 **Client Sample ID:** GW-25-WG-20251112

Matrix: GROUNDWATER **Collection Date:** 11/12/2025 12:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	11/17/2025 22:25	247950
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	11/17/2025 22:25	247950
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	11/17/2025 22:25	247950
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	11/17/2025 22:25	247950
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	11/17/2025 22:25	247950
Benzo(b)fluoranthene	NELAP	).000130	0.000200		**ND**	mg/L	1	11/17/2025 22:25	247950
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/17/2025 22:25	247950
Benzo(k)fluoranthene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/17/2025 22:25	247950
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	11/17/2025 22:25	247950
Chrysene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/17/2025 22:25	247950
Dibenzo(a,h)anthracene	NELAP	).000080	0.000100		**ND**	mg/L	1	11/17/2025 22:25	247950
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	11/17/2025 22:25	247950
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	11/17/2025 22:25	247950
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	11/17/2025 22:25	247950
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	11/17/2025 22:25	247950
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	11/17/2025 22:25	247950
Naphthalene	NELAP	).000160	0.000400		**ND**	mg/L	1	11/17/2025 22:25	247950
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	11/17/2025 22:25	247950
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	11/17/2025 22:25	247950
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	11/17/2025 22:25	247950
Surr: 2,4,6-Tribromophenol	*	0	31.7-161		**91.8**	%REC	1	11/17/2025 22:25	247950
Surr: 2-Fluorobiphenyl	*	0	37.7-123		**78.9**	%REC	1	11/17/2025 22:25	247950
Surr: 2-Fluorophenol	*	0	30-130		**85.4**	%REC	1	11/17/2025 22:25	247950
Surr: Nitrobenzene-d5	*	0	40.7-126		**81.3**	%REC	1	11/17/2025 22:25	247950
Surr: Phenol-d5	*	0	20.5-122		**76.8**	%REC	1	11/17/2025 22:25	247950
Surr: p-Terphenyl-d14	*	0	44-147		**99.9**	%REC	1	11/17/2025 22:25	247950
LCS recovered outside upper control limits for Bis(2-ethylhexyl)phthalate and Di-n-butyl phthalate. Sample results are below the reporting limit. Data is 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	11/15/2025 3:57	248027
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	11/15/2025 3:57	248027
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	11/15/2025 3:57	248027
m,p-Xylenes	NELAP	0.22	1.00		**ND**	µg/L	1	11/15/2025 3:57	248027
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	11/15/2025 3:57	248027
Naphthalene	NELAP	0.57	2.00		**ND**	µg/L	1	11/15/2025 3:57	248027
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	11/15/2025 3:57	248027
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	11/15/2025 3:57	248027
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	11/15/2025 3:57	248027
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	11/15/2025 3:57	248027
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**102.3**	%REC	1	11/15/2025 3:57	248027
Surr: 4-Bromofluorobenzene	*	0	80-120		**98.7**	%REC	1	11/15/2025 3:57	248027
Surr: Dibromofluoromethane	*	0	80-120		**98.4**	%REC	1	11/15/2025 3:57	248027
Surr: Toluene-d8	*	0	80-120		**99.2**	%REC	1	11/15/2025 3:57	248027

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

Lab ID: 25111223-017 **Client Sample ID:** GW-19S-WG-20251112

Matrix: GROUNDWATER **Collection Date:** 11/12/2025 16:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	11/18/2025 0:24	247950
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	11/18/2025 0:24	247950
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	11/18/2025 0:24	247950
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	11/18/2025 0:24	247950
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	11/18/2025 0:24	247950
Benzo(b)fluoranthene	NELAP	).000130	0.000200		**ND**	mg/L	1	11/18/2025 0:24	247950
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/18/2025 0:24	247950
Benzo(k)fluoranthene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/18/2025 0:24	247950
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	11/18/2025 0:24	247950
Chrysene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/18/2025 0:24	247950
Dibenzo(a,h)anthracene	NELAP	).000080	0.000100		**ND**	mg/L	1	11/18/2025 0:24	247950
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	11/18/2025 0:24	247950
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	11/18/2025 0:24	247950
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	11/18/2025 0:24	247950
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	11/18/2025 0:24	247950
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	11/18/2025 0:24	247950
Naphthalene	NELAP	).000160	0.000400		**ND**	mg/L	1	11/18/2025 0:24	247950
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	11/18/2025 0:24	247950
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	11/18/2025 0:24	247950
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	11/18/2025 0:24	247950
Surr: 2,4,6-Tribromophenol	*	0	31.7-161		**88.0**	%REC	1	11/18/2025 0:24	247950
Surr: 2-Fluorobiphenyl	*	0	37.7-123		**78.0**	%REC	1	11/18/2025 0:24	247950
Surr: 2-Fluorophenol	*	0	30-130		**78.5**	%REC	1	11/18/2025 0:24	247950
Surr: Nitrobenzene-d5	*	0	40.7-126		**78.7**	%REC	1	11/18/2025 0:24	247950
Surr: Phenol-d5	*	0	20.5-122		**69.4**	%REC	1	11/18/2025 0:24	247950
Surr: p-Terphenyl-d14	*	0	44-147		**95.4**	%REC	1	11/18/2025 0:24	247950

LCS recovered outside upper control limits for Bis(2-ethylhexyl)phthalate and Di-n-butyl phthalate. Sample results are below the reporting limit. Data is 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	11/18/2025 12:39	248141
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	11/18/2025 12:39	248141
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	11/18/2025 12:39	248141
m,p-Xylenes	NELAP	0.22	1.00		**ND**	µg/L	1	11/18/2025 12:39	248141
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	11/18/2025 12:39	248141
Naphthalene	NELAP	0.57	2.00		**ND**	µg/L	1	11/18/2025 12:39	248141
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	11/18/2025 12:39	248141
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	11/18/2025 12:39	248141
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	11/18/2025 12:39	248141
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	11/18/2025 12:39	248141
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**88.1**	%REC	1	11/18/2025 12:39	248141
Surr: 4-Bromofluorobenzene	*	0	80-120		**95.4**	%REC	1	11/18/2025 12:39	248141
Surr: Dibromofluoromethane	*	0	80-120		**98.5**	%REC	1	11/18/2025 12:39	248141
Surr: Toluene-d8	*	0	80-120		**98.6**	%REC	1	11/18/2025 12:39	248141

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

Lab ID: 25111223-018 **Client Sample ID:** GW-19D-WG-20251112

Matrix: GROUNDWATER **Collection Date:** 11/12/2025 15:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	11/18/2025 1:04	247950
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	11/18/2025 1:04	247950
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	11/18/2025 1:04	247950
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	11/18/2025 1:04	247950
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	11/18/2025 1:04	247950
Benzo(b)fluoranthene	NELAP	).000130	0.000200		**ND**	mg/L	1	11/18/2025 1:04	247950
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/18/2025 1:04	247950
Benzo(k)fluoranthene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/18/2025 1:04	247950
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	11/18/2025 1:04	247950
Chrysene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/18/2025 1:04	247950
Dibenzo(a,h)anthracene	NELAP	).000080	0.000100		**ND**	mg/L	1	11/18/2025 1:04	247950
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	11/18/2025 1:04	247950
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	11/18/2025 1:04	247950
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	11/18/2025 1:04	247950
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	11/18/2025 1:04	247950
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	11/18/2025 1:04	247950
Naphthalene	NELAP	).000160	0.000400		**ND**	mg/L	1	11/18/2025 1:04	247950
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	11/18/2025 1:04	247950
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	11/18/2025 1:04	247950
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	11/18/2025 1:04	247950
Surr: 2,4,6-Tribromophenol	*	0	31.7-161		**98.4**	%REC	1	11/18/2025 1:04	247950
Surr: 2-Fluorobiphenyl	*	0	37.7-123		**82.3**	%REC	1	11/18/2025 1:04	247950
Surr: 2-Fluorophenol	*	0	30-130		**84.2**	%REC	1	11/18/2025 1:04	247950
Surr: Nitrobenzene-d5	*	0	40.7-126		**82.5**	%REC	1	11/18/2025 1:04	247950
Surr: Phenol-d5	*	0	20.5-122		**76.7**	%REC	1	11/18/2025 1:04	247950
Surr: p-Terphenyl-d14	*	0	44-147		**99.2**	%REC	1	11/18/2025 1:04	247950
LCS recovered outside upper control limits for Bis(2-ethylhexyl)phthalate and Di-n-butyl phthalate. Sample results are below the reporting limit. Data is 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	11/15/2025 5:38	248027
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	11/15/2025 5:38	248027
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	11/15/2025 5:38	248027
m,p-Xylenes	NELAP	0.22	1.00		**ND**	µg/L	1	11/15/2025 5:38	248027
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	11/15/2025 5:38	248027
Naphthalene	NELAP	0.57	2.00		**ND**	µg/L	1	11/15/2025 5:38	248027
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	11/15/2025 5:38	248027
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	11/15/2025 5:38	248027
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	11/15/2025 5:38	248027
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	11/15/2025 5:38	248027
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**102.3**	%REC	1	11/15/2025 5:38	248027
Surr: 4-Bromofluorobenzene	*	0	80-120		**99.0**	%REC	1	11/15/2025 5:38	248027
Surr: Dibromofluoromethane	*	0	80-120		**98.8**	%REC	1	11/15/2025 5:38	248027
Surr: Toluene-d8	*	0	80-120		**99.8**	%REC	1	11/15/2025 5:38	248027

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

Lab ID: 25111223-019 **Client Sample ID:** GW-20-WG-20251112

Matrix: GROUNDWATER **Collection Date:** 11/12/2025 13:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	11/18/2025 13:26	248053
Acenaphthylene	NELAP	).000050	0.000100		**0.000146**	mg/L	1	11/18/2025 13:26	248053
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	11/18/2025 13:26	248053
Benzo(a)anthracene	NELAP	).000070	0.000100		**0.000107**	mg/L	1	11/18/2025 13:26	248053
Benzo(a)pyrene	NELAP	).000110	0.000200		**0.000504**	mg/L	1	11/18/2025 13:26	248053
Benzo(b)fluoranthene	NELAP	).000130	0.000200		**0.000524**	mg/L	1	11/18/2025 13:26	248053
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**0.000609**	mg/L	1	11/18/2025 13:26	248053
Benzo(k)fluoranthene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/18/2025 13:26	248053
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	11/18/2025 13:26	248053
Chrysene	NELAP	0.00012	0.00020	J	**0.00017**	mg/L	1	11/18/2025 13:26	248053
Dibenzo(a,h)anthracene	NELAP	).000080	0.000100		**0.000104**	mg/L	1	11/18/2025 13:26	248053
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	11/18/2025 13:26	248053
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	11/18/2025 13:26	248053
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	11/18/2025 13:26	248053
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**0.000430**	mg/L	1	11/18/2025 13:26	248053
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	11/18/2025 13:26	248053
Naphthalene	NELAP	).000160	0.000400		**ND**	mg/L	1	11/18/2025 13:26	248053
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	11/18/2025 13:26	248053
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	11/18/2025 13:26	248053
Pyrene	NELAP	).000180	0.000200		**0.000248**	mg/L	1	11/18/2025 13:26	248053
Surr: 2,4,6-Tribromophenol	*	0	31.7-161		**66.4**	%REC	1	11/18/2025 13:26	248053
Surr: 2-Fluorobiphenyl	*	0	37.7-123		**62.3**	%REC	1	11/18/2025 13:26	248053
Surr: 2-Fluorophenol	*	0	30-130		**61.2**	%REC	1	11/18/2025 13:26	248053
Surr: Nitrobenzene-d5	*	0	40.7-126		**60.5**	%REC	1	11/18/2025 13:26	248053
Surr: Phenol-d5	*	0	20.5-122		**58.1**	%REC	1	11/18/2025 13:26	248053
Surr: p-Terphenyl-d14	*	0	44-147		**69.9**	%REC	1	11/18/2025 13:26	248053

LCS recovered outside upper control limits for Bis(2-ethylhexyl)phthalate. Sample results are below the reporting limit. Data is 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	11/15/2025 6:03	248027
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	11/15/2025 6:03	248027
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	11/15/2025 6:03	248027
m,p-Xylenes	NELAP	0.22	1.00		**ND**	µg/L	1	11/15/2025 6:03	248027
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	11/15/2025 6:03	248027
Naphthalene	NELAP	0.57	2.00		**ND**	µg/L	1	11/15/2025 6:03	248027
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	11/15/2025 6:03	248027
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	11/15/2025 6:03	248027
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	11/15/2025 6:03	248027
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	11/15/2025 6:03	248027
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**103.1**	%REC	1	11/15/2025 6:03	248027
Surr: 4-Bromofluorobenzene	*	0	80-120		**99.9**	%REC	1	11/15/2025 6:03	248027
Surr: Dibromofluoromethane	*	0	80-120		**99.0**	%REC	1	11/15/2025 6:03	248027
Surr: Toluene-d8	*	0	80-120		**99.3**	%REC	1	11/15/2025 6:03	248027

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

Lab ID: 25111223-020 **Client Sample ID:** GW-22S-WG-20251112

Matrix: GROUNDWATER **Collection Date:** 11/12/2025 16:35

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	11/18/2025 14:06	248053
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	11/18/2025 14:06	248053
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	11/18/2025 14:06	248053
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	11/18/2025 14:06	248053
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	11/18/2025 14:06	248053
Benzo(b)fluoranthene	NELAP	).000130	0.000200		**ND**	mg/L	1	11/18/2025 14:06	248053
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/18/2025 14:06	248053
Benzo(k)fluoranthene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/18/2025 14:06	248053
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	11/18/2025 14:06	248053
Chrysene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/18/2025 14:06	248053
Dibenzo(a,h)anthracene	NELAP	).000080	0.000100		**ND**	mg/L	1	11/18/2025 14:06	248053
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	11/18/2025 14:06	248053
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	11/18/2025 14:06	248053
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	11/18/2025 14:06	248053
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	11/18/2025 14:06	248053
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	11/18/2025 14:06	248053
Naphthalene	NELAP	).000160	0.000400		**ND**	mg/L	1	11/18/2025 14:06	248053
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	11/18/2025 14:06	248053
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	11/18/2025 14:06	248053
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	11/18/2025 14:06	248053
Surr: 2,4,6-Tribromophenol	*	0	31.7-161		**54.0**	%REC	1	11/18/2025 14:06	248053
Surr: 2-Fluorobiphenyl	*	0	37.7-123		**42.5**	%REC	1	11/18/2025 14:06	248053
Surr: 2-Fluorophenol	*	0	30-130		**40.0**	%REC	1	11/18/2025 14:06	248053
Surr: Nitrobenzene-d5	*	0	40.7-126	S	**39.3**	%REC	1	11/18/2025 14:06	248053
Surr: Phenol-d5	*	0	20.5-122		**41.1**	%REC	1	11/18/2025 14:06	248053
Surr: p-Terphenyl-d14	*	0	44-147		**63.1**	%REC	1	11/18/2025 14:06	248053

Surrogate recovery is outside control limits due to matrix interference.

LCS recovered outside upper control limits for Bis(2-ethylhexyl)phthalate. Sample results are below the reporting limit. Data is reportable per the TNI Standard.

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	11/15/2025 6:28	248027
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	11/15/2025 6:28	248027
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	11/15/2025 6:28	248027
m,p-Xylenes	NELAP	0.22	1.00		**ND**	µg/L	1	11/15/2025 6:28	248027
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	11/15/2025 6:28	248027
Naphthalene	NELAP	0.57	2.00		**ND**	µg/L	1	11/15/2025 6:28	248027
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	11/15/2025 6:28	248027
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	11/15/2025 6:28	248027
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	11/15/2025 6:28	248027
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	11/15/2025 6:28	248027
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**102.1**	%REC	1	11/15/2025 6:28	248027
Surr: 4-Bromofluorobenzene	*	0	80-120		**99.0**	%REC	1	11/15/2025 6:28	248027
Surr: Dibromofluoromethane	*	0	80-120		**99.0**	%REC	1	11/15/2025 6:28	248027
Surr: Toluene-d8	*	0	80-120		**99.3**	%REC	1	11/15/2025 6:28	248027

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

Lab ID: 25111223-021 **Client Sample ID:** GW-22D-WG-20251113

Matrix: GROUNDWATER **Collection Date:** 11/13/2025 8:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	11/18/2025 14:45	248053
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	11/18/2025 14:45	248053
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	11/18/2025 14:45	248053
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	11/18/2025 14:45	248053
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	11/18/2025 14:45	248053
Benzo(b)fluoranthene	NELAP	).000130	0.000200		**ND**	mg/L	1	11/18/2025 14:45	248053
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/18/2025 14:45	248053
Benzo(k)fluoranthene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/18/2025 14:45	248053
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	11/18/2025 14:45	248053
Chrysene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/18/2025 14:45	248053
Dibenzo(a,h)anthracene	NELAP	).000080	0.000100		**ND**	mg/L	1	11/18/2025 14:45	248053
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	11/18/2025 14:45	248053
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	11/18/2025 14:45	248053
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	11/18/2025 14:45	248053
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	11/18/2025 14:45	248053
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	11/18/2025 14:45	248053
Naphthalene	NELAP	).000160	0.000400		**ND**	mg/L	1	11/18/2025 14:45	248053
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	11/18/2025 14:45	248053
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	11/18/2025 14:45	248053
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	11/18/2025 14:45	248053
Surr: 2,4,6-Tribromophenol	*	0	31.7-161		**89.9**	%REC	1	11/18/2025 14:45	248053
Surr: 2-Fluorobiphenyl	*	0	37.7-123		**66.0**	%REC	1	11/18/2025 14:45	248053
Surr: 2-Fluorophenol	*	0	30-130		**66.0**	%REC	1	11/18/2025 14:45	248053
Surr: Nitrobenzene-d5	*	0	40.7-126		**61.1**	%REC	1	11/18/2025 14:45	248053
Surr: Phenol-d5	*	0	20.5-122		**64.4**	%REC	1	11/18/2025 14:45	248053
Surr: p-Terphenyl-d14	*	0	44-147		**76.4**	%REC	1	11/18/2025 14:45	248053

LCS recovered outside upper control limits for Bis(2-ethylhexyl)phthalate. Sample results are below the reporting limit. Data is 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	11/14/2025 21:41	248027
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	11/14/2025 21:41	248027
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	11/14/2025 21:41	248027
m,p-Xylenes	NELAP	0.22	1.00		**ND**	µg/L	1	11/14/2025 21:41	248027
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	11/14/2025 21:41	248027
Naphthalene	NELAP	0.57	2.00		**ND**	µg/L	1	11/14/2025 21:41	248027
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	11/14/2025 21:41	248027
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	11/14/2025 21:41	248027
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	11/14/2025 21:41	248027
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	11/14/2025 21:41	248027
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**101.2**	%REC	1	11/14/2025 21:41	248027
Surr: 4-Bromofluorobenzene	*	0	80-120		**97.4**	%REC	1	11/14/2025 21:41	248027
Surr: Dibromofluoromethane	*	0	80-120		**100.0**	%REC	1	11/14/2025 21:41	248027
Surr: Toluene-d8	*	0	80-120		**99.5**	%REC	1	11/14/2025 21:41	248027

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

Lab ID: 25111223-022 **Client Sample ID:** DUP-001-WG-20251111

Matrix: GROUNDWATER **Collection Date:** 11/11/2025 0:01

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**0.000106**	mg/L	1	11/18/2025 15:25	248053
Acenaphthylene	NELAP	).000050	0.000100		**0.000107**	mg/L	1	11/18/2025 15:25	248053
Anthracene	NELAP	).000200	0.000300		**0.00119**	mg/L	1	11/18/2025 15:25	248053
Benzo(a)anthracene	NELAP	).000070	0.000100		**0.000201**	mg/L	1	11/18/2025 15:25	248053
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	11/18/2025 15:25	248053
Benzo(b)fluoranthene	NELAP	0.00013	0.00020	J	**0.00014**	mg/L	1	11/18/2025 15:25	248053
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/18/2025 15:25	248053
Benzo(k)fluoranthene	NELAP	).000120	0.000200		**ND**	mg/L	1	11/18/2025 15:25	248053
Bis(2-ethylhexyl)phthalate	NELAP	0.00286	0.00400		**0.00580**	mg/L	2	11/20/2025 11:57	248175
Chrysene	NELAP	0.00012	0.00020	J	**0.00014**	mg/L	1	11/18/2025 15:25	248053
Dibenzo(a,h)anthracene	NELAP	).000080	0.000100		**ND**	mg/L	1	11/18/2025 15:25	248053
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	11/18/2025 15:25	248053
Fluoranthene	NELAP	).000270	0.000300		**0.000731**	mg/L	1	11/18/2025 15:25	248053
Fluorene	NELAP	).000170	0.000200		**0.000261**	mg/L	1	11/18/2025 15:25	248053
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	11/18/2025 15:25	248053
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	11/18/2025 15:25	248053
Naphthalene	NELAP	).000160	0.000400		**ND**	mg/L	1	11/18/2025 15:25	248053
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	11/18/2025 15:25	248053
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	11/18/2025 15:25	248053
Pyrene	NELAP	).000180	0.000200		**0.00244**	mg/L	1	11/18/2025 15:25	248053
Surr: 2,4,6-Tribromophenol	*	0	31.7-161		**72.0**	%REC	1	11/18/2025 15:25	248053
Surr: 2-Fluorobiphenyl	*	0	37.7-123		**68.6**	%REC	1	11/18/2025 15:25	248053
Surr: 2-Fluorophenol	*	0	30-130		**70.4**	%REC	1	11/18/2025 15:25	248053
Surr: Nitrobenzene-d5	*	0	40.7-126		**65.0**	%REC	1	11/18/2025 15:25	248053
Surr: Phenol-d5	*	0	20.5-122		**69.2**	%REC	1	11/18/2025 15:25	248053
Surr: p-Terphenyl-d14	*	0	44-147		**80.5**	%REC	1	11/18/2025 15:25	248053
SW-846 5030B, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	11/14/2025 13:09	247993
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	11/14/2025 13:09	247993
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	11/14/2025 13:09	247993
m,p-Xylenes	NELAP	0.22	1.00		**ND**	µg/L	1	11/14/2025 13:09	247993
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	11/14/2025 13:09	247993
Naphthalene	NELAP	0.57	2.00		**ND**	µg/L	1	11/14/2025 13:09	247993
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	11/14/2025 13:09	247993
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	11/14/2025 13:09	247993
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	11/14/2025 13:09	247993
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	11/14/2025 13:09	247993
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**89.4**	%REC	1	11/14/2025 13:09	247993
Surr: 4-Bromofluorobenzene	*	0	80-120		**96.5**	%REC	1	11/14/2025 13:09	247993
Surr: Dibromofluoromethane	*	0	80-120		**96.7**	%REC	1	11/14/2025 13:09	247993
Surr: Toluene-d8	*	0	80-120		**98.5**	%REC	1	11/14/2025 13:09	247993

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

Lab ID: 25111223-023 **Client Sample ID:** TB-001-WQ-20251111

Matrix: TRIP BLANK **Collection Date:** 11/13/2025 16:02

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	11/14/2025 13:36	247993
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	11/14/2025 13:36	247993
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	11/14/2025 13:36	247993
m,p-Xylenes	NELAP	0.22	1.00		**ND**	µg/L	1	11/14/2025 13:36	247993
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	11/14/2025 13:36	247993
Naphthalene	NELAP	0.57	2.00		**ND**	µg/L	1	11/14/2025 13:36	247993
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	11/14/2025 13:36	247993
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	11/14/2025 13:36	247993
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	11/14/2025 13:36	247993
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	11/14/2025 13:36	247993
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**88.6**	%REC	1	11/14/2025 13:36	247993
Surr: 4-Bromofluorobenzene	*	0	80-120		**96.0**	%REC	1	11/14/2025 13:36	247993
Surr: Dibromofluoromethane	*	0	80-120		**96.1**	%REC	1	11/14/2025 13:36	247993
Surr: Toluene-d8	*	0	80-120		**98.6**	%REC	1	11/14/2025 13:36	247993

Client: ERM
Work Order: 25111223
Client Project: Ameren Taylorville 4th Qtr 2025
Report Date: 21-Nov-25

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
25111223-001	GW-04R-WG-20251113	Groundwater	2	11/13/2025 14:10
25111223-002	GW-05-WG-20251111	Groundwater	2	11/11/2025 13:55
25111223-003	GW-07-WG-20251111	Groundwater	2	11/11/2025 17:00
25111223-004	GW-14-WG-20251113	Groundwater	2	11/13/2025 11:32
25111223-005	GW-15-WG-20251113	Groundwater	2	11/13/2025 13:42
25111223-006	GW-16S-WG-20251112	Groundwater	2	11/12/2025 9:47
25111223-007	GW-16D-WG-20251112	Groundwater	2	11/12/2025 8:45
25111223-008	GW-17-WG-20251112	Groundwater	2	11/12/2025 11:20
25111223-009	GW-18S-WG-20251113	Groundwater	2	11/13/2025 10:20
25111223-010	GW-18D-WG-20251113	Groundwater	2	11/13/2025 9:55
25111223-011	DUP-002-WG-20251113	Groundwater	2	11/13/2025 0:02
25111223-012	GW-26-WG-20251111	Groundwater	2	11/11/2025 14:55
25111223-013	EQB-001-WQ-20251111	Groundwater	2	11/11/2025 12:15
25111223-014	EQB-002-WQ-20251112	Groundwater	2	11/12/2025 13:20
25111223-015	GW-20FF-WG-20251112	Groundwater	2	11/12/2025 13:30
25111223-016	GW-25-WG-20251112	Groundwater	2	11/12/2025 12:10
25111223-017	GW-19S-WG-20251112	Groundwater	2	11/12/2025 16:00
25111223-018	GW-19D-WG-20251112	Groundwater	2	11/12/2025 15:30
25111223-019	GW-20-WG-20251112	Groundwater	2	11/12/2025 13:30
25111223-020	GW-22S-WG-20251112	Groundwater	2	11/12/2025 16:35
25111223-021	GW-22D-WG-20251113	Groundwater	2	11/13/2025 8:40
25111223-022	DUP-001-WG-20251111	Groundwater	2	11/11/2025 0:01
25111223-023	TB-001-WQ-20251111	Trip Blank	1	11/13/2025 16:02

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
25111223-001A	GW-04R-WG-20251113	11/13/2025 14:10	11/13/2025 16:02		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/18/2025 11:12	11/18/2025 16:47
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/19/2025 13:40	11/20/2025 10:17
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/19/2025 13:40	11/20/2025 12:35
25111223-001B	GW-04R-WG-20251113	11/13/2025 14:10	11/13/2025 16:02		
	SW-846 5030B, 8260B, Volatile Organic Compounds by GC/MS				11/15/2025 6:53
25111223-002A	GW-05-WG-20251111	11/11/2025 13:55	11/13/2025 16:02		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/14/2025 11:36	11/17/2025 12:31
25111223-002B	GW-05-WG-20251111	11/11/2025 13:55	11/13/2025 16:02		
	SW-846 5030B, 8260B, Volatile Organic Compounds by GC/MS				11/14/2025 22:06
25111223-003A	GW-07-WG-20251111	11/11/2025 17:00	11/13/2025 16:02		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/14/2025 11:36	11/17/2025 13:12
25111223-003B	GW-07-WG-20251111	11/11/2025 17:00	11/13/2025 16:02		
	SW-846 5030B, 8260B, Volatile Organic Compounds by GC/MS				11/14/2025 22:31
25111223-004A	GW-14-WG-20251113	11/13/2025 11:32	11/13/2025 16:02		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/14/2025 11:36	11/17/2025 13:52
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/14/2025 11:36	11/20/2025 9:01
25111223-004B	GW-14-WG-20251113	11/13/2025 11:32	11/13/2025 16:02		
	SW-846 5030B, 8260B, Volatile Organic Compounds by GC/MS				11/14/2025 22:56
25111223-005A	GW-15-WG-20251113	11/13/2025 13:42	11/13/2025 16:02		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/14/2025 11:36	11/17/2025 15:50
25111223-005B	GW-15-WG-20251113	11/13/2025 13:42	11/13/2025 16:02		
	SW-846 5030B, 8260B, Volatile Organic Compounds by GC/MS				11/14/2025 23:21
25111223-006A	GW-16S-WG-20251112	11/12/2025 9:47	11/13/2025 16:02		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/14/2025 11:36	11/17/2025 16:29
25111223-006B	GW-16S-WG-20251112	11/12/2025 9:47	11/13/2025 16:02		
	SW-846 5030B, 8260B, Volatile Organic Compounds by GC/MS				11/14/2025 23:46
25111223-007A	GW-16D-WG-20251112	11/12/2025 8:45	11/13/2025 16:02		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/14/2025 11:36	11/17/2025 17:09
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/18/2025 18:16	11/19/2025 10:22
25111223-007B	GW-16D-WG-20251112	11/12/2025 8:45	11/13/2025 16:02		
	SW-846 5030B, 8260B, Volatile Organic Compounds by GC/MS				11/15/2025 0:11
25111223-008A	GW-17-WG-20251112	11/12/2025 11:20	11/13/2025 16:02		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/14/2025 11:36	11/17/2025 17:48
25111223-008B	GW-17-WG-20251112	11/12/2025 11:20	11/13/2025 16:02		

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
	SW-846 5030B, 8260B, Volatile Organic Compounds by GC/MS				11/15/2025 0:36
25111223-009A	GW-18S-WG-20251113	11/13/2025 10:20	11/13/2025 16:02		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/14/2025 11:36	11/17/2025 18:27
25111223-009B	GW-18S-WG-20251113	11/13/2025 10:20	11/13/2025 16:02		
	SW-846 5030B, 8260B, Volatile Organic Compounds by GC/MS				11/15/2025 1:01
25111223-010A	GW-18D-WG-20251113	11/13/2025 9:55	11/13/2025 16:02		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/14/2025 11:36	11/17/2025 19:07
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/18/2025 18:16	11/19/2025 10:59
25111223-010B	GW-18D-WG-20251113	11/13/2025 9:55	11/13/2025 16:02		
	SW-846 5030B, 8260B, Volatile Organic Compounds by GC/MS				11/15/2025 1:27
25111223-011A	DUP-002-WG-20251113	11/13/2025 0:02	11/13/2025 16:02		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/19/2025 13:40	11/20/2025 10:55
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/19/2025 13:40	11/20/2025 13:13
25111223-011B	DUP-002-WG-20251113	11/13/2025 0:02	11/13/2025 16:02		
	SW-846 5030B, 8260B, Volatile Organic Compounds by GC/MS				11/15/2025 1:52
	SW-846 5030B, 8260B, Volatile Organic Compounds by GC/MS				11/17/2025 16:21
25111223-012A	GW-26-WG-20251111	11/11/2025 14:55	11/13/2025 16:02		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/14/2025 11:36	11/17/2025 19:47
25111223-012B	GW-26-WG-20251111	11/11/2025 14:55	11/13/2025 16:02		
	SW-846 5030B, 8260B, Volatile Organic Compounds by GC/MS				11/15/2025 2:17
	SW-846 5030B, 8260B, Volatile Organic Compounds by GC/MS				11/17/2025 15:55
25111223-013A	EQB-001-WQ-20251111	11/11/2025 12:15	11/13/2025 16:02		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/14/2025 13:46	11/17/2025 20:27
25111223-013B	EQB-001-WQ-20251111	11/11/2025 12:15	11/13/2025 16:02		
	SW-846 5030B, 8260B, Volatile Organic Compounds by GC/MS				11/15/2025 2:42
25111223-014A	EQB-002-WQ-20251112	11/12/2025 13:20	11/13/2025 16:02		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/14/2025 13:46	11/17/2025 21:06
25111223-014B	EQB-002-WQ-20251112	11/12/2025 13:20	11/13/2025 16:02		
	SW-846 5030B, 8260B, Volatile Organic Compounds by GC/MS				11/15/2025 3:07
25111223-015A	GW-20FF-WG-20251112	11/12/2025 13:30	11/13/2025 16:02		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/14/2025 13:46	11/17/2025 21:45
25111223-015B	GW-20FF-WG-20251112	11/12/2025 13:30	11/13/2025 16:02		
	SW-846 5030B, 8260B, Volatile Organic Compounds by GC/MS				11/15/2025 3:32
25111223-016A	GW-25-WG-20251112	11/12/2025 12:10	11/13/2025 16:02		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/14/2025 13:46	11/17/2025 22:25

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
25111223-016B	GW-25-WG-20251112	11/12/2025 12:10	11/13/2025 16:02		
	SW-846 5030B, 8260B, Volatile Organic Compounds by GC/MS				11/15/2025 3:57
25111223-017A	GW-19S-WG-20251112	11/12/2025 16:00	11/13/2025 16:02		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/14/2025 13:46	11/18/2025 0:24
25111223-017B	GW-19S-WG-20251112	11/12/2025 16:00	11/13/2025 16:02		
	SW-846 5030B, 8260B, Volatile Organic Compounds by GC/MS				11/18/2025 12:39
25111223-018A	GW-19D-WG-20251112	11/12/2025 15:30	11/13/2025 16:02		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/14/2025 13:46	11/18/2025 1:04
25111223-018B	GW-19D-WG-20251112	11/12/2025 15:30	11/13/2025 16:02		
	SW-846 5030B, 8260B, Volatile Organic Compounds by GC/MS				11/15/2025 5:38
25111223-019A	GW-20-WG-20251112	11/12/2025 13:30	11/13/2025 16:02		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/17/2025 11:38	11/18/2025 13:26
25111223-019B	GW-20-WG-20251112	11/12/2025 13:30	11/13/2025 16:02		
	SW-846 5030B, 8260B, Volatile Organic Compounds by GC/MS				11/15/2025 6:03
25111223-020A	GW-22S-WG-20251112	11/12/2025 16:35	11/13/2025 16:02		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/17/2025 11:38	11/18/2025 14:06
25111223-020B	GW-22S-WG-20251112	11/12/2025 16:35	11/13/2025 16:02		
	SW-846 5030B, 8260B, Volatile Organic Compounds by GC/MS				11/15/2025 6:28
25111223-021A	GW-22D-WG-20251113	11/13/2025 8:40	11/13/2025 16:02		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/17/2025 11:38	11/18/2025 14:45
25111223-021B	GW-22D-WG-20251113	11/13/2025 8:40	11/13/2025 16:02		
	SW-846 5030B, 8260B, Volatile Organic Compounds by GC/MS				11/14/2025 21:41
25111223-022A	DUP-001-WG-20251111	11/11/2025 0:01	11/13/2025 16:02		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/17/2025 11:38	11/18/2025 15:25
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/19/2025 13:40	11/20/2025 11:57
25111223-022B	DUP-001-WG-20251111	11/11/2025 0:01	11/13/2025 16:02		
	SW-846 5030B, 8260B, Volatile Organic Compounds by GC/MS				11/14/2025 13:09
25111223-023A	TB-001-WQ-20251111	11/13/2025 16:02	11/13/2025 16:02		
	SW-846 5030B, 8260B, Volatile Organic Compounds by GC/MS				11/14/2025 13:36

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

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

Batch 247950 **SampType:** MBLK Units **mg/L**

SampID: MBLK-247950

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**ND**						11/17/2025
Acenaphthylene		0.000100		**ND**						11/17/2025
Anthracene		0.000300		**ND**						11/17/2025
Benzo(a)anthracene		0.000100		**ND**						11/17/2025
Benzo(a)pyrene		0.000200		**ND**						11/17/2025
Benzo(b)fluoranthene		0.000200		**ND**						11/17/2025
Benzo(g,h,i)perylene		0.000200		**ND**						11/17/2025
Benzo(k)fluoranthene		0.000200		**ND**						11/17/2025
Bis(2-ethylhexyl)phthalate		0.00600		**ND**						11/17/2025
Chrysene		0.000200		**ND**						11/17/2025
Dibenzo(a,h)anthracene		0.000100		**ND**						11/17/2025
Di-n-butyl phthalate		0.0100		**ND**						11/17/2025
Fluoranthene		0.000300		**ND**						11/17/2025
Fluorene		0.000200		**ND**						11/17/2025
Indeno(1,2,3-cd)pyrene		0.000200		**ND**						11/17/2025
m,p-Cresol		0.0100		**ND**						11/17/2025
Naphthalene		0.000400		**ND**						11/17/2025
o-Cresol		0.0100		**ND**						11/17/2025
Phenanthrene		0.000600		**ND**						11/17/2025
Pyrene		0.000200		**ND**						11/17/2025
Surr: 2,4,6-Tribromophenol	*			**0.00182**	0.0020		91.0	63.2	171	11/17/2025
Surr: 2-Fluorobiphenyl	*			**0.000815**	0.0010		81.5	48.7	111	11/17/2025
Surr: 2-Fluorophenol	*			**0.00240**	0.0020		119.8	51.1	132	11/17/2025
Surr: Nitrobenzene-d5	*			**0.000944**	0.0010		94.4	59.6	110	11/17/2025
Surr: Phenol-d5	*			**0.00140**	0.0020		69.8	44.3	119	11/17/2025
Surr: p-Terphenyl-d14	*			**0.00102**	0.0010		101.9	52.1	138	11/17/2025

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

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

Batch 247950 **SampType:** LCS Units **mg/L**

SampID: LCS-247950

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**0.00191**	0.0020	0	95.7	47	102	11/17/2025
Acenaphthylene		0.000100		**0.00201**	0.0020	0	100.6	44	107	11/17/2025
Anthracene		0.000300		**0.00210**	0.0020	0	105.2	54.5	107	11/17/2025
Benzo(a)anthracene		0.000100		**0.00219**	0.0020	0	109.5	50.9	114	11/17/2025
Benzo(a)pyrene		0.000200		**0.00239**	0.0020	0	119.4	56.6	127	11/17/2025
Benzo(b)fluoranthene		0.000200		**0.00239**	0.0020	0	119.4	49	134	11/17/2025
Benzo(g,h,i)perylene		0.000200		**0.00217**	0.0020	0	108.6	41.2	133	11/17/2025
Benzo(k)fluoranthene		0.000200		**0.00211**	0.0020	0	105.6	61	115	11/17/2025
Bis(2-ethylhexyl)phthalate		0.00600	JS	**0.0038**	0.0020	0	187.4	53.3	164	11/17/2025
Chrysene		0.000200		**0.00201**	0.0020	0	100.7	55.3	112	11/17/2025
Dibenzo(a,h)anthracene		0.000100		**0.00226**	0.0020	0	112.9	47	155	11/17/2025
Di-n-butyl phthalate		0.0100	JS	**0.0028**	0.0020	0	138.9	63.3	130	11/17/2025
Fluoranthene		0.000300		**0.00208**	0.0020	0	103.8	55.7	113	11/17/2025
Fluorene		0.000200		**0.00195**	0.0020	0	97.3	50.2	106	11/17/2025
Indeno(1,2,3-cd)pyrene		0.000200		**0.00220**	0.0020	0	110.0	43.9	150	11/17/2025
m,p-Cresol		0.0100		**0.0165**	0.0200	0	82.6	38.6	97.6	11/17/2025
Naphthalene		0.000400		**0.00179**	0.0020	0	89.4	38.1	102	11/17/2025
o-Cresol		0.0100		**0.0173**	0.0200	0	86.3	42.6	98.6	11/17/2025
Phenanthrene		0.000600		**0.00216**	0.0020	0	108.0	48.9	118	11/17/2025
Pyrene		0.000200		**0.00200**	0.0020	0	100.2	50.5	112	11/17/2025
Surr: 2,4,6-Tribromophenol	*			**0.00249**	0.0020		124.5	63.2	171	11/17/2025
Surr: 2-Fluorobiphenyl	*			**0.000923**	0.0010		92.3	48.7	111	11/17/2025
Surr: 2-Fluorophenol	*			**0.00241**	0.0020		120.6	51.1	132	11/17/2025
Surr: Nitrobenzene-d5	*			**0.00101**	0.0010		100.8	59.6	110	11/17/2025
Surr: Phenol-d5	*			**0.00188**	0.0020		94.0	44.3	119	11/17/2025
Surr: p-Terphenyl-d14	*			**0.000996**	0.0010		99.6	52.1	138	11/17/2025

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

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

Batch **247950** **SampType:** **LCSD** Units **mg/L** RPD Limit: **34.5**

SampID: LCSD-247950

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		**0.00195**	0.0020	0	97.3	0.001914	1.70	11/17/2025
Acenaphthylene		0.000100		**0.00205**	0.0020	0	102.7	0.002012	2.08	11/17/2025
Anthracene		0.000300		**0.00206**	0.0020	0	103.2	0.002105	1.99	11/17/2025
Benzo(a)anthracene		0.000100		**0.00222**	0.0020	0	111.2	0.002190	1.53	11/17/2025
Benzo(a)pyrene		0.000200		**0.00240**	0.0020	0	119.9	0.002389	0.40	11/17/2025
Benzo(b)fluoranthene		0.000200		**0.00244**	0.0020	0	121.9	0.002389	2.07	11/17/2025
Benzo(g,h,i)perylene		0.000200		**0.00220**	0.0020	0	109.9	0.002173	1.14	11/17/2025
Benzo(k)fluoranthene		0.000200		**0.00215**	0.0020	0	107.5	0.002113	1.72	11/17/2025
Bis(2-ethylhexyl)phthalate		0.00600	JS	**0.0035**	0.0020	0	174.4	0.003747	0.00	11/17/2025
Chrysene		0.000200		**0.00192**	0.0020	0	96.2	0.002014	4.59	11/17/2025
Dibenzo(a,h)anthracene		0.000100		**0.00233**	0.0020	0	116.7	0.002257	3.37	11/17/2025
Di-n-butyl phthalate		0.0100	JS	**0.0028**	0.0020	0	139.4	0.002778	0.00	11/17/2025
Fluoranthene		0.000300		**0.00211**	0.0020	0	105.7	0.002076	1.81	11/17/2025
Fluorene		0.000200		**0.00193**	0.0020	0	96.7	0.001947	0.61	11/17/2025
Indeno(1,2,3-cd)pyrene		0.000200		**0.00225**	0.0020	0	112.6	0.002199	2.39	11/17/2025
m,p-Cresol		0.0100		**0.0186**	0.0200	0	92.9	0.01652	11.75	11/17/2025
Naphthalene		0.000400		**0.00187**	0.0020	0	93.6	0.001788	4.59	11/17/2025
o-Cresol		0.0100		**0.0187**	0.0200	0	93.5	0.01726	7.99	11/17/2025
Phenanthrene		0.000600		**0.00211**	0.0020	0	105.6	0.002160	2.23	11/17/2025
Pyrene		0.000200		**0.00205**	0.0020	0	102.7	0.002004	2.51	11/17/2025
Surr: 2,4,6-Tribromophenol	*			**0.00203**	0.0020		101.4			11/17/2025
Surr: 2-Fluorobiphenyl	*			**0.000915**	0.0010		91.5			11/17/2025
Surr: 2-Fluorophenol	*			**0.00249**	0.0020		124.6			11/17/2025
Surr: Nitrobenzene-d5	*			**0.00104**	0.0010		104.0			11/17/2025
Surr: Phenol-d5	*			**0.00204**	0.0020		101.8			11/17/2025
Surr: p-Terphenyl-d14	*			**0.00101**	0.0010		101.5			11/17/2025

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

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

Batch **247950** **SampType:** **MS** Units **mg/L**

SampID: 25111223-016AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**0.00181**	0.0020	0	90.7	28.9	125	11/17/2025
Acenaphthylene		0.000100		**0.00189**	0.0020	0	94.4	30.2	126	11/17/2025
Anthracene		0.000300		**0.00189**	0.0020	0	94.4	36.6	127	11/17/2025
Benzo(a)anthracene		0.000100		**0.00203**	0.0020	0	101.5	33.3	134	11/17/2025
Benzo(a)pyrene		0.000200		**0.00227**	0.0020	0	113.7	22.5	144	11/17/2025
Benzo(b)fluoranthene		0.000200		**0.00235**	0.0020	0	117.5	39.3	140	11/17/2025
Benzo(g,h,i)perylene		0.000200		**0.00229**	0.0020	0	114.6	37.8	130	11/17/2025
Benzo(k)fluoranthene		0.000200		**0.00204**	0.0020	0	101.9	36.9	137	11/17/2025
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0024**	0.0020	0	118.5	25.7	211	11/17/2025
Chrysene		0.000200		**0.00179**	0.0020	0	89.4	33.9	138	11/17/2025
Dibenzo(a,h)anthracene		0.000100		**0.00273**	0.0020	0	136.6	33.8	151	11/17/2025
Di-n-butyl phthalate		0.0100	J	**0.0021**	0.0020	0	105.8	52.3	162	11/17/2025
Fluoranthene		0.000300		**0.00204**	0.0020	0	101.8	43.5	135	11/17/2025
Fluorene		0.000200		**0.00189**	0.0020	0	94.4	35.7	129	11/17/2025
Indeno(1,2,3-cd)pyrene		0.000200		**0.00243**	0.0020	0	121.5	34	149	11/17/2025
m,p-Cresol		0.0100		**0.0173**	0.0200	0	86.5	52.9	105	11/17/2025
Naphthalene		0.000400		**0.00172**	0.0020	0	86.1	20.8	125	11/17/2025
o-Cresol		0.0100		**0.0177**	0.0200	0	88.7	57.6	104	11/17/2025
Phenanthrene		0.000600		**0.00192**	0.0020	0	96.2	36.8	137	11/17/2025
Pyrene		0.000200		**0.00202**	0.0020	0	101.2	39.2	129	11/17/2025
Surr: 2,4,6-Tribromophenol	*			**0.00212**	0.0020		106.1	31.7	161	11/17/2025
Surr: 2-Fluorobiphenyl	*			**0.000916**	0.0010		91.6	37.7	123	11/17/2025
Surr: 2-Fluorophenol	*			**0.00188**	0.0020		94.0	30	130	11/17/2025
Surr: Nitrobenzene-d5	*			**0.000941**	0.0010		94.1	40.7	126	11/17/2025
Surr: Phenol-d5	*			**0.00174**	0.0020		86.9	20.5	122	11/17/2025
Surr: p-Terphenyl-d14	*			**0.00104**	0.0010		104.2	44	147	11/17/2025

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

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

Batch **247950** **SampType:** **MSD** Units **mg/L** RPD Limit: **22.6**

SampID: 25111223-016AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		**0.00167**	0.0020	0	83.6	0.001813	8.16	11/17/2025
Acenaphthylene		0.000100		**0.00173**	0.0020	0	86.5	0.001887	8.73	11/17/2025
Anthracene		0.000300		**0.00178**	0.0020	0	89.2	0.001889	5.70	11/17/2025
Benzo(a)anthracene		0.000100		**0.00194**	0.0020	0	97.1	0.002030	4.47	11/17/2025
Benzo(a)pyrene		0.000200		**0.00215**	0.0020	0	107.6	0.002274	5.51	11/17/2025
Benzo(b)fluoranthene		0.000200		**0.00224**	0.0020	0	111.9	0.002349	4.87	11/17/2025
Benzo(g,h,i)perylene		0.000200		**0.00219**	0.0020	0	109.4	0.002293	4.63	11/17/2025
Benzo(k)fluoranthene		0.000200		**0.00192**	0.0020	0	96.2	0.002038	5.78	11/17/2025
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0023**	0.0020	0	116.5	0.002370	0.00	11/17/2025
Chrysene		0.000200		**0.00173**	0.0020	0	86.3	0.001787	3.51	11/17/2025
Dibenzo(a,h)anthracene		0.000100		**0.00261**	0.0020	0	130.7	0.002732	4.46	11/17/2025
Di-n-butyl phthalate		0.0100	J	**0.0020**	0.0020	0	100.3	0.002115	0.00	11/17/2025
Fluoranthene		0.000300		**0.00194**	0.0020	0	97.0	0.002036	4.87	11/17/2025
Fluorene		0.000200		**0.00177**	0.0020	0	88.7	0.001888	6.21	11/17/2025
Indeno(1,2,3-cd)pyrene		0.000200		**0.00236**	0.0020	0	117.9	0.002430	3.05	11/17/2025
m,p-Cresol		0.0100		**0.0163**	0.0200	0	81.6	0.01729	5.74	11/17/2025
Naphthalene		0.000400		**0.00152**	0.0020	0	76.2	0.001722	12.16	11/17/2025
o-Cresol		0.0100		**0.0169**	0.0200	0	84.6	0.01774	4.77	11/17/2025
Phenanthrene		0.000600		**0.00183**	0.0020	0	91.7	0.001924	4.84	11/17/2025
Pyrene		0.000200		**0.00184**	0.0020	0	92.1	0.002024	9.37	11/17/2025
Surr: 2,4,6-Tribromophenol	*			**0.00202**	0.0020		100.9			11/17/2025
Surr: 2-Fluorobiphenyl	*			**0.000844**	0.0010		84.4			11/17/2025
Surr: 2-Fluorophenol	*			**0.00183**	0.0020		91.4			11/17/2025
Surr: Nitrobenzene-d5	*			**0.000884**	0.0010		88.4			11/17/2025
Surr: Phenol-d5	*			**0.00168**	0.0020		83.8			11/17/2025
Surr: p-Terphenyl-d14	*			**0.000989**	0.0010		98.9			11/17/2025

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

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

Batch 248053 **SampType:** MBLK Units **mg/L**

SampID: MBLK-248053

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**ND**						11/20/2025
Acenaphthylene		0.000100		**ND**						11/20/2025
Anthracene		0.000300		**ND**						11/20/2025
Benzo(a)anthracene		0.000100		**ND**						11/20/2025
Benzo(a)pyrene		0.000200		**ND**						11/20/2025
Benzo(b)fluoranthene		0.000200		**ND**						11/20/2025
Benzo(g,h,i)perylene		0.000200		**ND**						11/20/2025
Benzo(k)fluoranthene		0.000200		**ND**						11/20/2025
Bis(2-ethylhexyl)phthalate		0.00600		**ND**						11/20/2025
Chrysene		0.000200		**ND**						11/20/2025
Dibenzo(a,h)anthracene		0.000100		**ND**						11/20/2025
Di-n-butyl phthalate		0.0100		**ND**						11/20/2025
Fluoranthene		0.000300		**ND**						11/20/2025
Fluorene		0.000200		**ND**						11/20/2025
Indeno(1,2,3-cd)pyrene		0.000200		**ND**						11/20/2025
m,p-Cresol		0.0100		**ND**						11/20/2025
Naphthalene		0.000400		**ND**						11/20/2025
o-Cresol		0.0100		**ND**						11/20/2025
Phenanthrene		0.000600		**ND**						11/20/2025
Pyrene		0.000200		**ND**						11/20/2025
Surr: 2,4,6-Tribromophenol	*			**0.00189**	0.0020		94.4	52	167	11/20/2025
Surr: 2-Fluorobiphenyl	*			**0.000725**	0.0010		72.5	45.4	109	11/20/2025
Surr: 2-Fluorophenol	*			**0.00104**	0.0020		52.0	48.6	130	11/20/2025
Surr: Nitrobenzene-d5	*			**0.000696**	0.0010		69.6	42.3	114	11/20/2025
Surr: Phenol-d5	*			**0.000768**	0.0020		38.4	38.1	120	11/20/2025
Surr: p-Terphenyl-d14	*			**0.000910**	0.0010		91.0	55.9	132	11/20/2025

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

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

Batch 248053 **SampType:** LCS Units **mg/L**

SampID: LCS-248053

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**0.00148**	0.0020	0	73.9	47	102	11/18/2025
Acenaphthylene		0.000100		**0.00155**	0.0020	0	77.7	44	107	11/18/2025
Anthracene		0.000300		**0.00165**	0.0020	0	82.6	54.5	107	11/18/2025
Benzo(a)anthracene		0.000100		**0.00175**	0.0020	0	87.6	50.9	114	11/18/2025
Benzo(a)pyrene		0.000200		**0.00196**	0.0020	0	98.2	56.6	127	11/18/2025
Benzo(b)fluoranthene		0.000200		**0.00209**	0.0020	0	104.6	49	134	11/18/2025
Benzo(g,h,i)perylene		0.000200		**0.00201**	0.0020	0	100.5	41.2	133	11/18/2025
Benzo(k)fluoranthene		0.000200		**0.00174**	0.0020	0	87.1	61	115	11/18/2025
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0023**	0.0020	0	113.2	53.3	164	11/18/2025
Chrysene		0.000200		**0.00156**	0.0020	0	78.0	55.3	112	11/18/2025
Dibenzo(a,h)anthracene		0.000100		**0.00239**	0.0020	0	119.7	47	155	11/18/2025
Di-n-butyl phthalate		0.0100	J	**0.0019**	0.0020	0	96.4	63.3	130	11/18/2025
Fluoranthene		0.000300		**0.00182**	0.0020	0	91.0	55.7	113	11/18/2025
Fluorene		0.000200		**0.00160**	0.0020	0	80.2	50.2	106	11/18/2025
Indeno(1,2,3-cd)pyrene		0.000200		**0.00211**	0.0020	0	105.6	43.9	150	11/18/2025
m,p-Cresol		0.0100		**0.0153**	0.0200	0	76.7	38.6	97.6	11/18/2025
Naphthalene		0.000400		**0.00138**	0.0020	0	68.9	38.1	102	11/18/2025
o-Cresol		0.0100		**0.0158**	0.0200	0	79.1	42.6	98.6	11/18/2025
Phenanthrene		0.000600		**0.00169**	0.0020	0	84.4	48.9	118	11/18/2025
Pyrene		0.000200		**0.00176**	0.0020	0	88.1	50.5	112	11/18/2025
Surr: 2,4,6-Tribromophenol	*			**0.00214**	0.0020		106.9	63.2	171	11/18/2025
Surr: 2-Fluorobiphenyl	*			**0.000837**	0.0010		83.7	48.7	111	11/18/2025
Surr: 2-Fluorophenol	*			**0.00174**	0.0020		86.8	51.1	132	11/18/2025
Surr: Nitrobenzene-d5	*			**0.000844**	0.0010		84.4	59.6	110	11/18/2025
Surr: Phenol-d5	*			**0.00169**	0.0020		84.3	44.3	119	11/18/2025
Surr: p-Terphenyl-d14	*			**0.000952**	0.0010		95.2	52.1	138	11/18/2025

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

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

Batch 248053 **SampType:** LCSD Units **mg/L** RPD Limit: **34.5**

SampID: LCSD-248053

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		**0.00143**	0.0020	0	71.3	0.001478	3.62	11/18/2025
Acenaphthylene		0.000100		**0.00151**	0.0020	0	75.4	0.001553	2.97	11/18/2025
Anthracene		0.000300		**0.00158**	0.0020	0	79.2	0.001652	4.20	11/18/2025
Benzo(a)anthracene		0.000100		**0.00170**	0.0020	0	85.2	0.001753	2.81	11/18/2025
Benzo(a)pyrene		0.000200		**0.00191**	0.0020	0	95.4	0.001964	2.93	11/18/2025
Benzo(b)fluoranthene		0.000200		**0.00203**	0.0020	0	101.3	0.002092	3.20	11/18/2025
Benzo(g,h,i)perylene		0.000200		**0.00194**	0.0020	0	97.2	0.002010	3.39	11/18/2025
Benzo(k)fluoranthene		0.000200		**0.00172**	0.0020	0	85.8	0.001741	1.49	11/18/2025
Bis(2-ethylhexyl)phthalate		0.00600	JS	**0.0046**	0.0020	0	228.2	0.002265	0.00	11/18/2025
Chrysene		0.000200		**0.00152**	0.0020	0	76.2	0.001560	2.37	11/18/2025
Dibenzo(a,h)anthracene		0.000100		**0.00232**	0.0020	0	116.2	0.002393	2.96	11/18/2025
Di-n-butyl phthalate		0.0100	J	**0.0019**	0.0020	0	93.9	0.001927	0.00	11/18/2025
Fluoranthene		0.000300		**0.00176**	0.0020	0	88.2	0.001819	3.06	11/18/2025
Fluorene		0.000200		**0.00155**	0.0020	0	77.6	0.001603	3.25	11/18/2025
Indeno(1,2,3-cd)pyrene		0.000200		**0.00206**	0.0020	0	102.8	0.002113	2.70	11/18/2025
m,p-Cresol		0.0100		**0.0147**	0.0200	0	73.6	0.01534	4.18	11/18/2025
Naphthalene		0.000400		**0.00138**	0.0020	0	69.0	0.001378	0.17	11/18/2025
o-Cresol		0.0100		**0.0152**	0.0200	0	75.9	0.01581	4.15	11/18/2025
Phenanthrene		0.000600		**0.00164**	0.0020	0	82.0	0.001687	2.89	11/18/2025
Pyrene		0.000200		**0.00173**	0.0020	0	86.4	0.001762	1.92	11/18/2025
Surr: 2,4,6-Tribromophenol	*			**0.00180**	0.0020		90.0			11/18/2025
Surr: 2-Fluorobiphenyl	*			**0.000794**	0.0010		79.4			11/18/2025
Surr: 2-Fluorophenol	*			**0.00164**	0.0020		82.0			11/18/2025
Surr: Nitrobenzene-d5	*			**0.000800**	0.0010		80.0			11/18/2025
Surr: Phenol-d5	*			**0.00150**	0.0020		75.2			11/18/2025
Surr: p-Terphenyl-d14	*			**0.000878**	0.0010		87.8			11/18/2025

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

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

Batch 248175 **SampType:** MBLK Units **mg/L**

SampID: MBLK-248175

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**ND**						11/19/2025
Acenaphthylene		0.000100		**ND**						11/19/2025
Anthracene		0.000300		**ND**						11/19/2025
Benzo(a)anthracene		0.000100		**ND**						11/19/2025
Benzo(a)pyrene		0.000200		**ND**						11/19/2025
Benzo(b)fluoranthene		0.000200		**ND**						11/19/2025
Benzo(g,h,i)perylene		0.000200		**ND**						11/19/2025
Benzo(k)fluoranthene		0.000200		**ND**						11/19/2025
Bis(2-ethylhexyl)phthalate		0.00600		**ND**						11/19/2025
Chrysene		0.000200		**ND**						11/19/2025
Dibenzo(a,h)anthracene		0.000100		**ND**						11/19/2025
Di-n-butyl phthalate		0.0100		**ND**						11/19/2025
Fluoranthene		0.000300		**ND**						11/19/2025
Fluorene		0.000200		**ND**						11/19/2025
Indeno(1,2,3-cd)pyrene		0.000200		**ND**						11/19/2025
m,p-Cresol		0.0100		**ND**						11/19/2025
Naphthalene		0.000400		**ND**						11/19/2025
o-Cresol		0.0100		**ND**						11/19/2025
Phenanthrene		0.000600		**ND**						11/19/2025
Pyrene		0.000200		**ND**						11/19/2025
Surr: 2,4,6-Tribromophenol	*			**0.00200**	0.0020		100.2	63.2	171	11/19/2025
Surr: 2-Fluorobiphenyl	*			**0.000793**	0.0010		79.3	48.7	111	11/19/2025
Surr: 2-Fluorophenol	*			**0.00158**	0.0020		79.1	51.1	132	11/19/2025
Surr: Nitrobenzene-d5	*			**0.000774**	0.0010		77.4	59.6	110	11/19/2025
Surr: Phenol-d5	*			**0.00142**	0.0020		70.8	44.3	119	11/19/2025
Surr: p-Terphenyl-d14	*			**0.000993**	0.0010		99.3	52.1	138	11/19/2025

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

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

Batch 248175 **SampType:** LCS Units **mg/L**

SampID: LCS-248175

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**0.00156**	0.0020	0	78.2	47	102	11/19/2025
Acenaphthylene		0.000100		**0.00163**	0.0020	0	81.5	44	107	11/19/2025
Anthracene		0.000300		**0.00167**	0.0020	0	83.3	54.5	107	11/19/2025
Benzo(a)anthracene		0.000100		**0.00180**	0.0020	0	89.9	50.9	114	11/19/2025
Benzo(a)pyrene		0.000200		**0.00206**	0.0020	0	103.0	56.6	127	11/19/2025
Benzo(b)fluoranthene		0.000200		**0.00221**	0.0020	0	110.5	49	134	11/19/2025
Benzo(g,h,i)perylene		0.000200		**0.00200**	0.0020	0	99.8	41.2	133	11/19/2025
Benzo(k)fluoranthene		0.000200		**0.00170**	0.0020	0	85.0	61	115	11/19/2025
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0022**	0.0020	0	111.4	53.3	164	11/19/2025
Chrysene		0.000200		**0.00156**	0.0020	0	78.2	55.3	112	11/19/2025
Dibenzo(a,h)anthracene		0.000100		**0.00243**	0.0020	0	121.3	47	155	11/19/2025
Di-n-butyl phthalate		0.0100	J	**0.0018**	0.0020	0	91.7	63.3	130	11/19/2025
Fluoranthene		0.000300		**0.00178**	0.0020	0	89.1	55.7	113	11/19/2025
Fluorene		0.000200		**0.00167**	0.0020	0	83.5	50.2	106	11/19/2025
Indeno(1,2,3-cd)pyrene		0.000200		**0.00224**	0.0020	0	112.2	43.9	150	11/19/2025
m,p-Cresol		0.0100		**0.0178**	0.0200	0	88.8	38.6	97.6	11/19/2025
Naphthalene		0.000400		**0.00141**	0.0020	0	70.7	38.1	102	11/19/2025
o-Cresol		0.0100		**0.0174**	0.0200	0	87.0	42.6	98.6	11/19/2025
Phenanthrene		0.000600		**0.00166**	0.0020	0	83.0	48.9	118	11/19/2025
Pyrene		0.000200		**0.00168**	0.0020	0	84.0	50.5	112	11/19/2025
Surr: 2,4,6-Tribromophenol	*			**0.00196**	0.0020		98.0	63.2	171	11/19/2025
Surr: 2-Fluorobiphenyl	*			**0.000853**	0.0010		85.3	48.7	111	11/19/2025
Surr: 2-Fluorophenol	*			**0.00167**	0.0020		83.3	51.1	132	11/19/2025
Surr: Nitrobenzene-d5	*			**0.000755**	0.0010		75.5	59.6	110	11/19/2025
Surr: Phenol-d5	*			**0.00164**	0.0020		81.9	44.3	119	11/19/2025
Surr: p-Terphenyl-d14	*			**0.000923**	0.0010		92.3	52.1	138	11/19/2025

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

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

Batch 248175 **SampType:** LCSD Units **mg/L** RPD Limit: **34.5**

SampID: LCSD-248175

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		**0.00154**	0.0020	0	77.1	0.001564	1.46	11/19/2025
Acenaphthylene		0.000100		**0.00158**	0.0020	0	78.8	0.001630	3.31	11/19/2025
Anthracene		0.000300		**0.00167**	0.0020	0	83.4	0.001665	0.14	11/19/2025
Benzo(a)anthracene		0.000100		**0.00176**	0.0020	0	87.9	0.001798	2.19	11/19/2025
Benzo(a)pyrene		0.000200		**0.00203**	0.0020	0	101.5	0.002060	1.43	11/19/2025
Benzo(b)fluoranthene		0.000200		**0.00216**	0.0020	0	108.0	0.002211	2.28	11/19/2025
Benzo(g,h,i)perylene		0.000200		**0.00198**	0.0020	0	99.0	0.001996	0.79	11/19/2025
Benzo(k)fluoranthene		0.000200		**0.00166**	0.0020	0	83.0	0.001700	2.33	11/19/2025
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0022**	0.0020	0	111.3	0.002229	0.00	11/19/2025
Chrysene		0.000200		**0.00155**	0.0020	0	77.6	0.001563	0.70	11/19/2025
Dibenzo(a,h)anthracene		0.000100		**0.00241**	0.0020	0	120.6	0.002426	0.60	11/19/2025
Di-n-butyl phthalate		0.0100	J	**0.0019**	0.0020	0	93.0	0.001835	0.00	11/19/2025
Fluoranthene		0.000300		**0.00180**	0.0020	0	90.1	0.001782	1.07	11/19/2025
Fluorene		0.000200		**0.00163**	0.0020	0	81.6	0.001670	2.28	11/19/2025
Indeno(1,2,3-cd)pyrene		0.000200		**0.00217**	0.0020	0	108.6	0.002244	3.28	11/19/2025
m,p-Cresol		0.0100		**0.0183**	0.0200	0	91.5	0.01777	2.99	11/19/2025
Naphthalene		0.000400		**0.00132**	0.0020	0	66.2	0.001415	6.68	11/19/2025
o-Cresol		0.0100		**0.0180**	0.0200	0	89.9	0.01740	3.22	11/19/2025
Phenanthrene		0.000600		**0.00166**	0.0020	0	83.1	0.001660	0.06	11/19/2025
Pyrene		0.000200		**0.00165**	0.0020	0	82.3	0.001680	2.07	11/19/2025
Surr: 2,4,6-Tribromophenol	*			**0.00242**	0.0020		120.9			11/19/2025
Surr: 2-Fluorobiphenyl	*			**0.000924**	0.0010		92.4			11/19/2025
Surr: 2-Fluorophenol	*			**0.00156**	0.0020		77.9			11/19/2025
Surr: Nitrobenzene-d5	*			**0.000695**	0.0010		69.5			11/19/2025
Surr: Phenol-d5	*			**0.00170**	0.0020		85.1			11/19/2025
Surr: p-Terphenyl-d14	*			**0.000967**	0.0010		96.7			11/19/2025

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

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

Batch 247993 **SampType:** MBLK Units µg/L

SampID: MBLK-AE251114A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene		0.5		**ND**						11/14/2025
Bromoform		2.0		**ND**						11/14/2025
Ethylbenzene		2.0		**ND**						11/14/2025
m,p-Xylenes		2.0		**ND**						11/14/2025
Methylene chloride		2.0		**ND**						11/14/2025
Naphthalene		5.0		**ND**						11/14/2025
o-Xylene		2.0		**ND**						11/14/2025
Toluene		2.0		**ND**						11/14/2025
trans-1,2-Dichloroethene		2.0		**ND**						11/14/2025
Xylenes, Total		4.0		**ND**						11/14/2025
Surr: 1,2-Dichloroethane-d4	*			**44.1**	50.00		88.2	80	120	11/14/2025
Surr: 4-Bromofluorobenzene	*			**47.4**	50.00		94.7	80	120	11/14/2025
Surr: Dibromofluoromethane	*			**48.1**	50.00		96.2	80	120	11/14/2025
Surr: Toluene-d8	*			**49.2**	50.00		98.3	80	120	11/14/2025

Batch 247993 **SampType:** LCS Units µg/L

SampID: LCS-AE251114A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene		0.5		**48.8**	50.00	0	97.5	86.3	117	11/14/2025
Bromoform		2.0		**51.4**	50.00	0	102.8	81.9	121	11/14/2025
Ethylbenzene		2.0		**47.5**	50.00	0	94.9	84.1	115	11/14/2025
m,p-Xylenes		2.0		**91.1**	100.0	0	91.1	83.7	116	11/14/2025
Methylene chloride		2.0		**43.0**	50.00	0	86.0	78	118	11/14/2025
Naphthalene		5.0		**45.8**	50.00	0	91.6	69.3	128	11/14/2025
o-Xylene		2.0		**45.4**	50.00	0	90.9	83.1	114	11/14/2025
Toluene		2.0		**47.8**	50.00	0	95.6	84.4	115	11/14/2025
trans-1,2-Dichloroethene		2.0		**47.9**	50.00	0	95.8	82.2	117	11/14/2025
Xylenes, Total		4.0		**137**	150.0	0	91.0	83.7	115	11/14/2025
Surr: 1,2-Dichloroethane-d4	*			**43.2**	50.00		86.3	80	120	11/14/2025
Surr: 4-Bromofluorobenzene	*			**49.0**	50.00		98.1	80	120	11/14/2025
Surr: Dibromofluoromethane	*			**48.2**	50.00		96.3	80	120	11/14/2025
Surr: Toluene-d8	*			**48.7**	50.00		97.5	80	120	11/14/2025

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

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

Batch 247993 **SampType:** LCSD Units µg/L RPD Limit: 20

SampID: LCSD-AE251114A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene		0.5		**48.6**	50.00	0	97.1	48.76	0.43	11/14/2025
Bromoform		2.0		**52.3**	50.00	0	104.5	51.41	1.66	11/14/2025
Ethylbenzene		2.0		**47.6**	50.00	0	95.1	47.46	0.21	11/14/2025
m,p-Xylenes		2.0		**91.4**	100.0	0	91.4	91.10	0.36	11/14/2025
Methylene chloride		2.0		**42.4**	50.00	0	84.8	42.98	1.34	11/14/2025
Naphthalene		5.0		**45.5**	50.00	0	91.0	45.80	0.61	11/14/2025
o-Xylene		2.0		**45.9**	50.00	0	91.8	45.43	0.99	11/14/2025
Toluene		2.0		**47.8**	50.00	0	95.7	47.78	0.10	11/14/2025
trans-1,2-Dichloroethene		2.0		**47.6**	50.00	0	95.2	47.88	0.59	11/14/2025
Xylenes, Total		4.0		**137**	150.0	0	91.5	136.5	0.57	11/14/2025
Surr: 1,2-Dichloroethane-d4	*			**43.0**	50.00		86.1			11/14/2025
Surr: 4-Bromofluorobenzene	*			**48.6**	50.00		97.2			11/14/2025
Surr: Dibromofluoromethane	*			**48.2**	50.00		96.3			11/14/2025
Surr: Toluene-d8	*			**49.1**	50.00		98.2			11/14/2025

Batch 247993 **SampType:** LCS Units µg/L

SampID: QCS-AE251114A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene		0.5		**48.8**	50.00	0	97.5	65	135	11/14/2025
Bromoform		2.0		**51.4**	50.00	0	102.8	70	130	11/14/2025
Ethylbenzene		2.0		**47.5**	50.00	0	94.9	60	140	11/14/2025
m,p-Xylenes		2.0		**91.1**	100.0	0	91.1	60	140	11/14/2025
Methylene chloride		2.0		**43.0**	50.00	0	86.0	60	140	11/14/2025
Naphthalene		5.0		**45.8**	50.00	0	91.6	60	140	11/14/2025
o-Xylene		2.0		**45.4**	50.00	0	90.9	60	140	11/14/2025
Toluene		2.0		**47.8**	50.00	0	95.6	70	130	11/14/2025
trans-1,2-Dichloroethene		2.0		**47.9**	50.00	0	95.8	70	130	11/14/2025
Xylenes, Total		4.0		**137**	150.0	0	91.0	60	140	11/14/2025
Surr: 1,2-Dichloroethane-d4	*			**43.2**	50.00		86.3	80	120	11/14/2025
Surr: 4-Bromofluorobenzene	*			**49.0**	50.00		98.1	80	120	11/14/2025
Surr: Dibromofluoromethane	*			**48.2**	50.00		96.3	80	120	11/14/2025
Surr: Toluene-d8	*			**48.7**	50.00		97.5	80	120	11/14/2025

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

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

Batch 247993 **SampType:** LCSD Units µg/L RPD Limit: 40

SampID: QCSD-AE251114A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene		0.5		**48.6**	50.00	0	97.1	48.76	0.43	11/14/2025
Bromoform		2.0		**52.3**	50.00	0	104.5	51.41	1.66	11/14/2025
Ethylbenzene		2.0		**47.6**	50.00	0	95.1	47.46	0.21	11/14/2025
m,p-Xylenes		2.0		**91.4**	100.0	0	91.4	91.10	0.36	11/14/2025
Methylene chloride		2.0		**42.4**	50.00	0	84.8	42.98	1.34	11/14/2025
Naphthalene		5.0		**45.5**	50.00	0	91.0	45.80	0.61	11/14/2025
o-Xylene		2.0		**45.9**	50.00	0	91.8	45.43	0.99	11/14/2025
Toluene		2.0		**47.8**	50.00	0	95.7	47.78	0.10	11/14/2025
trans-1,2-Dichloroethene		2.0		**47.6**	50.00	0	95.2	47.88	0.59	11/14/2025
Xylenes, Total		4.0		**137**	150.0	0	91.5	136.5	0.57	11/14/2025
Surr: 1,2-Dichloroethane-d4	*			**43.0**	50.00		86.1			11/14/2025
Surr: 4-Bromofluorobenzene	*			**48.6**	50.00		97.2			11/14/2025
Surr: Dibromofluoromethane	*			**48.2**	50.00		96.3			11/14/2025
Surr: Toluene-d8	*			**49.1**	50.00		98.2			11/14/2025

Batch 248027 **SampType:** MBLK Units µg/L

SampID: MBLK-AM251114A-2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene		0.5		**ND**						11/14/2025
Bromoform		2.0		**ND**						11/14/2025
Ethylbenzene		2.0		**ND**						11/14/2025
m,p-Xylenes		2.0		**ND**						11/14/2025
Methylene chloride		2.0		**ND**						11/14/2025
Naphthalene		5.0		**ND**						11/14/2025
o-Xylene		2.0		**ND**						11/14/2025
Toluene		2.0		**ND**						11/14/2025
trans-1,2-Dichloroethene		2.0		**ND**						11/14/2025
Xylenes, Total		4.0		**ND**						11/14/2025
Surr: 1,2-Dichloroethane-d4	*			**50.8**	50.00		101.5	80	120	11/14/2025
Surr: 4-Bromofluorobenzene	*			**48.8**	50.00		97.7	80	120	11/14/2025
Surr: Dibromofluoromethane	*			**49.7**	50.00		99.4	80	120	11/14/2025
Surr: Toluene-d8	*			**49.7**	50.00		99.4	80	120	11/14/2025

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

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

Batch 248027 **SampType:** LCS Units µg/L

SampID: LCS-AM251114A-2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene		0.5		**49.0**	50.00	0	98.0	86.3	117	11/14/2025
Bromoform		2.0		**46.7**	50.00	0	93.3	81.9	121	11/14/2025
Ethylbenzene		2.0		**49.2**	50.00	0	98.4	84.1	115	11/14/2025
m,p-Xylenes		2.0		**96.8**	100.0	0	96.8	83.7	116	11/14/2025
Methylene chloride		2.0		**47.8**	50.00	0	95.6	78	118	11/14/2025
Naphthalene		5.0		**44.2**	50.00	0	88.4	69.3	128	11/14/2025
o-Xylene		2.0		**48.3**	50.00	0	96.6	83.1	114	11/14/2025
Toluene		2.0		**45.4**	50.00	0	90.8	84.4	115	11/14/2025
trans-1,2-Dichloroethene		2.0		**49.6**	50.00	0	99.1	82.2	117	11/14/2025
Xylenes, Total		4.0		**145**	150.0	0	96.8	83.7	115	11/14/2025
Surr: 1,2-Dichloroethane-d4	*			**48.9**	50.00		97.7	80	120	11/14/2025
Surr: 4-Bromofluorobenzene	*			**49.4**	50.00		98.8	80	120	11/14/2025
Surr: Dibromofluoromethane	*			**50.2**	50.00		100.4	80	120	11/14/2025
Surr: Toluene-d8	*			**49.5**	50.00		99.0	80	120	11/14/2025

Batch 248027 **SampType:** LCSD Units µg/L RPD Limit: **20**

SampID: LCSD-AM251114A-2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene		0.5		**51.4**	50.00	0	102.8	49.00	4.80	11/14/2025
Bromoform		2.0		**48.8**	50.00	0	97.5	46.66	4.38	11/14/2025
Ethylbenzene		2.0		**51.8**	50.00	0	103.6	49.20	5.17	11/14/2025
m,p-Xylenes		2.0		**102**	100.0	0	102.3	96.85	5.44	11/14/2025
Methylene chloride		2.0		**49.6**	50.00	0	99.1	47.82	3.57	11/14/2025
Naphthalene		5.0		**46.3**	50.00	0	92.7	44.22	4.68	11/14/2025
o-Xylene		2.0		**51.0**	50.00	0	101.9	48.28	5.40	11/14/2025
Toluene		2.0		**47.6**	50.00	0	95.1	45.39	4.67	11/14/2025
trans-1,2-Dichloroethene		2.0		**52.8**	50.00	0	105.6	49.56	6.31	11/14/2025
Xylenes, Total		4.0		**153**	150.0	0	102.2	145.1	5.43	11/14/2025
Surr: 1,2-Dichloroethane-d4	*			**49.1**	50.00		98.1			11/14/2025
Surr: 4-Bromofluorobenzene	*			**49.6**	50.00		99.1			11/14/2025
Surr: Dibromofluoromethane	*			**50.2**	50.00		100.4			11/14/2025
Surr: Toluene-d8	*			**49.1**	50.00		98.2			11/14/2025

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

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

Batch 248027 **SampType:** MS Units **µg/L**

SampID: 25111223-016BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene		0.50		**47.5**	50.00	0	94.9	74.8	118	11/15/2025
Ethylbenzene		1.00		**50.4**	50.00	0	100.8	73.3	122	11/15/2025
m,p-Xylenes		1.00		**53.4**	50.00	0	106.9	74.4	135	11/15/2025
o-Xylene		1.00		**51.2**	50.00	0	102.3	74.5	125	11/15/2025
Toluene		2.00		**45.8**	50.00	0	91.6	75.1	116	11/15/2025
Xylenes, Total		2.00		**105**	100.0	0	104.6	73.6	131	11/15/2025
Surr: 1,2-Dichloroethane-d4	*			**49.7**	50.00		99.4	80	120	11/15/2025
Surr: 4-Bromofluorobenzene	*			**49.4**	50.00		98.8	80	120	11/15/2025
Surr: Dibromofluoromethane	*			**49.8**	50.00		99.7	80	120	11/15/2025
Surr: Toluene-d8	*			**49.6**	50.00		99.2	80	120	11/15/2025

Batch 248027 **SampType:** MSD Units **µg/L** RPD Limit: **20**

SampID: 25111223-016BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene		0.50		**47.4**	50.00	0	94.8	47.46	0.17	11/15/2025
Ethylbenzene		1.00		**50.3**	50.00	0	100.5	50.42	0.32	11/15/2025
m,p-Xylenes		1.00		**53.2**	50.00	0	106.5	53.45	0.41	11/15/2025
o-Xylene		1.00		**51.2**	50.00	0	102.5	51.16	0.14	11/15/2025
Toluene		2.00		**45.6**	50.00	0	91.2	45.78	0.39	11/15/2025
Xylenes, Total		2.00		**104**	100.0	0	104.5	104.6	0.14	11/15/2025
Surr: 1,2-Dichloroethane-d4	*			**49.5**	50.00		99.1			11/15/2025
Surr: 4-Bromofluorobenzene	*			**49.9**	50.00		99.8			11/15/2025
Surr: Dibromofluoromethane	*			**49.5**	50.00		99.0			11/15/2025
Surr: Toluene-d8	*			**49.8**	50.00		99.5			11/15/2025

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

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

Batch 248044 **SampType:** MBLK Units µg/L

SampID: MBLK-AE251117A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene		0.5		**ND**						11/17/2025
Bromoform		2.0		**ND**						11/17/2025
Ethylbenzene		2.0		**ND**						11/17/2025
m,p-Xylenes		2.0		**ND**						11/17/2025
Methylene chloride		2.0		**ND**						11/17/2025
Naphthalene		5.0		**ND**						11/17/2025
o-Xylene		2.0		**ND**						11/17/2025
Toluene		2.0		**ND**						11/17/2025
trans-1,2-Dichloroethene		2.0		**ND**						11/17/2025
Xylenes, Total		4.0		**ND**						11/17/2025
Surr: 1,2-Dichloroethane-d4	*			**44.2**	50.00		88.5	80	120	11/17/2025
Surr: 4-Bromofluorobenzene	*			**47.8**	50.00		95.7	80	120	11/17/2025
Surr: Dibromofluoromethane	*			**48.9**	50.00		97.7	80	120	11/17/2025
Surr: Toluene-d8	*			**49.4**	50.00		98.8	80	120	11/17/2025

Batch 248044 **SampType:** LCS Units µg/L

SampID: LCS-AE251117A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene		0.5		**46.0**	50.00	0	92.1	86.3	117	11/17/2025
Bromoform		2.0		**50.6**	50.00	0	101.1	81.9	121	11/17/2025
Ethylbenzene		2.0		**45.4**	50.00	0	90.7	84.1	115	11/17/2025
m,p-Xylenes		2.0		**87.2**	100.0	0	87.2	83.7	116	11/17/2025
Methylene chloride		2.0		**40.7**	50.00	0	81.4	78	118	11/17/2025
Naphthalene		5.0		**45.5**	50.00	0	90.9	69.3	128	11/17/2025
o-Xylene		2.0		**43.7**	50.00	0	87.3	83.1	114	11/17/2025
Toluene		2.0		**45.6**	50.00	0	91.2	84.4	115	11/17/2025
trans-1,2-Dichloroethene		2.0		**44.6**	50.00	0	89.2	82.2	117	11/17/2025
Xylenes, Total		4.0		**131**	150.0	0	87.3	83.7	115	11/17/2025
Surr: 1,2-Dichloroethane-d4	*			**43.2**	50.00		86.5	80	120	11/17/2025
Surr: 4-Bromofluorobenzene	*			**49.7**	50.00		99.4	80	120	11/17/2025
Surr: Dibromofluoromethane	*			**48.3**	50.00		96.5	80	120	11/17/2025
Surr: Toluene-d8	*			**49.4**	50.00		98.8	80	120	11/17/2025

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

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

Batch 248044 **SampType:** LCSD Units **µg/L** RPD Limit: **20**

SampID: LCSD-AE251117A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene		0.5		**45.2**	50.00	0	90.4	46.05	1.82	11/17/2025
Bromoform		2.0		**51.1**	50.00	0	102.2	50.56	1.02	11/17/2025
Ethylbenzene		2.0		**44.5**	50.00	0	88.9	45.35	1.96	11/17/2025
m,p-Xylenes		2.0		**85.6**	100.0	0	85.6	87.22	1.84	11/17/2025
Methylene chloride		2.0		**39.7**	50.00	0	79.4	40.68	2.46	11/17/2025
Naphthalene		5.0		**45.5**	50.00	0	91.1	45.46	0.18	11/17/2025
o-Xylene		2.0		**43.3**	50.00	0	86.5	43.66	0.92	11/17/2025
Toluene		2.0		**44.6**	50.00	0	89.3	45.59	2.11	11/17/2025
trans-1,2-Dichloroethene		2.0		**43.3**	50.00	0	86.6	44.58	2.91	11/17/2025
Xylenes, Total		4.0		**129**	150.0	0	85.9	130.9	1.53	11/17/2025
Surr: 1,2-Dichloroethane-d4	*			**43.3**	50.00		86.5			11/17/2025
Surr: 4-Bromofluorobenzene	*			**49.3**	50.00		98.6			11/17/2025
Surr: Dibromofluoromethane	*			**48.3**	50.00		96.6			11/17/2025
Surr: Toluene-d8	*			**49.0**	50.00		97.9			11/17/2025

Batch 248044 **SampType:** LCS Units **µg/L**

SampID: QCS-AE251117A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene		0.5		**46.0**	50.00	0	92.1	65	135	11/17/2025
Bromoform		2.0		**50.6**	50.00	0	101.1	70	130	11/17/2025
Ethylbenzene		2.0		**45.4**	50.00	0	90.7	60	140	11/17/2025
m,p-Xylenes		2.0		**87.2**	100.0	0	87.2	60	140	11/17/2025
Methylene chloride		2.0		**40.7**	50.00	0	81.4	60	140	11/17/2025
Naphthalene		5.0		**45.5**	50.00	0	90.9	60	140	11/17/2025
o-Xylene		2.0		**43.7**	50.00	0	87.3	60	140	11/17/2025
Toluene		2.0		**45.6**	50.00	0	91.2	70	130	11/17/2025
trans-1,2-Dichloroethene		2.0		**44.6**	50.00	0	89.2	70	130	11/17/2025
Xylenes, Total		4.0		**131**	150.0	0	87.3	60	140	11/17/2025
Surr: 1,2-Dichloroethane-d4	*			**43.2**	50.00		86.5	80	120	11/17/2025
Surr: 4-Bromofluorobenzene	*			**49.7**	50.00		99.4	80	120	11/17/2025
Surr: Dibromofluoromethane	*			**48.3**	50.00		96.5	80	120	11/17/2025
Surr: Toluene-d8	*			**49.4**	50.00		98.8	80	120	11/17/2025

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

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

Batch 248044 **SampType:** LCSD Units µg/L RPD Limit: 40

SampID: QCSD-AE251117A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene		0.5		**45.2**	50.00	0	90.4	46.05	1.82	11/17/2025
Bromoform		2.0		**51.1**	50.00	0	102.2	50.56	1.02	11/17/2025
Ethylbenzene		2.0		**44.5**	50.00	0	88.9	45.35	1.96	11/17/2025
m,p-Xylenes		2.0		**85.6**	100.0	0	85.6	87.22	1.84	11/17/2025
Methylene chloride		2.0		**39.7**	50.00	0	79.4	40.68	2.46	11/17/2025
Naphthalene		5.0		**45.5**	50.00	0	91.1	45.46	0.18	11/17/2025
o-Xylene		2.0		**43.3**	50.00	0	86.5	43.66	0.92	11/17/2025
Toluene		2.0		**44.6**	50.00	0	89.3	45.59	2.11	11/17/2025
trans-1,2-Dichloroethene		2.0		**43.3**	50.00	0	86.6	44.58	2.91	11/17/2025
Xylenes, Total		4.0		**129**	150.0	0	85.9	130.9	1.53	11/17/2025
Surr: 1,2-Dichloroethane-d4	*			**43.3**	50.00		86.5			11/17/2025
Surr: 4-Bromofluorobenzene	*			**49.3**	50.00		98.6			11/17/2025
Surr: Dibromofluoromethane	*			**48.3**	50.00		96.6			11/17/2025
Surr: Toluene-d8	*			**49.0**	50.00		97.9			11/17/2025

Batch 248141 **SampType:** MBLK Units µg/L

SampID: MBLK-AE251118A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene		0.5		**ND**						11/18/2025
Bromoform		2.0		**ND**						11/18/2025
Ethylbenzene		2.0		**ND**						11/18/2025
m,p-Xylenes		2.0		**ND**						11/18/2025
Methylene chloride		2.0		**ND**						11/18/2025
Naphthalene		5.0		**ND**						11/18/2025
o-Xylene		2.0		**ND**						11/18/2025
Toluene		2.0		**ND**						11/18/2025
trans-1,2-Dichloroethene		2.0		**ND**						11/18/2025
Xylenes, Total		4.0		**ND**						11/18/2025
Surr: 1,2-Dichloroethane-d4	*			**44.6**	50.00		89.3	80	120	11/18/2025
Surr: 4-Bromofluorobenzene	*			**47.4**	50.00		94.8	80	120	11/18/2025
Surr: Dibromofluoromethane	*			**50.4**	50.00		100.8	80	120	11/18/2025
Surr: Toluene-d8	*			**49.2**	50.00		98.4	80	120	11/18/2025

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

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

Batch 248141 **SampType:** LCS Units **µg/L**

SampID: LCS-AE251118A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene		0.5		**46.3**	50.00	0	92.6	86.3	117	11/18/2025
Bromoform		2.0		**51.8**	50.00	0	103.6	81.9	121	11/18/2025
Ethylbenzene		2.0		**44.6**	50.00	0	89.2	84.1	115	11/18/2025
m,p-Xylenes		2.0		**86.8**	100.0	0	86.8	83.7	116	11/18/2025
Methylene chloride		2.0		**41.5**	50.00	0	82.9	78	118	11/18/2025
Naphthalene		5.0		**45.7**	50.00	0	91.4	69.3	128	11/18/2025
o-Xylene		2.0		**43.6**	50.00	0	87.2	83.1	114	11/18/2025
Toluene		2.0		**45.2**	50.00	0	90.5	84.4	115	11/18/2025
trans-1,2-Dichloroethene		2.0		**45.2**	50.00	0	90.5	82.2	117	11/18/2025
Xylenes, Total		4.0		**130**	150.0	0	86.9	83.7	115	11/18/2025
Surr: 1,2-Dichloroethane-d4	*			**43.2**	50.00		86.3	80	120	11/18/2025
Surr: 4-Bromofluorobenzene	*			**49.1**	50.00		98.2	80	120	11/18/2025
Surr: Dibromofluoromethane	*			**49.6**	50.00		99.2	80	120	11/18/2025
Surr: Toluene-d8	*			**49.3**	50.00		98.6	80	120	11/18/2025

Batch 248141 **SampType:** LCSD Units **µg/L** RPD Limit: **20**

SampID: LCSD-AE251118A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene		0.5		**45.9**	50.00	0	91.8	46.28	0.78	11/18/2025
Bromoform		2.0		**50.2**	50.00	0	100.4	51.80	3.10	11/18/2025
Ethylbenzene		2.0		**43.6**	50.00	0	87.3	44.62	2.22	11/18/2025
m,p-Xylenes		2.0		**84.8**	100.0	0	84.8	86.75	2.24	11/18/2025
Methylene chloride		2.0		**40.7**	50.00	0	81.4	41.47	1.90	11/18/2025
Naphthalene		5.0		**44.1**	50.00	0	88.2	45.71	3.59	11/18/2025
o-Xylene		2.0		**42.5**	50.00	0	85.0	43.60	2.53	11/18/2025
Toluene		2.0		**44.3**	50.00	0	88.5	45.24	2.17	11/18/2025
trans-1,2-Dichloroethene		2.0		**44.0**	50.00	0	88.1	45.25	2.73	11/18/2025
Xylenes, Total		4.0		**127**	150.0	0	84.9	130.4	2.34	11/18/2025
Surr: 1,2-Dichloroethane-d4	*			**43.2**	50.00		86.3			11/18/2025
Surr: 4-Bromofluorobenzene	*			**49.0**	50.00		98.0			11/18/2025
Surr: Dibromofluoromethane	*			**49.4**	50.00		98.8			11/18/2025
Surr: Toluene-d8	*			**48.9**	50.00		97.8			11/18/2025

Client: ERM **Work Order:** 25111223

Client Project: Ameren Taylorville 4th Qtr 2025 **Report Date:** 21-Nov-25

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

Batch 248141 **SampType:** LCS Units **µg/L**

SampID: QCS-AE251118A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene		0.5		**46.3**	50.00	0	92.6	65	135	11/18/2025
Bromoform		2.0		**51.8**	50.00	0	103.6	70	130	11/18/2025
Ethylbenzene		2.0		**44.6**	50.00	0	89.2	60	140	11/18/2025
m,p-Xylenes		2.0		**86.8**	100.0	0	86.8	60	140	11/18/2025
Methylene chloride		2.0		**41.5**	50.00	0	82.9	60	140	11/18/2025
Naphthalene		5.0		**45.7**	50.00	0	91.4	60	140	11/18/2025
o-Xylene		2.0		**43.6**	50.00	0	87.2	60	140	11/18/2025
Toluene		2.0		**45.2**	50.00	0	90.5	70	130	11/18/2025
trans-1,2-Dichloroethene		2.0		**45.2**	50.00	0	90.5	70	130	11/18/2025
Xylenes, Total		4.0		**130**	150.0	0	86.9	60	140	11/18/2025
Surr: 1,2-Dichloroethane-d4	*			**43.2**	50.00		86.3	80	120	11/18/2025
Surr: 4-Bromofluorobenzene	*			**49.1**	50.00		98.2	80	120	11/18/2025
Surr: Dibromofluoromethane	*			**49.6**	50.00		99.2	80	120	11/18/2025
Surr: Toluene-d8	*			**49.3**	50.00		98.6	80	120	11/18/2025

Batch 248141 **SampType:** LCSD Units **µg/L** RPD Limit: **40**

SampID: QCSD-AE251118A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene		0.5		**45.9**	50.00	0	91.8	46.28	0.78	11/18/2025
Bromoform		2.0		**50.2**	50.00	0	100.4	51.80	3.10	11/18/2025
Ethylbenzene		2.0		**43.6**	50.00	0	87.3	44.62	2.22	11/18/2025
m,p-Xylenes		2.0		**84.8**	100.0	0	84.8	86.75	2.24	11/18/2025
Methylene chloride		2.0		**40.7**	50.00	0	81.4	41.47	1.90	11/18/2025
Naphthalene		5.0		**44.1**	50.00	0	88.2	45.71	3.59	11/18/2025
o-Xylene		2.0		**42.5**	50.00	0	85.0	43.60	2.53	11/18/2025
Toluene		2.0		**44.3**	50.00	0	88.5	45.24	2.17	11/18/2025
trans-1,2-Dichloroethene		2.0		**44.0**	50.00	0	88.1	45.25	2.73	11/18/2025
Xylenes, Total		4.0		**127**	150.0	0	84.9	130.4	2.34	11/18/2025
Surr: 1,2-Dichloroethane-d4	*			**43.2**	50.00		86.3			11/18/2025
Surr: 4-Bromofluorobenzene	*			**49.0**	50.00		98.0			11/18/2025
Surr: Dibromofluoromethane	*			**49.4**	50.00		98.8			11/18/2025
Surr: Toluene-d8	*			**48.9**	50.00		97.8			11/18/2025

Receiving Check List

http://www.teklabinc.com/

Client: ERM

Work Order: 25111223

Client Project: Ameren Taylorville 4th Qtr 2025

Report Date: 21-Nov-25

Carrier: Employee

Received By: GS

Completed by: Laura E Henson
On: 13-Nov-25

Reviewed by: Elizabeth A. Hurley
On: 14-Nov-25

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

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C 5.1
Type of thermal preservation?	None ☐	Ice ☑	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Reported field parameters measured:	Field ☐	Lab ☐	NA ☑	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐		
When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.				
Water – at least one vial per sample has zero headspace?	Yes ☐	No ☑	No VOA vials ☐	
Water - TOX containers have zero headspace?	Yes ☐	No ☐	No TOX containers ☑	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	NA ☐	
NPDES/CWA TCN interferences checked/treated in the field?	Yes ☐	No ☐	NA ☑	

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

Trip Blank collection date and time will be reported as the received date and time (end of trip). - lhenson - 11/13/2025 5:15:23 PM

Headspace was present in both of the GW-07 volatile vials. Client was notified via work order summary. - JD/lhenson/EAH - 11/13/2025 5:15:26 PM

Drop off Location
☐ Downers Grove, IL ☐ Lenexa, KS
☐ Springfield, IL ☑ Collinsville, IL

CHAIN OF CUSTODY

pg. 1 of 3 Work order # 25111223

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

Client	ERM 779		
Address	1968 Craig Road St. Louis, MO 63146		
Contact	Michael Abegg	**Phone**	3143417699
E-Mail	michael.abegg@erm.com, EDD@erm.com	**Fax**	

Samples on: ☑ ICE ☐ BLUE ICE ☐ NO ICE 5.1 °C LTG# 20
Preserved in: ☐ LAB ☐ FIELD **FOR LAB USE ONLY**
Lab Notes: HS present 2/2 GW-07
ERM-Springfield project JD 11/13/25

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 (GW-04R Duplicate) TO be extracted/analyzed LAST.
No headspace noted in vials.

Project Name/Number	**Sample Collector's Name**
Ameren Taylorville 4th Qtr 2025	Emma Portell

Results Requested (call for PFAS TAT and surcharges)
☒ Standard ☐ 1-2 Day (100% Surcharge)
☐ Date ☐ 3 Day (50% Surcharge)

Billing/PO#

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNP	HCl	MATRIX: Aqueous	Groundwater	Trip Blank				INDICATE ANALYSIS REQUESTED: PAHs	VOCs
25111223-001	GW-04R-WG-20251113	11/13/25; 1410	1	2		X					X	X
002	GW-05-WG-20251111	11/11/25; 1355	1	2		X					X	X
003	GW-07-WG-20251111	11/11/25; 1700	1	2		X					X	X
004	GW-14-WG-20251113	11/13/25; 1132	1	2		X					X	X
005	GW-15-WG-20251113	11/13/25; 1342	1	2		X					X	X
006	GW-16S-WG-20251112	11/12/25; 0947	1	2		X					X	X
007	GW-16D-WG-20251112	11/12/25; 0845	1	2		X					X	X
008	GW-17-WG-20251112	11/12/25; 1120	1	2		X					X	X
009	GW-18S-WG-20251113	11/13/25; 1020	1	2		X					X	X
010	GW-18D-WG-20251113	11/13/25; 0955	1	2		X					X	X

Relinquished By	Date/Time	Received By	Date/Time
David Tuttle	11/13/25 16:00	Grace Schneider	11/13/25 16:02

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 105038

Drop off Location
☐ Downers Grove, IL ☐ Lenexa, KS
☐ Springfield, IL ☑ Collinsville, IL

CHAIN OF CUSTODY

pg. 3 of 3 Work order # 25111233

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

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

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

Are these samples known to be involved in litigation? If yes, a surcharge will apply ☐ Yes ☒ No
Are these samples known to be hazardous? 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-20FF is field-filtered.
MS/MSD on GW-25.
No headspace noted in vials.

Project Name/Number	**Sample Collector's Name**
Ameren Taylorville 4th Qtr 2025	Emma Portell

Results Requested (call for PFAS TAT and surcharges)
☒ Standard ☐ 1-2 Day (100% Surcharge)
☐ Date _____ ☐ 3 Day (50% Surcharge)

Billing/PO#

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNP	HCl	MATRIX: Aqueous	Groundwater	Trip Blank	INDICATE ANALYSIS REQUESTED: PAHs	VOCs
25111233-011	DUP-002-WG-20251113	11/13/25; 0002	1	2		X		X	X
	~~FB-002-WQ-202502~~		~~1~~	~~2~~	X			X	X
	~~DUP-003-WG-202411~~		~~1~~	~~2~~		X		X	X
012	GW-26-WG-20251111	11/11/25; 1455	1	2		X		X	X
013	EQB-001-WQ-20251111	11/11/25; 1215	1	2	X			X	X
014	EQB-002-WQ-20251112	11/12/25; 1320	1	2	X			X	X
015	GW-20FF-WG-20251112	11/12/25; 1330	1	2		X		X	X
016	GW-25-WG-20251112	11/12/25; 1210	3	6		X		X	X

Relinquished By	Date/Time	Received By	Date/Time
Dawn Lotte	11/18/25 / 1602	Grace Schneider	11/13/25 16:02

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 105038

Drop off Location
☐ Downers Grove, IL ☐ Lenexa, KS
☐ Springfield, IL ☑ Collinsville, IL

CHAIN OF CUSTODY

pg. 2 of 3 Work order # 25111223

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

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

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

Client Comments Report QC LVL: 4

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	**Sample Collector's Name**
Ameren Taylorville 4th Qtr 2025	Emma Portell

Results Requested (call for PFAS TAT and surcharges)
☒ Standard ☐ 1-2 Day (100% Surcharge)
☐ Date _____ ☐ 3 Day (50% Surcharge)

Billing/PO#

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNP	HCl	MATRIX: Aqueous	Groundwater	Trip Blank	INDICATE ANALYSIS REQUESTED: PAHs	VOCs
25111223 - 017	GW-19S-WG-202511[12]	11/12/25; 1600	1	2		X		X	X
018	GW-19D-WG-202511[12]	11/12/25; 1530	1	2		X		X	X
019	GW-20-WG-202511[12]	11/12/25; 1330	1	2		X		X	X
	~~GW-21-WG-202408~~		~~1~~	~~2~~		X		~~X~~	~~X~~
020	GW-22S-WG-202511[12]	11/12/25; 1635	1	2		X		X	X
021	GW-22D-WG-202511[13]	11/13/25; 0840	1	2		X		X	X
022	DUP-001-WG-202511[11]	11/11/25; 0001	1	2		X		X	X
	~~FB-001-WG-202511~~		1	2	X			~~X~~	~~X~~
023	TB-001-WQ-202511[11]	11/11/25; 0800		2			X		X
	~~TB-002-WQ-202511~~			2			X		~~X~~

Relinquished By	Date/Time	Received By	Date/Time
David Tait	11/13/25 / 1602	Grace Schneider	11/13/25 16:02

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 105038

ATTACHMENT B GROUNDWATER ELEVATION SUMMARY

Attachment B
Groundwater Elevation Summary
Quarter 4 2025
Ameren Taylorville
Taylorville, Illinois

Monitoring Well Number	Total Depth (feet)	Screened Interval (feet)	TOC Elevation (NAVD88)	11/11/2025	
				WL Below TOC (feet)	Elevation (feet NAVD88)
GW-4R	26.00	16.00-26.00	619.22	19.81	599.41
GW-5	61.00	50.75-61.00	620.97	18.89	602.08
GW-7	90.00	80.00-90.00	618.59	19.88	598.71
GW-14	94.00	84.00-94.00	619.07	20.03	599.04
GW-15	90.00	80.00-90.00	618.88	19.85	599.03
GW-16D	91.00	81.00-91.00	616.38	17.58	598.80
GW-16S	35.00	25.00-35.00	616.50	17.64	598.86
GW-17	35.00	25.00-35.00	614.60	15.77	598.83
GW-18D	84.00	74.00-84.00	604.32	4.09	600.23
GW-18S	25.00	15.00-25.00	602.05	3.96	598.09
GW-19D	82.50	72.50-82.50	606.90	8.30	598.60
GW-19S	22.00	12.00-22.00	606.70	8.15	598.55
GW-20	9.50	4.50-9.50	588.14	7.45	580.69
GW-22D	89.00	79.00-89.00	617.05	18.23	598.82
GW-22S	35.00	25.00-35.00	617.16	18.12	599.04
GW-25	28.00	18.00-28.00	611.01	12.01	599.00
GW-26	36.00	24.82-34.82	615.79	16.88	598.91
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 FOURTH QUARTER 2025 ANALYTICAL RESULTS

Attachment C
Analytical Data Summary - 2025Q4
Ameren Taylorville
Taylorville, Illinois

	Location		GW-4R	GW-4R	GW-5	GW-7	GW-7	GW-14	GW-15	GW-16D	GW-16S	GW-17	GW-18D	GW-18S	GW-19D	GW-19S	GW-20	GW-20(FF)	GW-22D
	Sample Date		11/13/2025	11/13/2025	11/11/2025	11/11/2025	11/11/2025	11/13/2025	11/13/2025	11/12/2025	11/12/2025	11/12/2025	11/13/2025	11/13/2025	11/12/2025	11/12/2025	11/12/2025	11/12/2025	11/13/2025
	Sample Type		N	FD	N	N	FD	N	N	N	N	N	N	N	N	N	N	N	N
	Depth		16 - 26 ft	16 - 26 ft	50.75 - 61 ft	80 - 90 ft	80 - 90 ft	84 - 94 ft	80 - 90 ft	81 - 91 ft	25 - 35 ft	25 - 35 ft	74 - 84 ft	15 - 25 ft	72.5 - 82.5 ft	12 - 22 ft	4.5 - 9.5 ft	4.5 - 9.5 ft	79 - 89 ft
Analyte	Unit	1992 ROD CUOs																	
SVOCs																			
Acenaphthene	mg/L	0.42	0.0188	0.0210	< 0.000100	0.000220	0.000106	< 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	0.0117	0.0120	< 0.000100	0.000217	0.000107	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	0.000146	< 0.000100	< 0.000100
Anthracene	mg/L	2.1	0.00403	0.00310	< 0.000300	0.00233 J	0.00119 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
Benzo(a)anthracene	mg/L	0.00013	0.0074 j	0.0086 j	< 0.000100	0.000347	0.000201	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	0.000107	< 0.000100	< 0.000100
Benzo(a)pyrene	mg/L	0.0002	0.00156	< 0.0200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	0.000504	< 0.000200	< 0.000200
Benzo(b)fluoranthene	mg/L	0.00018	0.016 j	0.017 j	< 0.000200	0.00017 j	0.00014 j	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	0.000524	< 0.000200	< 0.000200
Benzo(g,h,i)perylene	mg/L	0.21	0.00305	0.00277	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	0.000609	< 0.000200	< 0.000200
Benzo(k)fluoranthene	mg/L	0.00017	0.00293	0.00260	< 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	< 0.000200
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	< 0.00200	< 0.00200	< 0.00200	0.00471 J+	0.00580	0.00725 J+	< 0.00200	0.0019 j	< 0.00200	< 0.00200	0.00204	0.00317 J+	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200
Chrysene	mg/L	0.0015	< 0.0200	0.013 j	< 0.000200	0.000240	0.00014 j	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	0.00017 j	< 0.000200	< 0.000200
Dibenzo(a,h)anthracene	mg/L	0.0003	0.00190	0.00169 J	< 0.000100	0.000134	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	0.000104	< 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	< 0.0100	< 0.0100	< 0.0100
Fluoranthene	mg/L	0.28	< 0.0300	0.029 j	< 0.000300	0.00110	0.000731	< 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	0.0808	0.0892	< 0.000200	0.000487	0.000261	< 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	0.00366	0.00330	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	0.000430	< 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	< 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	< 0.0100	< 0.0100	< 0.0100
Naphthalene	mg/L	0.025	0.040 j	0.0491	< 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	< 0.000400
Phenanthrene	mg/L	0.21	0.118	0.132	< 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	< 0.000600
Pyrene	mg/L	0.21	< 0.0200	0.0210	< 0.000200	0.00392 J	0.00244 J	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	0.000248	< 0.000200	< 0.000200
VOCs																			
Benzene	ug/L	5	443	485	< 0.50	< 0.50 J	< 0.50	< 0.50	< 0.50	0.20 j	< 0.50	< 0.50	0.12 j	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Bromoform	ug/L	0.2	< 2.00	RJ	< 0.20	< 0.20 J	< 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	174	RJ	< 1.00	< 1.00 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
m,p-Xylenes	ug/L	NS	28.6	RJ	< 1.00	< 1.00 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	< 20.0	RJ	< 2.00	< 2.00 J	< 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	86.8	RJ	< 2.00	< 2.00 J	< 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	118	RJ	< 1.00	< 1.00 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
Toluene	ug/L	1000	31.1	RJ	< 2.00	< 2.00 J	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	0.20 j	< 2.00
trans-1,2-Dichloroethene	ug/L	100	< 20.0	RJ	< 2.00	< 2.00 J	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	0.33 j	< 2.00	< 2.00	< 2.00	< 2.00	0.26 j	< 2.00
Xylene, Total	ug/L	10000	147	RJ	< 2.00	< 2.00 J	< 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

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 Stated Enviornmental Protection Agency Record of Decision Clean Up
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.
J+ = The result is an estimated quantity, but the result may be biased high.
U = The analyte was analyzed for, but was not detected above the limit displayed.
B = Analyte detected in associated method blank.
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 C
Analytical Data Summary - 2025Q4
Ameren Taylorville
Taylorville, Illinois

		Location	GW-22S	GW-25	GW-26	EQB-001	EQB-002	Trip Blank
		Sample Date	11/12/2025	11/12/2025	11/11/2025	11/11/2025	11/12/2025	11/13/2025
		Sample Type	N	N	N	EB	EB	TB
		Depth	25 - 35 ft	18 - 28 ft	26 - 36 ft	-	-	-
Analyte	Unit	1992 ROD CUOs						
SVOCs								
Acenaphthene	mg/L	0.42	< 0.000100	< 0.000100	0.000087 j	< 0.000100	< 0.000100	NA
Acenaphthylene	mg/L	0.21	< 0.000100	< 0.000100	0.000139	< 0.000100	< 0.000100	NA
Anthracene	mg/L	2.1	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	NA
Benzo(a)anthracene	mg/L	0.00013	< 0.000100	< 0.000100	0.000107	< 0.000100	< 0.000100	NA
Benzo(a)pyrene	mg/L	0.0002	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	NA
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000200	< 0.000200	0.00019 j	< 0.000200	< 0.000200	NA
Benzo(g,h,i)perylene	mg/L	0.21	< 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	NA
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200	NA
Chrysene	mg/L	0.0015	< 0.000200	< 0.000200	0.00019 j	< 0.000200	< 0.000200	NA
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	NA
Dibutyl phthalate	mg/L	0.7	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	NA
Fluoranthene	mg/L	0.28	< 0.000300	< 0.000300	0.000390	< 0.000300	< 0.000300	NA
Fluorene	mg/L	0.28	< 0.000200	< 0.000200	0.000351	< 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	NA
m,p-cresol	mg/L	0.35	< 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	NA
Naphthalene	mg/L	0.025	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	NA
Phenanthrene	mg/L	0.21	< 0.000600	< 0.000600	0.000985	< 0.000600	< 0.000600	NA
Pyrene	mg/L	0.21	< 0.000200	< 0.000200	0.000284	< 0.000200	< 0.000200	NA
VOCs								
Benzene	ug/L	5	< 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
Ethylbenzene	ug/L	700	< 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
Methylene chloride	ug/L	0.2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Naphthalene	ug/L	25	< 2.00	< 2.00	2.11	< 2.00	< 2.00	< 2.00
o-Xylene	ug/L	NS	< 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
trans-1,2-Dichloroethene	ug/L	100	< 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

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 Stated Enviornmental Protection Agency Record of Decision Clean Up
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.

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

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

B = Analyte detected in associated method blank.

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- 2025
Ameren Taylorville
Taylorville, Illinois

		Location	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
		Sample Type	N	N	FD	N	FD	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
Analyte	Unit	1992 ROD CUOs	Result	Result	Result	Result	Result	Result	Result	Result
VOCs										
Benzene	ug/L	5	632	341	775	652	658	798	1150	1180
Bromoform	ug/L	0.2	< 2	< 100	< 20	< 100	< 2	< 200	< 2	< 2
Ethylbenzene	ug/L	700	155	104	216	235	243	331	476	500
m,p-Xylenes	ug/L	NS	165	80.5	158	135	146	166	108	104
Methylene chloride	ug/L	0.2	< 2	< 100	< 20	< 100	< 2	< 200	< 2	< 2
Naphthalene	ug/L	25	2790	1510	3150	3020	3020	3520	2530	2620
o-Xylene	ug/L	NS	140	67	137	108	118	178	241	244
Toluene	ug/L	1000	208	184	409	256	255	216	90.5	94.6
trans-1,2-Dichloroethene	ug/L	100	< 2	< 100	< 20	< 100	< 2	< 200	< 2	< 2
Xylene, Total	ug/L	10000	304	148	295	243	265	344	350	347
SVOCs										
Acenaphthene	mg/L	0.42	0.0175	0.026	0.026	0.022	0.0239	0.0274	0.0316	0.0348
Acenaphthylene	mg/L	0.21	0.00147	0.00229	0.00303	0.00618	0.00584	0.00531	0.00244	0.0029
Anthracene	mg/L	2.1	0.000792	0.000654	0.00109	0.000745	0.000691	0.00093	0.0012	0.000864
Benzo(a)anthracene	mg/L	0.00013	0.000133	0.000186	0.000261	0.000158	0.000173	0.000214	0.000104	0.000085 j
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	0.00012	0.000229	0.000376	0.000125	0.000192	0.000226	< 0.0001	0.000084 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
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
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
Chrysene	mg/L	0.0015	0.000334	0.000493	0.000747	0.000491	0.000501	0.000754	0.0002	0.000196
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Dibutyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	0.0029	0.00334	0.0045	0.00379	0.00404	0.00397	0.00375	0.00357
Fluorene	mg/L	0.28	0.0607	0.0733	0.0735	0.0689	0.0776	0.07	0.0906	0.0765
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	0.00018 j	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
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
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
Naphthalene	mg/L	0.025	1.53	1.82	1.86	1.62	1.75	2.43	1.82	1.82
Phenanthrene	mg/L	0.21	0.0576	0.0674	0.0647	0.0562	0.0609	0.0542	0.0801	0.075
Pyrene	mg/L	0.21	0.00149	0.00143	0.00219	0.00184	0.00184	0.0019	0.00177	0.00174

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 Stated Enviornmental 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 disolaved.

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
Analytical Data Summary 2021- 2025
Ameren Taylorville
Taylorville, Illinois

		Location	GW-4R	GW-4R	GW-4R	GW-4R	GW-4R	GW-4R	GW-4R	GW-4R	GW-4R
		Sample Date	05/12/2022	05/12/2022	09/08/2022	11/30/2022	02/15/2023	02/15/2023	05/18/2023	05/18/2023	09/13/2023
		Sample Type	N	FD	N	N	N	FD	N	FD	N
		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
Analyte	Unit	1992 ROD CUOs	Result	Result	Result	Result	Result	Result	Result	Result	Result
VOCs											
Benzene	ug/L	5	1100	1070	670	895	609	612	341	364	235
Bromoform	ug/L	0.2	< 100	< 100	< 20.0	< 2.00	< 10.0	< 0.20	< 2.00	< 10.0	< 2.00
Ethylbenzene	ug/L	700	312	330	249	304	250	250	186	184	144
m,p-Xylenes	ug/L	NS	225	229	112	56.6	63.5	64.5	39.3	48 j	19.1
Methylene chloride	ug/L	0.2	< 100	< 100	< 20.0	< 20.0	< 100	< 2.00	38.3	< 100	< 20.0
Naphthalene	ug/L	25	3550	3350	3540	2340	2380	2490	1580	1480	814
o-Xylene	ug/L	NS	176	184	157	187	136	148	93.4	100	80.3
Toluene	ug/L	1000	338	357	104	100	72 j	70.8	30.5	42 j	14 j
trans-1,2-Dichloroethene	ug/L	100	< 100	< 100	< 20.0	< 20.0	< 100	< 2.00	< 20.0	< 100	< 20.0
Xylene, Total	ug/L	10000	400	412	269	243	199	213	133	148	99.4
SVOCs											
Acenaphthene	mg/L	0.42	0.0339	0.0437	0.0404	0.00135	0.0348	0.0334	0.0190 H	0.0241 H	0.0290
Acenaphthylene	mg/L	0.21	0.00893	0.0101	0.00446	0.00447	0.00218	0.00195	0.000868 H	0.00117 H	0.00144
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	0.000749	0.00241	0.000925	0.000616	0.000346 H	0.000476 H	0.000854
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	0.000115	0.000090 j	0.00194	0.000150	0.000109	< 0.000100 HU	0.000072 jH	0.000096 j
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	0.00012 j	< 0.000200	0.00017 j	< 0.000200	< 0.000200	< 0.000200 HU	< 0.000200 HU	< 0.000200
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	0.000128	< 0.000100	0.00252	0.000101	0.000070 j	< 0.000100 HU	< 0.000100 HU	< 0.000100
Benzo(g,h,i)perylene	mg/L	0.21	< 0.0002	< 0.0002	< 0.000200	0.000544	< 0.000200	< 0.000200	< 0.000200 HU	< 0.000200 HU	< 0.000200
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.000100	0.000697	< 0.000100	< 0.000100	< 0.000100 HU	< 0.000100 HU	< 0.000100
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	< 0.002	< 0.002	< 0.00200	0.0020 j	< 0.00200	< 0.00200	< 0.00200 HU	< 0.00200 HU	< 0.00200
Chrysene	mg/L	0.0015	0.00013	0.00022	0.000241	0.00674	0.000513	0.000385	0.000210 H	0.000170 H	0.000209
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.000200	0.000256	< 0.000200	< 0.000200	< 0.000200 HU	< 0.000200 HU	< 0.000200
Dibutyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100 HU	< 0.0100 HU	< 0.0100
Fluoranthene	mg/L	0.28	0.00289	0.00383	0.00414	0.0210	0.00489	0.00457	0.00257 H	0.00276 H	0.00460
Fluorene	mg/L	0.28	0.0847	0.104	0.0853	0.0841	0.0800	0.0801	0.0397 H	0.0537 H	0.0616
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.000200	0.000588	< 0.000200	< 0.000200	< 0.000200 HU	< 0.000200 HU	< 0.000200
m,p-cresol	mg/L	0.35	0.0046 j	0.0068 j	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100 HU	< 0.0100 HU	< 0.0100
o-Cresol	mg/L	0.35	0.0058 j	0.008 j	< 0.0100	< 0.0100	< 0.0100	< 0.0100	0.00090 jH	0.00098 jH	< 0.0100
Naphthalene	mg/L	0.025	2.77	3.54	2.80	1.50	1.83	1.86	< 0.000400 HU	0.398 H	0.410
Phenanthrene	mg/L	0.21	0.0715	0.0888	0.0799	0.142	0.0722	0.0735	0.0148 H	0.0461 H	0.0694
Pyrene	mg/L	0.21	0.00131	0.00184	0.00176	0.0124	0.00208	0.00203	0.000948 H	0.00102 H	0.00225

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 Stated Enviornmental 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
disolaved.

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
Analytical Data Summary 2021- 2025
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	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	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
Analyte	Unit	1992 ROD CUOs	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
VOCs													
Benzene	ug/L	5	241	346	392	1380	1500	1130	999	1150	1180	1030	1090
Bromoform	ug/L	0.2	< 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	144	117	159	322	369	295	261	261	261	306	319
m,p-Xylenes	ug/L	NS	20.8	14.7	19.7	124 J	145 J	226	216	119	110	79.3	80.5
Methylene chloride	ug/L	0.2	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	740	510	531	1700	1940	2300 J	2220 J	1790	1730	1120	1160
o-Xylene	ug/L	NS	82.1	62.0	80.8	182	203	196	188	185	181	188	200
Toluene	ug/L	1000	15 j	24.8	34.8	320	378	132	125	159	153	171	185
trans-1,2-Dichloroethene	ug/L	100	< 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	103	76.7	101	306	348	422	403	304	291	267	281
SVOCs													
Acenaphthene	mg/L	0.42	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	0.00154	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	0.000802	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	0.000078 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	< 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	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	< 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	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	< 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	0.000187	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	< 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	< 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	0.00444	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	0.0538	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	< 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	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	< 0.0100	< 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	0.446	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	< 0.150	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	0.00227	0.00411	0.00465	0.00225 J	0.00159 J	0.00362 J+	0.00374	0.00453	0.00444	0.0366	0.0441

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 Stated Enviornmental 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.

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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
disolaved.

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
Analytical Data Summary 2021- 2025
Ameren Taylorville
Taylorville, Illinois

		Location	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
		Sample Type	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
Analyte	Unit	1992 ROD CUOs	Result	Result	Result	Result	Result	Result	Result	Result
VOCs										
Benzene	ug/L	5	1030	976	874	883	751	726	443	485
Bromoform	ug/L	0.2	< 2.00	< 0.20	< 2.00	< 2.00	< 4.00	< 4.00	< 2.00	RJ
Ethylbenzene	ug/L	700	332	309	253	269	269	259	174	RJ
m,p-Xylenes	ug/L	NS	73.9	64.2	69.3	73.8	85.6	82.4	28.6	RJ
Methylene chloride	ug/L	0.2	< 20.0	< 2.00	13 j	18 j	< 40.0	< 40.0	< 20.0	RJ
Naphthalene	ug/L	25	858	1010	822	803	816	806	86.8	RJ
o-Xylene	ug/L	NS	210	195	159	167	179	171	118	RJ
Toluene	ug/L	1000	162	186	178	185	146	139	31.1	RJ
trans-1,2-Dichloroethene	ug/L	100	< 20.0	< 2.00	< 20.0	< 20.0	< 40.0	< 40.0	< 20.0	RJ
Xylene, Total	ug/L	10000	284	259	228	240	265	254	147	RJ
SVOCs										
Acenaphthene	mg/L	0.42	0.0291	0.0317	0.0228	0.0228	0.0178	0.0176	0.0188	0.0210
Acenaphthylene	mg/L	0.21	0.0197	0.0242	0.0183	0.0326	0.0136	0.0144	0.0117	0.0120
Anthracene	mg/L	2.1	0.00518	0.00655	0.00309 J	0.0160 J	0.00387	0.00335	0.00403	0.00310
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
Benzo(a)pyrene	mg/L	0.0002	0.0019	0.00260	0.00439	0.00399	< 0.0100	< 0.0100	0.00156	< 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
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
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
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
Chrysene	mg/L	0.0015	0.0304	0.0395	0.0201 J	0.0504 J	0.0147	0.0133	< 0.0200	0.013 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
Dibutyl phthalate	mg/L	0.7	< 0.100	< 0.100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Fluoranthene	mg/L	0.28	< 0.0750	0.068	0.0431 J	0.102 J	0.0321	0.0298	< 0.0300	0.029 j
Fluorene	mg/L	0.28	0.0758	0.0817	0.0808	0.102	0.0811	0.0782	0.0808	0.0892
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
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
o-Cresol	mg/L	0.35	< 0.100	< 0.100	0.0016 j	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100
Naphthalene	mg/L	0.025	0.497	0.481	0.267	0.263	0.529	0.481	0.040 j	0.0491
Phenanthrene	mg/L	0.21	0.187	0.206	0.144	< 0.300	0.133	0.127	0.118	0.132
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

Notes:

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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 disolaved.

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
Analytical Data Summary 2021- 2025
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	02/24/2021	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
			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		0.18 j	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 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
Ethylbenzene	ug/L	700		0.22 j	< 1	< 1	1.21	< 1	< 1	< 1.00	< 1.00	< 1.00	< 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
Methylene chloride	ug/L	0.2		< 2	< 2	< 2	< 2	< 2	< 2	< 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
o-Xylene	ug/L	NS		0.14 j	< 1	< 1	0.74 j	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	ug/L	1000		0.12 j	< 2	< 2	0.3 j	< 2	< 2	< 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
Xylene, Total	ug/L	10000		0.34 j	< 2	< 2	1.7 j	< 2	< 2	< 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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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 Stated Enviornmental 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
Analytical Data Summary 2021- 2025
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
		Sample Date	05/16/2023	09/13/2023	09/15/2023	10/25/2023	02/13/2024	05/07/2024	08/29/2024	11/20/2024	03/18/2025	05/05/2025	08/04/2025	11/11/2025
		Sample Type	FD	N	FD	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	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
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	< 0.20
Ethylbenzene	ug/L	700	< 1.00	< 1.00	0.31 j	< 1.00	< 1.00	0.23 j	< 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	1.4 j	11.0	0.93 j	< 2.00	< 2.00 HU	2.1 j	4.04	< 2.00	0.65 j	< 2.00	< 2.00
o-Xylene	ug/L	NS	< 1.00	< 1.00	0.20 j	< 1.00	< 1.00	0.15 j	< 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	0.12 j	< 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
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	mg/L	0.42	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	0.000074 j	< 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
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
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	< 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
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 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	< 0.000100	< 0.000100	< 0.000200	< 0.000200 UJ	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	0.00262	< 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	< 0.000100	< 0.000100	< 0.000100	< 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	< 0.000100	< 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	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	< 0.000300
Fluorene	mg/L	0.28	< 0.000200	< 0.000200	< 0.000200	< 0.000200 BU	< 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	< 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
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
Naphthalene	mg/L	0.025	< 0.000400	0.000663	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.0050	< 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
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

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 Stated Enviornmental 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
Analytical Data Summary 2021- 2025
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
		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
		Sample Type	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
Analyte	Unit	1992 ROD CUOs	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
Bromoform	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 0.20	< 0.20	< 0.20
Ethylbenzene	ug/L	700	< 1	< 1	< 1	0.32 j	< 1	< 1	< 1.00	< 1.00	< 1.00	< 1.00
m,p-Xylenes	ug/L	NS	< 1	< 1	< 1	0.54 j	< 1	< 1	< 1.00	< 1.00 SU	< 1.00	< 1.00
Methylene chloride	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00	< 2.00
Naphthalene	ug/L	25	< 2	1.4 j	< 2	< 2 HU	< 2	< 2	< 2.00	0.70 j	0.36 Bj	< 2.00
o-Xylene	ug/L	NS	< 1	< 1	< 1	0.21 j	< 1	< 1	< 1.00	< 1.00 SU	< 1.00	< 1.00
Toluene	ug/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00 SU	< 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
Xylene, Total	ug/L	10000	< 2	< 2	< 2	0.75 j	< 2	< 2	< 2.00	< 2.00 SU	< 2.00	< 2.00
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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
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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
Analytical Data Summary 2021- 2025
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	09/13/2023	10/27/2023	02/13/2024	02/13/2024	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
		Sample Type	N	N	N	FD	N	FD	N	N	N	N	FD	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	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 UJ	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 0.50	< 0.50	< 0.50	< 0.50 UJ
Bromoform	ug/L	0.2	< 0.20	< 0.20	< 0.20 UJ	< 0.20 UJ	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20 UJ	< 0.20	< 0.20	< 0.20	< 0.20 UJ
Ethylbenzene	ug/L	700	< 1.00	< 1.00	0.12 J-	< 1.00 UJ	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00 UJ	< 1.00	< 1.00	< 1.00	< 1.00 UJ
m,p-Xylenes	ug/L	NS	< 1.00	< 1.00	< 1.00 UJ	< 1.00 UJ	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00 UJ	< 1.00	< 1.00	< 1.00	< 1.00 UJ
Methylene chloride	ug/L	0.2	< 2.00	< 2.00	< 2.00 UJ	< 2.00 UJ	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00 UJ	< 2.00	< 2.00	< 2.00	< 2.00 UJ
Naphthalene	ug/L	25	< 2.00	< 2.00	1.2 J-	< 2.00 UJ	2.81	< 2.00	< 2.00	< 2.00	< 2.00 UJ	< 2.00	< 2.00	< 2.00	< 2.00 UJ
o-Xylene	ug/L	NS	< 1.00	< 1.00	< 1.00 UJ	< 1.00 UJ	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00 UJ	< 1.00	< 1.00	< 1.00	< 1.00 UJ
Toluene	ug/L	1000	< 2.00	< 2.00	< 2.00 UJ	< 2.00 UJ	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00 UJ	< 2.00	< 2.00	< 2.00	< 2.00 UJ
trans-1,2-Dichloroethene	ug/L	100	< 2.00	< 2.00	< 2.00 UJ	< 2.00 UJ	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00 UJ	< 2.00	< 2.00	< 2.00	< 2.00 UJ
Xylene, Total	ug/L	10000	< 2.00	< 2.00	< 2.00 UJ	< 2.00 UJ	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00 UJ	< 2.00	< 2.00	< 2.00	< 2.00 UJ
SVOCs															
Acenaphthene	mg/L	0.42	0.000155	0.000158	0.000139	0.000130	0.000136	0.000121	0.000204	0.000233	0.000115	0.000130	0.000104	0.000153	0.000220
Acenaphthylene	mg/L	0.21	0.000194	0.000202	0.000178	0.000157	0.000177	0.000182	0.000247	0.000177	0.000108	0.000145	0.000121	0.000136	0.000217
Anthracene	mg/L	2.1	0.00179	0.00161	0.00167	0.00149	0.00193	0.00141	0.00222	0.00187	0.00118	0.00151	0.00123	0.00136	0.00233 J
Benzo(a)anthracene	mg/L	0.00013	0.000235	0.000211	0.000224	0.000204	0.000218	0.000183	0.000285	0.000229	0.000178	0.000199	0.000180	0.000206	0.000347
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	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000200	< 0.000200 UJ	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	0.00017 j
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	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000200	< 0.000200 UJ	< 0.000200 UJ	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	0.00395	0.00271	0.0200	0.0180	0.00748 J	0.0016 J	0.00698 J+	0.00352	0.00302	0.00479	0.00348	0.00878	0.00471 J+
Chrysene	mg/L	0.0015	0.000194	0.000184	0.000166	0.000166	0.000204	0.00014 j	0.00020 j	0.000242	0.00014	0.00016 j	0.00013 j	0.00015 j	0.000240
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	0.000134
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
Fluoranthene	mg/L	0.28	0.00141	0.00122	0.00118	0.00111	0.00129	0.000934	0.00139	0.00125	0.000701	0.000756	0.000612	0.000759	0.00110
Fluorene	mg/L	0.28	0.000413	0.000393	0.000365	0.000351	0.000343	0.000334	0.000536	0.000648	0.000304	0.000304	0.000254	0.000326	0.000487
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200 UJ	< 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	0.000614	< 0.000400	< 0.000400	< 0.000400	< 0.000400	< 0.000400	0.00496	< 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	0.00059 j	< 0.000600	< 0.000600	< 0.000600	< 0.000600	< 0.000600
Pyrene	mg/L	0.21	0.00238	0.00265	0.00275	0.00262	0.00336 J	0.00237 J	0.00375	0.00302	0.00230	0.00255	0.00208	0.00238	0.00392 J

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 Stated Enviornmental Protection Agency
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
Analytical Data Summary 2021- 2025
Ameren Taylorville
Taylorville, Illinois

		Location	GW-7
		Sample Date	11/11/2025
		Sample Type	FD
		Depth	80 - 90 ft
Analyte	Unit	1992 ROD CUOs	Result
VOCs			
Benzene	ug/L	5	< 0.50
Bromoform	ug/L	0.2	< 0.20
Ethylbenzene	ug/L	700	< 1.00
m,p-Xylenes	ug/L	NS	< 1.00
Methylene chloride	ug/L	0.2	< 2.00
Naphthalene	ug/L	25	< 2.00
o-Xylene	ug/L	NS	< 1.00
Toluene	ug/L	1000	< 2.00
trans-1,2-Dichloroethene	ug/L	100	< 2.00
Xylene, Total	ug/L	10000	< 2.00
SVOCs			
Acenaphthene	mg/L	0.42	0.000106
Acenaphthylene	mg/L	0.21	0.000107
Anthracene	mg/L	2.1	0.00119 J
Benzo(a)anthracene	mg/L	0.00013	0.000201
Benzo(a)pyrene	mg/L	0.0002	< 0.000200
Benzo(b)fluoranthene	mg/L	0.00018	0.00014 j
Benzo(g,h,i)perylene	mg/L	0.21	< 0.000200
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000200
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	0.00580
Chrysene	mg/L	0.0015	0.00014 j
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000100
Dibutyl phthalate	mg/L	0.7	< 0.0100
Fluoranthene	mg/L	0.28	0.000731
Fluorene	mg/L	0.28	0.000261
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000200
m,p-cresol	mg/L	0.35	< 0.0100
o-Cresol	mg/L	0.35	< 0.0100
Naphthalene	mg/L	0.025	< 0.000400
Phenanthrene	mg/L	0.21	< 0.000600
Pyrene	mg/L	0.21	0.00244 J

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 Stated Enviornmental Protection Agency
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
Analytical Data Summary 2021- 2025
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
		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
		Sample Type	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
Analyte	Unit	1992 ROD CUOs	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
Bromoform	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 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
m,p-Xylenes	ug/L	NS	< 1	< 1	< 1	0.72 j	< 1	< 1	< 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
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
o-Xylene	ug/L	NS	< 1	< 1	< 1	0.36 j	< 1	< 1	< 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
trans-1,2-Dichloroethene	ug/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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 Stated Enviornmental 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
Analytical Data Summary 2021- 2025
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
		Sample Date	09/13/2023	10/26/2023	02/13/2024	05/09/2024	08/29/2024	11/21/2024	02/25/2025	05/07/2025	08/06/2025	11/13/2025
		Sample Type	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
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 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 UJ	< 0.20	< 0.20	< 0.20
Ethylbenzene	ug/L	700	< 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 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 UJ	< 2.00	< 2.00	< 2.00
Naphthalene	ug/L	25	< 2.00	< 2.00	0.64 j	1.1 j	< 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 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 UJ	< 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 UJ	< 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 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
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	< 0.000100	< 0.000100	< 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	< 0.000100	< 0.000100	< 0.000200	< 0.000200 UJ	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	0.00493	0.00216	0.00416 J-	0.00604	< 0.00270	0.00531	0.00269	0.00436	0.00202	0.00725 J+
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
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
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 BU	< 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	< 0.000400	< 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
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

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 Stated Enviornmental 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
Analytical Data Summary 2021- 2025
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	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
		Sample Type	N	N	FD	N	N	N	FD	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
Analyte	Unit	1992 ROD CUOs	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
Bromoform	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 0.20	< 0.20
Ethylbenzene	ug/L	700	< 1	< 1	< 1	< 1	0.16 j	< 1	< 1	< 1	< 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
Methylene chloride	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 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
o-Xylene	ug/L	NS	< 1	< 1	< 1	< 1	0.13 j	< 1	< 1	< 1	0.11 j	< 1.00	< 1.00
Toluene	ug/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 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
Xylene, Total	ug/L	10000	< 2	< 2	< 2	< 2	0.56 j	< 2	< 2	< 2	< 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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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 Stated Enviornmental 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
Analytical Data Summary 2021- 2025
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	02/15/2023	05/18/2023	05/18/2023	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
			Sample Type	FD	N	FD	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	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	< 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
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	< 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
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
Naphthalene	ug/L	25		< 2.00 BU	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	0.60 j	< 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	< 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	< 2.00	< 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
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	< 2.00
SVOCs																
Acenaphthene	mg/L	0.42		< 0.000100	< 0.000100 HU	< 0.000100 HU	< 0.000100	< 0.000100	0.000087 j	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100
Acenaphthylene	mg/L	0.21		< 0.000100	< 0.000100 HU	< 0.000100 HU	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	0.000056 j	< 0.000100	< 0.000100
Anthracene	mg/L	2.1		< 0.000300	< 0.000300 HU	< 0.000300 HU	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	0.000350	< 0.000300
Benzo(a)anthracene	mg/L	0.00013		< 0.000100	< 0.000100 HU	< 0.000100 HU	< 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 HU	< 0.000200 HU	< 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 HU	< 0.000100 HU	< 0.000100	< 0.000100	< 0.000100	< 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 HU	< 0.000200 HU	< 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 HU	< 0.000100 HU	< 0.000100	< 0.000100	< 0.000100	< 0.000200	< 0.000200 UJ	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Bis(2-ethylhexyl)phthalate	mg/L	0.0027		< 0.00200	< 0.00200 HU	< 0.00200 HU	< 0.00200	< 0.00200 SU	< 0.00200	< 0.00200	< 0.00322	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.00200
Chrysene	mg/L	0.0015		< 0.000100	< 0.000100 HU	< 0.000100 HU	< 0.000100	< 0.000100	< 0.000100	< 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 HU	< 0.000200 HU	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000100	< 0.000100
Dibutyl phthalate	mg/L	0.7		< 0.0100	< 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
Fluoranthene	mg/L	0.28		< 0.000300	< 0.000300 HU	< 0.000300 HU	< 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		0.00010 j	0.000204 H	< 0.000200 HU	< 0.000200	< 0.000200	0.00019 j	0.000219	< 0.000200	< 0.000200	< 0.000200	0.00019 j	< 0.000200	< 0.000200
Indeno(1,2,3-cd)pyrene	mg/L	0.00043		< 0.000200	< 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
m,p-cresol	mg/L	0.35		< 0.0100	< 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
o-Cresol	mg/L	0.35		< 0.0100	< 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
Naphthalene	mg/L	0.025		< 0.000400	< 0.000400 HU	< 0.000400 HU	< 0.000400	< 0.000400	0.00250	0.00315	< 0.000400	< 0.000400	< 0.000400	0.000894	< 0.000400	< 0.000400
Phenanthrene	mg/L	0.21		< 0.000600	< 0.000600 HU	< 0.000600 HU	< 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 HU	< 0.000200 HU	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	0.000229	< 0.000200

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 Stated Enviornmental 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
Analytical Data Summary 2021- 2025
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
			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
			Sample Type	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
Analyte	Unit	1992 ROD CUOs		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
Bromoform	ug/L	0.2		< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 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
m,p-Xylenes	ug/L	NS		< 1	< 1	< 1	0.52 j	< 1	< 1	< 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
Naphthalene	ug/L	25		0.34 j	< 2	< 2	0.92 j	< 2	< 2	< 2.00	0.51 j	< 2.00 BU	< 2.00
o-Xylene	ug/L	NS		< 1	< 1	< 1	0.13 j	< 1	< 1	< 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
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
Xylene, Total	ug/L	10000		< 2	< 2	< 2	0.65 j	< 2	< 2	< 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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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 Stated Enviornmental 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
Analytical Data Summary 2021- 2025
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
			Sample Date	09/14/2023	10/25/2023	02/14/2024	05/09/2024	08/28/2024	11/20/2024	02/25/2025	05/07/2025	08/05/2025	11/12/2025
			Sample Type	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
Analyte	Unit	1992 ROD CUOs		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
VOCs													
Benzene	ug/L	5		0.76	0.64	< 0.71	< 0.50	< 0.50	0.41 j	< 0.50 UJ	< 0.50	0.26 j	0.20 j
Bromoform	ug/L	0.2		< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20 UJ	< 0.20	< 0.20	< 0.20
Ethylbenzene	ug/L	700		< 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 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 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 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 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 UJ	< 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 UJ	< 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 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
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	< 0.000100	< 0.000100	< 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	< 0.000100	< 0.000100	< 0.000200	< 0.000200 UJ	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Bis(2-ethylhexyl)phthalate	mg/L	0.0027		0.00241	0.00726	0.00770	< 0.00200	0.0101 J+	0.00201	0.00615	0.00411	0.00451	0.0019 j
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
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
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 BU	< 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	< 0.000400	< 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
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

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 Stated Enviornmental 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
Analytical Data Summary 2021- 2025
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
		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
		Sample Type	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
Analyte	Unit	1992 ROD CUOs	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
Bromoform	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 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
m,p-Xylenes	ug/L	NS	< 1	< 1	< 1	0.53 j	< 1	< 1	< 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
Naphthalene	ug/L	25	0.38 j	< 2	< 2	< 2	< 2	< 2	< 2.00	0.49 j	< 2.00 BU	< 2.00
o-Xylene	ug/L	NS	< 1	< 1	< 1	0.12 j	< 1	< 1	< 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
trans-1,2-Dichloroethene	ug/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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 Stated Enviornmental 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
Analytical Data Summary 2021- 2025
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
			Sample Date	09/14/2023	10/25/2023	02/14/2024	05/09/2024	08/28/2024	11/20/2024	02/25/2025	05/06/2025	08/05/2025	11/12/2025
			Sample Type	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
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	< 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
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	< 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
Toluene	ug/L	1000		< 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
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	< 0.000100	< 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
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	< 0.000100	< 0.000100	< 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	< 0.000100	< 0.000100	< 0.000200	< 0.000200 UJ	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Bis(2-ethylhexyl)phthalate	mg/L	0.0027		0.0019 j	< 0.00200	< 0.00200	< 0.00200	0.0115 J+	< 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
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
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 BU	< 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	< 0.000400	< 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
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

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 Stated Enviornmental 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
Analytical Data Summary 2021- 2025
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
			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
			Sample Type	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
Analyte	Unit	1992 ROD CUOs		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
Bromoform	ug/L	0.2		< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 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
m,p-Xylenes	ug/L	NS		< 1	< 1	< 1	0.49 j	< 1	< 1	< 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
Naphthalene	ug/L	25		0.43 j	< 2	< 2	1.2 j	< 2	< 2	< 2.00	0.52 j	< 2.00 BU	< 2.00
o-Xylene	ug/L	NS		< 1	< 1	< 1	0.12 j	< 1	< 1	< 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
trans-1,2-Dichloroethene	ug/L	100		< 2	< 2	< 2	< 2	< 2	< 2	< 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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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 Stated Enviornmental Protection Agency Record of Decision Clean Up
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
Analytical Data Summary 2021- 2025
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
		Sample Date	09/14/2023	10/25/2023	02/13/2024	05/09/2024	08/28/2024	11/20/2024	02/25/2025	05/07/2025	08/05/2025	11/12/2025
		Sample Type	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
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	< 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
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	< 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
Toluene	ug/L	1000	< 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
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	< 0.000100	< 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
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	< 0.000100	< 0.000100	< 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	< 0.000100	< 0.000100	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	0.0017 i	0.00426	< 0.00200	< 0.00200	< 0.00301	< 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
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
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 BU	< 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	< 0.000400	< 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
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

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 Stated Enviornmental Protection Agency Record of Decision Clean Up
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
Analytical Data Summary 2021- 2025
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	02/23/2021	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
		Sample Type	N	FD	N	N	N	N	N	N	fd	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	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50	< 0.50	< 0.50
Bromoform	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00	< 0.20
Ethylbenzene	ug/L	700	< 1	< 1	< 1	< 1	0.13 j	< 1	< 1	< 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
Methylene chloride	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00
Naphthalene	ug/L	25	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00	0.54 j
o-Xylene	ug/L	NS	< 1	< 1	< 1	< 1	0.13 j	< 1	< 1	< 1.00	< 1.00	< 1.00
Toluene	ug/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 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
Xylene, Total	ug/L	10000	< 2	< 2	< 2	< 2	0.54 j	< 2	< 2	< 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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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 Stated Enviornmental 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
Analytical Data Summary 2021- 2025
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
		Sample Date	02/14/2023	05/16/2023	09/14/2023	10/26/2023	02/14/2024	05/07/2024	08/29/2024	11/20/2024	02/24/2025	05/06/2025	08/05/2025	11/13/2025
		Sample Type	N	N	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	74 - 84 ft	74 - 84 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	0.10 j	< 0.50 UJ	< 0.50	< 0.50	0.12 j
Bromoform	ug/L	0.2	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20 UJ	< 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 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	< 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	< 2.00 UJ	< 2.00	< 2.00	< 2.00
Naphthalene	ug/L	25	< 2.00 BU	< 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	< 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	< 2.00 UJ	< 2.00	< 2.00	< 2.00
trans-1,2-Dichloroethene	ug/L	100	< 2.00	0.12 j	< 2.00	< 2.00	0.19 j	0.21 j	0.36 j	0.36 j	0.31 J	0.38 j	0.42 j	0.33 j
Xylene, Total	ug/L	10000	< 2.00	< 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	< 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
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
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	< 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
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 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	< 0.000100	< 0.000100	< 0.000200	< 0.000200 UJ	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	< 0.00200	0.0015 j	< 0.00200	< 0.00200	< 0.00200	0.00227	< 0.0020	0.00383	< 0.00200	< 0.00200	0.00379	0.00204
Chrysene	mg/L	0.0015	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 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	< 0.000100	< 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	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	< 0.000300
Fluorene	mg/L	0.28	< 0.000200	< 0.000200	< 0.000200	< 0.000200 BU	< 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	< 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
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
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
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
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

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 Stated Enviornmental 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 m

Attachment D
Analytical Data Summary 2021- 2025
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	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
		Sample Type	N	N	N	N	FD	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	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.50	< 0.50
Bromoform	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 0.20
Ethylbenzene	ug/L	700	< 1	< 1	< 1	0.11 j	0.13 j	< 1	< 1	< 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
Methylene chloride	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00
Naphthalene	ug/L	25	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	0.48 j
o-Xylene	ug/L	NS	< 1	< 1	< 1	< 1	0.11 j	< 1	< 1	< 1.00	< 1.00
Toluene	ug/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	0.13 j	< 2.00	< 2.00
trans-1,2-Dichloroethene	ug/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00
Xylene, Total	ug/L	10000	< 2	< 2	< 2	0.39 j	0.56 j	< 2	< 2	< 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
Acenaphthylene	mg/L	0.21	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 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
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
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
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
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
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
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
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 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
Dibutyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 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
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 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
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
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 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
Phenanthrene	mg/L	0.21	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 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

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 Stated Enviornmental 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
Analytical Data Summary 2021- 2025
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
		Sample Date	02/14/2023	05/16/2023	09/14/2023	10/26/2023	02/14/2024	05/07/2024	08/29/2024	11/20/2024	02/24/2025	05/06/2025	08/05/2025	11/13/2025
		Sample Type	N	N	N	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
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	< 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
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 BU	< 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	< 2.00	< 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	< 2.00	< 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	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
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
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
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	< 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
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 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	< 0.000100	< 0.000100	< 0.000200	< 0.000200 UJ	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	0.00331	0.00295	< 0.00200	< 0.00200	0.00266	0.00450	< 0.0020	0.00260	0.00334	0.00478	0.00240	0.00317 J+
Chrysene	mg/L	0.0015	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 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	< 0.000100	< 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	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	< 0.000300
Fluorene	mg/L	0.28	< 0.000200	< 0.000200	< 0.000200	< 0.000200 BU	< 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	< 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
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
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
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
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

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 Stated Enviornmental 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 numer approximate concentration of the analyte in the sample.

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

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

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

U = The analyte was analyzed for, but was not detected above 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 Valida

Attachment D
Analytical Data Summary 2021- 2025
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
		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
		Sample Type	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
Analyte	Unit	1992 ROD CUOs	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
Bromoform	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 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
m,p-Xylenes	ug/L	NS	< 1	< 1	< 1	0.5 j	< 1	< 1	< 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
Naphthalene	ug/L	25	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	0.47 Bj	< 2.00 BU	< 2.00
o-Xylene	ug/L	NS	< 1	< 1	< 1	0.12 j	< 1	< 1	< 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
trans-1,2-Dichloroethene	ug/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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 Stated Enviornmental 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
Analytical Data Summary 2021- 2025
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
		Sample Date	09/14/2023	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
		Sample Type	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
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 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 UJ	< 0.20	< 0.20	< 0.20
Ethylbenzene	ug/L	700	< 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 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 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 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 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 UJ	< 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 UJ	< 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 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
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	< 0.000100	< 0.000100	< 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	< 0.000100	< 0.000100	< 0.000200	< 0.000200 UJ	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	< 0.00200	< 0.00200	0.00201	< 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
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
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 BU	< 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	< 0.000400	< 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
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

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 Stated Enviornmental 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 Valida

Attachment D
Analytical Data Summary 2021- 2025
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
		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
		Sample Type	N	N	N	N	N	FD	N	N	N	FD
		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
Analyte	Unit	1992 ROD CUOs	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
Bromoform	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 0.20	< 0.20
Ethylbenzene	ug/L	700	< 1	< 1	< 1	0.15 j	< 1	< 1	< 1	< 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
Methylene chloride	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 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
o-Xylene	ug/L	NS	< 1	< 1	< 1	0.11 j	< 1	< 1	< 1	< 1.00	< 1.00	< 1.00
Toluene	ug/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 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
Xylene, Total	ug/L	10000	< 2	< 2	< 2	0.61 j	< 2	< 2	< 2	< 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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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 Stated Enviornmental 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 dislplaved.
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
Analytical Data Summary 2021- 2025
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
		Sample Date	02/14/2023	02/14/2023	05/16/2023	09/14/2023	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
		Sample Type	N	FD	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	12 - 22 ft	12 - 22 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	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50 UJ	< 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 UJ	< 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 UJ	< 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 UJ	< 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 UJ	< 2.00
Naphthalene	ug/L	25	< 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 UJ	< 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 UJ	< 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	< 2.00 UJ	< 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 UJ	< 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 UJ	< 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
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
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
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	< 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
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 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
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000200	< 0.000200 UJ	< 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	< 0.00200	< 0.00200
Chrysene	mg/L	0.0015	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 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
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
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	< 0.000300	< 0.000300
Fluorene	mg/L	0.28	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200 BU	< 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	< 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	< 0.000400	< 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
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

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 Stated Enviornmental 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 disolaved.
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
Analytical Data Summary 2021- 2025
Ameren Taylorville
Taylorville, Illinois

		Location	GW-20	GW-20	GW-20	GW-20	GW-20	GW-20	GW-20	GW-20	GW-20	GW-20
		Sample Date	02/23/2021	05/11/2021	05/11/2021	08/11/2021	11/10/2021	02/16/2022	05/09/2022	09/07/2022	11/29/2022	02/14/2023
		Sample Type	N	N	FD	N	N	N	N	N	N	N
		Depth	4.5 - 9.5 ft	4.5 - 9.5 ft	4.5 - 9.5 ft	4.5 - 9.5 ft	4.5 - 9.5 ft	4.5 - 9.5 ft	4.5 - 9.5 ft	4.5 - 9.5 ft	4.5 - 9.5 ft	4.5 - 9.5 ft
Analyte	Unit	1992 ROD CUOs	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
Bromoform	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 0.20	< 0.20
Ethylbenzene	ug/L	700	< 1	< 1	< 1	< 1	0.12 j	< 1	< 1	< 1.00	< 1.00	< 1.00
m,p-Xylenes	ug/L	NS	< 1	< 1	< 1	< 1	0.47 j	< 1	< 1	< 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
Naphthalene	ug/L	25	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	0.47 Bj	< 2.00 BU
o-Xylene	ug/L	NS	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1.00	< 1.00	< 1.00
Toluene	ug/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00	0.16 j
trans-1,2-Dichloroethene	ug/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00
Xylene, Total	ug/L	10000	< 2	< 2	< 2	< 2	0.47 j	< 2	< 2	< 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
Acenaphthylene	mg/L	0.21	0.000075 j	0.00033	0.000509	0.000498	0.000229	0.00062	0.00008 j	0.000700	0.000363	0.000670
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
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	0.000388	0.000671	0.000565	0.000316	0.000693	0.000088 j	0.000921	0.000460	0.000650
Benzo(a)pyrene	mg/L	0.0002	0.000238	0.00135	0.00223	0.00193	0.000893	0.00224	0.000337	0.00271	0.00167	0.00282
Benzo(b)fluoranthene	mg/L	0.00018	0.000174	0.00107	0.00184	0.00173	0.000825	0.00198	0.000258	0.00240	0.00128	0.00220
Benzo(g,h,i)perylene	mg/L	0.21	0.000243	0.00129	0.00197	0.00203	0.000894	0.00219	0.000441	0.00283	0.00159	0.00261
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	0.000302	0.000497	0.000521	0.00017	0.000629	0.00008 j	0.000695	0.000393	0.000508
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	0.0016 j	< 0.00200	< 0.00200
Chrysene	mg/L	0.0015	0.000073 j	0.000548	0.000921	0.000754	0.000398	0.000937	0.000151	0.00118	0.000604	0.000941
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	0.00018 j	0.000294	0.000376	0.00012 j	0.000408	< 0.0002	0.000490	0.000230	0.000475
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
Fluoranthene	mg/L	0.28	< 0.0003	0.000342	0.000652	0.000616	0.000316	0.00069	< 0.0003	0.00100	0.000582	0.000576
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
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	0.000892	0.00147	0.0014	0.000611	0.00161	0.000345	0.00202	0.00107	0.00178
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
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
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
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
Pyrene	mg/L	0.21	< 0.0002	0.000845	0.00151	0.00127	0.000613	0.00156	0.000208 B	0.00197	0.00112	0.00123

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 Stated Enviornmental 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
Analytical Data Summary 2021- 2025
Ameren Taylorville
Taylorville, Illinois

		Location	GW-20	GW-20	GW-20	GW-20	GW-20	GW-20	GW-20	GW-20	GW-20(FF)	GW-20	GW-20(FF)	GW-20	GW-20(FF)	GW-20	GW-20(FF)
		Sample Date	05/16/2023	09/14/2023	10/26/2023	02/14/2024	05/07/2024	08/29/2024	11/19/2024	02/24/2025	02/24/2025	05/06/2025	05/06/2025	08/04/2025	08/04/2025	11/12/2025	11/12/2025
		Sample Type	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
		Depth	4.5 - 9.5 ft	4.5 - 9.5 ft	4.5 - 9.5 ft	4.5 - 9.5 ft	4.5 - 9.5 ft	4.5 - 9.5 ft	4.5 - 9.5 ft	4.5 - 9.5 ft	4.5 - 9.5 ft	4.5 - 9.5 ft	4.5 - 9.5 ft	4.5 - 9.5 ft	4.5 - 9.5 ft	4.5 - 9.5 ft	4.5 - 9.5 ft
Analyte	Unit	1992 ROD CUOs	Result	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 UJ	< 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 UJ	< 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 UJ	< 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 UJ	< 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 UJ	< 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 UJ	< 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 UJ	< 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 UJ	< 2.0	< 2.00	0.24 j	< 2.00	< 2.00	< 2.00	0.20 j
trans-1,2-Dichloroethene	ug/L	100	< 2.00	0.48 j	0.52 j	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00 UJ	< 2.00	< 2.00	0.41 j	< 2.00	< 2.00	< 2.00	0.26 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	< 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	< 0.000100
Acenaphthylene	mg/L	0.21	0.000178	0.000635	0.000198	0.000172	0.000113	0.000285	0.000192	< 0.000100	< 0.000100	0.000237	< 0.000100	0.000788	< 0.000100	0.000146	< 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	< 0.000300
Benzo(a)anthracene	mg/L	0.00013	0.000155	0.000976	0.000314	0.000177	0.000089 j	0.000203	0.000205	0.000072	< 0.000100	0.000212	< 0.000100	0.00128	0.000123	0.000107	< 0.000100
Benzo(a)pyrene	mg/L	0.0002	0.000684	0.00315	0.00111	0.000579	0.000328	0.000883	0.000535	0.000241	< 0.000200	0.00102	< 0.000200	0.00433	0.000342	0.000504	< 0.000200
Benzo(b)fluoranthene	mg/L	0.00018	0.000434	0.00269	0.000961	0.000563	0.000282 J	0.000745	0.000710	0.000211	< 0.000200	0.000883	< 0.000200	0.00400	0.000351	0.000524	< 0.000200
Benzo(g,h,i)perylene	mg/L	0.21	0.000745	0.00324	0.00112	0.000562	0.000566	0.000992	0.000832	0.000238	< 0.000200	0.000910	< 0.000200	0.00408	0.000282	0.000609	< 0.000200
Benzo(k)fluoranthene	mg/L	0.00017	0.000161	0.000771	0.000288	0.000153	< 0.000200 UJ	0.000252 J	0.00018 j	< 0.000200	< 0.000200	0.000211	< 0.000200	0.00108	< 0.000200	< 0.000200	< 0.000200
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	< 0.00200	0.0016 j	< 0.00200	< 0.00200	< 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	0.000223	0.00131	0.000468	0.000236	0.00017 j	0.000344	0.000247	< 0.000200	< 0.000200	0.000336	< 0.000200	0.00173	0.00015 j	0.00017 j	< 0.000200
Dibenzo(a,h)anthracene	mg/L	0.0003	0.00012 j	0.000681	0.00016 j	< 0.000200	< 0.000200	0.00013 j	< 0.000200	< 0.000200	< 0.000200	0.00018 j	< 0.000200	0.00124	< 0.000100	0.000104	< 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	< 0.0100
Fluoranthene	mg/L	0.28	< 0.000300	0.00107	0.000333	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	0.00124	< 0.000300	< 0.000300	< 0.000300
Fluorene	mg/L	0.28	< 0.000200	< 0.000200	< 0.000200 BU	< 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	0.000442	0.00234	0.000712	0.000374	0.000314 J	0.000746	0.000492	< 0.000200	< 0.000200	0.000636	< 0.000200	0.00328	0.000260	0.000430	< 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	< 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	< 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	< 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	< 0.000600
Pyrene	mg/L	0.21	0.000362	0.00227	0.000534	0.000294	0.000212	0.000428	0.000422	< 0.000200	< 0.000200	0.000468	< 0.000200	0.00254	0.000250	0.000248	< 0.000200

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 Stated Enviornmental 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 Valida

Attachment D
Analytical Data Summary 2021- 2025
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
		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
		Sample Type	N	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	79 - 89 ft
Analyte	Unit	1992 ROD CUOs	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
Bromoform	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 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
m,p-Xylenes	ug/L	NS	< 1	< 1	< 1	0.43 j	< 1 SU	< 1	< 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
Naphthalene	ug/L	25	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00 BU	0.59 j	< 2.00
o-Xylene	ug/L	NS	< 1	< 1	< 1	0.11 j	< 1 SU	< 1	< 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
trans-1,2-Dichloroethene	ug/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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 Stated Enviornmental 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
Analytical Data Summary 2021- 2025
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
		Sample Date	09/14/2023	10/26/2023	10/26/2023	02/15/2024	05/09/2024	08/30/2024	11/21/2024	02/26/2025	05/07/2025	08/06/2025	11/13/2025
		Sample Type	N	N	FD	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	79 - 89 ft	79 - 89 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	< 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
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
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
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
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
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
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
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
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
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	< 0.000100	< 0.000100	< 0.000200 UJ	< 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	< 0.000100	< 0.000100	< 0.000200 UJ	< 0.000200 UJ	< 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	< 0.000100	< 0.000100	< 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	< 0.000100	< 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
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	< 0.000200 BU	< 0.000200 BU	< 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	< 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

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 Stated Enviornmental 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 Valid

Attachment D
Analytical Data Summary 2021- 2025
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	
		Sample Type	N	N	N	FD	N	FD	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	
Analyte	Unit	1992 ROD CUOs	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	
Bromoform	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 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	
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	
Methylene chloride	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 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	
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	
Toluene	ug/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	0.12 j	< 2.00	0.22 j	0.25 j	< 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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	

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 Stated Enviornmental 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
Analytical Data Summary 2021- 2025
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	GW-22S	GW-22S
		Sample Date	09/14/2023	10/26/2023	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
		Sample Type	N	N	N	N	FD	N	FD	N	FD	N	FD	N	FD	N	FD
		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	25 - 35 ft
Analyte	Unit	1992 ROD CUOs	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
VOCs																	
Benzene	ug/L	5	< 0.50	< 0.50	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
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	< 0.20
Ethylbenzene	ug/L	700	< 1.00	< 1.00	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
m,p-Xylenes	ug/L	NS	< 1.00	< 1.00	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
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	< 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	< 2.00
o-Xylene	ug/L	NS	< 1.00	< 1.00	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
Toluene	ug/L	1000	< 2.00	< 2.00	< 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
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	< 2.00
Xylene, Total	ug/L	10000	< 2.00	< 2.00	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
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	< 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	< 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	< 0.000300
Benzo(a)anthracene	mg/L	0.00013	< 0.000100	< 0.000100	< 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
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	< 0.000200
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000100	< 0.000100	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
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	< 0.000200
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000100	< 0.000100	< 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
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	0.0019 j	0.00380	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
Chrysene	mg/L	0.0015	< 0.000100	< 0.000100	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
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	< 0.000200	< 0.000200	< 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	< 0.0100
Fluoranthene	mg/L	0.28	< 0.000300	< 0.000300	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
Fluorene	mg/L	0.28	< 0.000200	< 0.000200 BU	< 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	< 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	< 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	< 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	< 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	< 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	< 0.000200

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 Stated Enviornmental 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.

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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
Analytical Data Summary 2021- 2025
Ameren Taylorville
Taylorville, Illinois

		Location	GW-22S
		Sample Date	11/12/2025
		Sample Type	N
		Depth	25 - 35 ft
Analyte	Unit	1992 ROD CUOs	Result
VOCs			
Benzene	ug/L	5	< 0.50
Bromoform	ug/L	0.2	< 0.20
Ethylbenzene	ug/L	700	< 1.00
m,p-Xylenes	ug/L	NS	< 1.00
Methylene chloride	ug/L	0.2	< 2.00
Naphthalene	ug/L	25	< 2.00
o-Xylene	ug/L	NS	< 1.00
Toluene	ug/L	1000	< 2.00
trans-1,2-Dichloroethene	ug/L	100	< 2.00
Xylene, Total	ug/L	10000	< 2.00
SVOCs			
Acenaphthene	mg/L	0.42	< 0.000100
Acenaphthylene	mg/L	0.21	< 0.000100
Anthracene	mg/L	2.1	< 0.000300
Benzo(a)anthracene	mg/L	0.00013	< 0.000100
Benzo(a)pyrene	mg/L	0.0002	< 0.000200
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000200
Benzo(g,h,i)perylene	mg/L	0.21	< 0.000200
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000200
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	< 0.00200
Chrysene	mg/L	0.0015	< 0.000200
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000100
Dibutyl phthalate	mg/L	0.7	< 0.0100
Fluoranthene	mg/L	0.28	< 0.000300
Fluorene	mg/L	0.28	< 0.000200
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000200
m,p-cresol	mg/L	0.35	< 0.0100
o-Cresol	mg/L	0.35	< 0.0100
Naphthalene	mg/L	0.025	< 0.000400
Phenanthrene	mg/L	0.21	< 0.000600
Pyrene	mg/L	0.21	< 0.000200

Notes:
FD = Field Duplicate Sample
N = Normal Environmental Sample
TB = Trip Blank
EB= Equipment Blank
FF = Field Filtered Sample
mg/L = milligrams per liter
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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
Analytical Data Summary 2021- 2025
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
		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
		Sample Type	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
Analyte	Unit	1992 ROD CUOs	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
Bromoform	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 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
m,p-Xylenes	ug/L	NS	< 1	< 1	< 1	0.48 j	< 1	< 1	< 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
Naphthalene	ug/L	25	3.29	< 2	< 2	< 2	< 2	< 2	< 2.00 BU	0.46 Bj	< 2.00 BU	< 2.00
o-Xylene	ug/L	NS	< 1	< 1	< 1	0.1 j	< 1	< 1	< 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
trans-1,2-Dichloroethene	ug/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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 Stated Enviornmental 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
Analytical Data Summary 2021- 2025
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
		Sample Date	09/14/2023	10/26/2023	02/14/2024	05/09/2024	08/28/2024	11/21/2024	03/18/2025	05/07/2025	08/18/2025	11/12/2025
		Sample Type	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
Analyte	Unit	1992 ROD CUOs	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
VOCs												
Benzene	ug/L	5	< 0.50	0.16 j	< 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
Ethylbenzene	ug/L	700	< 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
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	1.5 j	3.77	< 2.00	< 2.00	0.86 j	< 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
Toluene	ug/L	1000	< 2.00	< 2.00	< 2.00	< 2.00	< 2.0	< 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
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	< 0.000100	< 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
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	< 0.000100	< 0.000100	< 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 UJ	< 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
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	< 0.00200	< 0.00200	< 0.00200	< 0.00200	< 0.0020	< 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
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
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 BU	< 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 UJ	< 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 UJ	0.00060 j	< 0.0100
o-Cresol	mg/L	0.35	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100	< 0.0100 UJ	< 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
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

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 Stated Enviornmental 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 Valida

Attachment D
Analytical Data Summary 2021- 2025
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
		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
		Sample Type	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
Analyte	Unit	1992 ROD CUOs	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
Bromoform	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2.00	< 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
m,p-Xylenes	ug/L	NS	< 1	< 1	< 1	0.52 j	< 1	< 1	< 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
Naphthalene	ug/L	25	0.52 j	< 2	< 2	< 2	< 2	< 2	< 2.00	< 2.00 BU	< 2.00 BU	< 2.00
o-Xylene	ug/L	NS	< 1	< 1	< 1	0.12 j	< 1	< 1	< 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
trans-1,2-Dichloroethene	ug/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

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 Stated Enviornmental 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
Analytical Data Summary 2021- 2025
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
		Sample Date	09/15/2023	10/26/2023	02/15/2024	05/08/2024	08/29/2024	11/20/2024	03/18/2025	05/06/2025	08/04/2025	11/11/2025
		Sample Type	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
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	< 0.20
Ethylbenzene	ug/L	700	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	0.12 j	< 1.00	< 1.00	< 1.00	0.31 j
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	0.69 j	< 2.00	< 2.00	< 2.00	< 2.00	4.25	< 2.00	< 2.00	< 2.00	2.11
o-Xylene	ug/L	NS	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	0.24 j
Toluene	ug/L	1000	< 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
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	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	0.000087 j
Acenaphthylene	mg/L	0.21	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	< 0.000100	0.000139
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	0.000107
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	< 0.000100	< 0.000100	< 0.000200 UJ	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	0.00019 j
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	< 0.000100	< 0.000100	< 0.000200 UJ	< 0.000200 UJ	< 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	< 0.000100	< 0.000100	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 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	< 0.000200	< 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
Fluoranthene	mg/L	0.28	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	< 0.000300	0.000390
Fluorene	mg/L	0.28	< 0.000200	< 0.000200 BU	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	0.000351
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000200	< 0.000200	< 0.000200	< 0.000200 UJ	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200 UJ	< 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	< 0.000400	< 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	0.000985
Pyrene	mg/L	0.21	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	< 0.000200	0.000284

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 Stated Enviornmental 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 Valid

Attachment D
Analytical Data Summary 2021- 2025
Ameren Taylorville
Taylorville, Illinois

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

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 Stated Enviornmental 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
Analytical Data Summary 2021- 2025
Ameren Taylorville
Taylorville, Illinois

		Location	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
		Sample Type	N	N	FD	N	N	N
		Depth	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
VOCs								
Benzene	ug/L	5	< 0.5	< 0.5	< 0.5	< 0.50	< 0.50	< 0.50
Bromoform	ug/L	0.2	< 2	< 2	< 2	< 0.20	< 0.20	< 0.20
Ethylbenzene	ug/L	700	< 1	< 1	< 1	< 1.00	< 1.00	< 1.00
m,p-Xylenes	ug/L	NS	< 1	< 1	< 1	< 1.00	< 1.00	< 1.00
Methylene chloride	ug/L	0.2	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00
Naphthalene	ug/L	25	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00
o-Xylene	ug/L	NS	< 1	< 1	< 1	< 1.00	< 1.00	< 1.00
Toluene	ug/L	1000	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00
trans-1,2-Dichloroethene	ug/L	100	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00
Xylene, Total	ug/L	10000	< 2	< 2	< 2	< 2.00	< 2.00	< 2.00
SVOCs								
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100
Acenaphthylene	mg/L	0.21	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 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
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 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
Benzo(g,h,i)perylene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 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
Bis(2-ethylhexyl)phthalate	mg/L	0.0027	< 0.002	< 0.002	< 0.002	< 0.00200	< 0.00200	< 0.00200
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.000100	< 0.000200	< 0.000200
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200
Dibutyl phthalate	mg/L	0.7	< 0.01	0.00085 j	< 0.01	< 0.0100	< 0.0100	< 0.0100
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.000300	< 0.000300	< 0.000300
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 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
m,p-cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100
Naphthalene	mg/L	0.025	< 0.0004	< 0.0004	< 0.0004	< 0.000400	< 0.000400	< 0.000400
Phenanthrene	mg/L	0.21	< 0.0006	< 0.0006	< 0.0006	< 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

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 Stated Enviornmental 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.
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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
Analytical Data Summary 2021- 2025
Ameren Taylorville
Taylorville, Illinois

		Location	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
		Sample Type	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
Analyte	Unit	1992 ROD CUOs	Result	Result	Result	Result	Result
VOCs							
Benzene	ug/L	5	< 0.5	< 0.5	< 0.50	< 0.50	< 0.50
Bromoform	ug/L	0.2	< 2	< 2	< 0.20	< 0.20	< 0.20
Ethylbenzene	ug/L	700	< 1	< 1	< 1.00	< 1.00	< 1.00
m,p-Xylenes	ug/L	NS	< 1	< 1	< 1.00	< 1.00	< 1.00
Methylene chloride	ug/L	0.2	< 2	< 2	< 2.00	< 2.00	< 2.00
Naphthalene	ug/L	25	< 2	< 2	< 2.00	< 2.00 HU	< 2.00
o-Xylene	ug/L	NS	< 1	< 1	< 1.00	< 1.00	< 1.00
Toluene	ug/L	1000	< 2	< 2	< 2.00	< 2.00	< 2.00
trans-1,2-Dichloroethene	ug/L	100	< 2	< 2	< 2.00	< 2.00	< 2.00
Xylene, Total	ug/L	10000	< 2	< 2	< 2.00	< 2.00	< 2.00
SVOCs							
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100
Acenaphthylene	mg/L	0.21	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.000300	< 0.000300	< 0.000300
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.000100	< 0.000100	< 0.000100
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Bis(2-ethylhexyl)phthalate	mg/L	0.0027	0.0019 j	< 0.002	< 0.00200	< 0.00200	< 0.00200
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.000100	< 0.000200	< 0.000200
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.000200	< 0.000200	< 0.000200
Dibutyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.000300	< 0.000300	< 0.000300
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 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
m,p-cresol	mg/L	0.35	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.0100	< 0.0100	< 0.0100
Naphthalene	mg/L	0.025	< 0.0004	< 0.0004	< 0.000400	< 0.000400	< 0.000400
Phenanthrene	mg/L	0.21	< 0.0006	< 0.0006	< 0.000600	< 0.000600	< 0.000600
Pyrene	mg/L	0.21	< 0.0002	< 0.0002 BU	< 0.000200	< 0.000200	< 0.000200

Notes:
FD = Field Duplicate Sample
N = Normal Environmental Sample
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FF = Field Filtered Sample
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Analysis performed by TEKLAB
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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.
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Attachment D
Analytical Data Summary 2021- 2025
Ameren Taylorville
Taylorville, Illinois

		Location	EQB-001	EQB-001	EQB-001	EQB-001	EQB-001	EQB-001	EQB-001	EQB-001	EQB-001	EQB-001	EQB-002
		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
		Sample Type	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
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
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
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
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	< 2.0	< 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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

Notes:
FD = Field Duplicate Sample
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EB= Equipment Blank
FF = Field Filtered Sample
mg/L = milligrams per liter
ug/L = micrograms per liter
1992 ROD CUOs = 1992 United Stated Enviornmental Protection Agency Record of Decision Clean Up Objectives
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Analysis performed by TEKLAB

Qualifier Definition(s)

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R= RPD outside accepted recovery limits.
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Attachment D
Analytical Data Summary 2021- 2025
Ameren Taylorville
Taylorville, Illinois

		Location	TB-001	TB-002	TB-001	TB-002	TB-001	TB-002	TB-001	TB-002	TB-001	TB-002
		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
		Sample Type	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
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
Bromoform	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	ug/L	700	< 1	< 1	< 1	< 1	< 1	< 1	0.21 j	0.2 j	< 1	< 1
m,p-Xylenes	ug/L	NS	< 1	< 1	< 1	< 1	< 1	0.21 j	0.85 j	0.93 j	< 1	< 1
Methylene chloride	ug/L	0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	ug/L	25	< 2	< 2	< 2	< 2	< 2	< 2	0.67 j	< 2	< 2	< 2
o-Xylene	ug/L	NS	< 1	< 1	< 1	< 1	< 1	< 1	0.16 j	0.19 j	< 1	< 1
Toluene	ug/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	0.11 j	0.11 j	< 2	< 2
trans-1,2-Dichloroethene	ug/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylene, Total	ug/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	1 j	1.1 j	< 2	< 2

Notes:
FD = Field Duplicate Sample
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E = Value above quantitation range.
H = Analysis outside of hold time.
R= RPD outside accepted recovery limits.
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Attachment D
Analytical Data Summary 2021- 2025
Ameren Taylorville
Taylorville, Illinois

		Location	TB-001	TB-002	TB-001	TB-002	TB-001	TB-002	TB-001	TB-002	TB-001	TB-002
		Sample Date	05/12/2022	05/12/2022	09/07/2022	09/08/2022	11/30/2022	11/30/2022	02/15/2023	02/15/2023	05/18/2023	05/18/2023
		Sample Type	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
VOCs												
Benzene	ug/L	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	< 2.0	< 2.00	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20
Ethylbenzene	ug/L	700	< 1	< 1	< 2.0	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
m,p-Xylenes	ug/L	NS	< 1	< 1		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Methylene chloride	ug/L	0.2	< 2	< 2	< 2.0	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Naphthalene	ug/L	25	< 2	< 2	< 5.0	< 2.00	0.46 Bj	0.78 j	< 2.00 BU	< 2.00 BU	< 2.00	< 2.00
o-Xylene	ug/L	NS	< 1	< 1		< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00
Toluene	ug/L	1000	< 2	< 2	< 2.0	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
trans-1,2-Dichloroethene	ug/L	100	< 2	< 2	< 2.0	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00
Xylene, Total	ug/L	10000	< 2	< 2	< 4.0	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00

Notes:
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Attachment D
Analytical Data Summary 2021- 2025
Ameren Taylorville
Taylorville, Illinois

		Location	TB-001	TB-001	TB-001	TB-001	TB-001	TB-001	TB-001	TB-001	TB-001	TB-001
		Sample Date	09/15/2023	10/25/2023	02/15/2024	05/10/2024	08/30/2024	11/22/2024	02/26/2025	03/18/2025	05/08/2025	08/07/2025
		Sample Type	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
VOCs												
Benzene	ug/L	5	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	RJ
Bromoform	ug/L	0.2	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	< 0.20	RJ
Ethylbenzene	ug/L	700	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	0.55	< 1.00	< 1.00	RJ
m,p-Xylenes	ug/L	NS	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	RJ
Methylene chloride	ug/L	0.2	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	RJ
Naphthalene	ug/L	25	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	RJ
o-Xylene	ug/L	NS	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	< 1.00	0.39	< 1.00	< 1.00	RJ
Toluene	ug/L	1000	< 2.00	< 2.00	0.16 j	< 2.00	1.3 j	< 2.00	0.20	< 2.00	< 2.00	RJ
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	RJ
Xylene, Total	ug/L	10000	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	< 2.00	0.39	< 2.00	< 2.00	RJ

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Attachment D
Analytical Data Summary 2021- 2025
Ameren Taylorville
Taylorville, Illinois

		Location	TB-001	TB-001
		Sample Date	08/18/2025	11/13/2025
		Sample Type	TB	TB
Analyte	Unit	1992 ROD CUOs	Result	Result
VOCs				
Benzene	ug/L	5	< 0.50	< 0.50
Bromoform	ug/L	0.2	< 0.20	< 0.20
Ethylbenzene	ug/L	700	< 1.00	< 1.00
m,p-Xylenes	ug/L	NS	< 1.00	< 1.00
Methylene chloride	ug/L	0.2	1.1 j	< 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	< 2.00
trans-1,2-Dichloroethene	ug/L	100	< 2.00	< 2.00
Xylene, Total	ug/L	10000	< 2.00	< 2.00

Notes:
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TB = Trip Blank
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FF = Field Filtered Sample
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ATTACHMENT E DATA VALIDATION SUMMARY

ERM

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Portland, OR 97204

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erm.com

MEMO

TO	Michael Abegg
FROM	Rachel James
DATE	2025-12-19
REFERENCE	0760991
SUBJECT	Data Review of Ameren Taylorville, 4Q25 Groundwater Monitoring Samples. Samples Collected November 11-13, 2025: Teklab, Inc., Data Package(s) 25111223.

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.
- **Internal standards:** The presence and recoveries of internal standards and their appropriate association to target analytes were reviewed.
- **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 rations, 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:	Preservation Evaluation
Table 3:	Calibration Verification Evaluation
Table 4:	Laboratory Control Spike Evaluation
Table 5:	Surrogate Evaluation
Table 6:	Field Duplicate Evaluation
Table 7:	Professional Judgement 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.

- **25111223:** 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-PREFERRED RESULTS

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

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 pH values, and, as applicable, all vials for volatile analysis were received with no documented headspace, with the exceptions and any necessary qualifications noted in Table 2.

Sample preservation situations requiring additional professional judgement are detailed below.

- The non-detect volatile organic compound results for sample GW-07-WG-20251111 agreed with historical data; therefore, they are considered useable and were not rejected. The reported non-detect results are estimated non-detects.

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 3.

LABORATORY BLANK EVALUATION

The laboratory blank sample results were non-detected for each of the target analytes. The blank results indicate that contaminants were not introduced to the samples during processing or analysis in the laboratory.

FIELD BLANK EVALUATION

The trip and equipment blank sample results were non-detected for each of the target analytes or were qualified as non-detected due to laboratory blank contamination. The blank results indicate that contaminants were not introduced to the samples during collection, shipment, handling, and storage.

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, with the exceptions and any necessary qualifications noted in Table 4. Results were not qualified if the paired spiked sample recovery was acceptable, if high recoveries or RPDs were associated with non-detected results, or if the exception was not associated with reported results.

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. The MS/MSD recoveries and RPDs indicate acceptable matrix-specific accuracy and precision. 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.

SURROGATE EVALUATION

The surrogate recoveries were within the laboratory limits of acceptance, with the exceptions and any necessary qualifications noted in Table 5. 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.

INTERNAL STANDARD EVALUATION

The internal standard responses for reported results were within acceptable limits. The acceptable internal standard responses indicate that the instrument sensitivity and responses were stable during each analysis.

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 ± two times the reporting limit for an aqueous matrix or ± 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 6.

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

Using the validator's professional judgement, additional qualifiers, if needed, as noted in Table 7 were assigned for the following reasons.

- Suspected dilution factor error made at laboratory

Professional judgment situations requiring additional professional judgement are detailed below.

- It is suspected that the VOC results for sample DUP-002-WG-20251113, reported from the 10x dilution run on 11/15/2025 at 1:52, have an error in the dilution factor. The results from this run do not compare well with the paired parent sample results (GW-04R-WG-20251113); however, the benzene result which was reported from a different VOC run, and the SVOC results do compare well. The location GW-04R consistently has the highest detections in the quarterly datasets, and while ethylbenzene and xylene are higher than normal in the parent sample, the remaining affected analytes are within expected ranges. The results in DUP-002 are 10.1 to 11.3 times higher than the parent sample results. The laboratory was contacted and asked to investigate a possible dilution factor issue with the sample. The laboratory confirmed that all documentation listed the 10x factor, but agreed that it appeared the sample was analyzed at a 1x dilution. The sample has been disposed of and reanalysis is not possible. The affected DUP-002-WG-20251113 results are considered not representative, were not used for field precision comparison, and were rejected (R).

OVERALL ASSESSMENT

Excluding rejected results, all data can be used for decision-making purposes; however, the limitation identified by the applied qualifier 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
4Q25 Groundwater Monitoring Samples
Ameren Taylorville
Taylorville, Illinois

Lab Package	Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	VOCs (8260B)	SVOCs (8270C)
25111223	GW-04R-WG-20251113	25111223-001	Groundwater	11/13/2025	-	x	x
	GW-05-WG-20251111	25111223-002	Groundwater	11/11/2025	-	x	x
	GW-07-WG-20251111	25111223-003	Groundwater	11/11/2025	-	x	x
	GW-14-WG-20251113	25111223-004	Groundwater	11/13/2025	-	x	x
	GW-15-WG-20251113	25111223-005	Groundwater	11/13/2025	-	x	x
	GW-16S-WG-20251112	25111223-006	Groundwater	11/12/2025	-	x	x
	GW-16D-WG-20251112	25111223-007	Groundwater	11/12/2025	-	x	x
	GW-17-WG-20251112	25111223-008	Groundwater	11/12/2025	-	x	x
	GW-18S-WG-20251113	25111223-009	Groundwater	11/13/2025	-	x	x
	GW-18D-WG-20251113	25111223-010	Groundwater	11/13/2025	-	x	x
	DUP-002-WG-20251113	25111223-011	Groundwater	11/13/2025	GW-04R-WG-20251113	x	x
	GW-26-WG-20251111	25111223-012	Groundwater	11/11/2025	-	x	x
	EQB-001-WQ-20251111	25111223-013	Water Quality	11/11/2025	-	x	x
	EQB-002-WQ-20251112	25111223-014	Water Quality	11/12/2025	-	x	x
	GW-20FF-WG-20251112	25111223-015	Groundwater	11/12/2025	-	x	x
	GW-25-WG-20251112	25111223-016	Groundwater	11/12/2025	-	x	x
	GW-19S-WG-20251112	25111223-017	Groundwater	11/12/2025	-	x	x
	GW-19D-WG-20251112	25111223-018	Groundwater	11/12/2025	-	x	x
	GW-20-WG-20251112	25111223-019	Groundwater	11/12/2025	-	x	x
	GW-22S-WG-20251112	25111223-020	Groundwater	11/12/2025	-	x	x
	GW-22D-WG-20251113	25111223-021	Groundwater	11/13/2025	-	x	x

Table 1
Sample Summary
4Q25 Groundwater Monitoring Samples
Ameren Taylorville
Taylorville, Illinois

Lab Package	Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	VOCs (8260B)	SVOCs (8270C)
25111223	DUP-001-WG-20251111	25111223-022	Groundwater	11/11/2025	GW-07-WG-20251111	x	x
	TB-001-WQ-20251111	25111223-023	Groundwater	11/11/2025	-	x	

Notes:
- = not applicable
x = Analysis completed
EQB = equipment blank
SVOCs = semivolatile organic compounds
TB = trip blank
VOCs = volatile organic compounds

Table 2
Preservation Evaluation
4Q25 Groundwater Monitoring Samples
Ameren Taylorville
Taylorville, Illinois

Lab Package	Sample ID	Method	Sample Condition	Preservation Requirement	Analyte	ERM Qualifier
25111223	GW-07-WG-20251111	8260B	Headspace present in all vials	No headspace	All	UJ

Notes:
UJ = non-detected, estimated report limit

Table 3
Calibration Verification Evaluation
4Q25 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
25111223	CCV 11/19/2025 07:51	Dibenzo(a,h)anthracene	-36.9 %D	--	± 30 %D	None for qualification, analyte not reported from run	--	--	--
	CCV 11/20/2025 07:34	Dibenzo(a,h)anthracene	-32.4 %D	--	± 30 %D	DUP-002-WG-20251113	0.00169	mg/L	J

Notes:
-- = not applicable; associated data not affected
CCV = continuing calibration verification
ICV = initial calibration verification
J = estimated detected result
mg/L = milligrams per liter
RRF = relative response factor
r^2 = correlation coefficient

Table 4
Laboratory Control Spike Evaluation
4Q25 Groundwater Monitoring Samples
Ameren Taylorville
Taylorville, Illinois

Lab Package	Spike Sample ID	Associated Sample	Analyte	Recovery (%)	Limit (%)	RPD	RPD Limit	Result	Units	ERM Qualifier
25111223	LCS-247950 LCSD-247950	GW-07-WG-20251111	Bis(2-ethylhexyl)phthalate	187.4/174.4	53.3-164	Pass	34.5	0.00471	mg/L	J+
		GW-14-WG-20251113						0.00725	mg/L	J+
		GW-18S-WG-20251113						0.00317	mg/L	J+
		None for qualification, samples ND	Di-n-butyl phthalate	138.9/139.4	63.3-130	Pass	34.5	--	--	--
	LCS-248053 LCSD-248053	None for qualification, samples ND	Bis(2-ethylhexyl)phthalate	Pass/228.2	53.3-164	Pass	34.5	--	--	--

Notes:
-- = not applicable; associated data not affected
J+ = detected results are estimated with a high bias
LCS = laboratory control sample
LCSD = laboratory control sample duplicate
mg/L = milligrams per liter
ND = not detected
RPD = relative percent difference

Table 5
Surrogate Evaluation
4Q25 Groundwater Monitoring Samples
Ameren Taylorville
Taylorville, Illinois

Lab Package	Sample ID	Method	Surrogate	Recovery (%)	Limit (%)	Affected Analyte	Dilution Factor	ERM Qualifier
25111223	GW-22S-WG-20251112	8270C	Nitrobenzene-d5	39.3	40.7-126	None for qualification, only one base surrogate out	1	--

Notes:
-- = not applicable; associated data not affected

Table 6
Field Duplicate Evaluation
4Q25 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					
25111223	GW-07-WG-20251111/ DUP-001-WG-20251111	Acenaphthene	0.000220	0.000106	0.000100	0.000100	mg/L	0.000114	--	0.0002000	--
		Acenaphthylene	0.000217	0.000107	0.000100	0.000100	mg/L	0.000110	--	0.000200	--
		Anthracene	0.00233	0.00119	0.000300	0.000300	mg/L	0.00114	--	0.000600	J
		Benzo(a)anthracene	0.000347	0.000201	0.000100	0.000100	mg/L	0.000146	--	0.000200	--
		Benzo(b)fluoranthene	0.00017	0.00014	0.00020	0.00020	mg/L	--	--	NA	--
		Bis(2-ethylhexyl)phthalate	0.00471	0.00580	0.00200	0.00400	mg/L	0.00109	--	0.00400	--
		Chrysene	0.000240	0.00014	0.000200	0.00020	mg/L	0.00010	--	0.00040	--
		Dibenzo(a,h)anthracene	0.000134	ND[1]	0.000100	0.000100	mg/L	0.000034	--	0.000200	--
		Fluoranthene	0.00110	0.000731	0.000300	0.000300	mg/L	0.000369	--	0.000600	--
		Fluorene	0.000487	0.000261	0.000200	0.000200	mg/L	0.000226	--	0.000400	--
		Pyrene	0.00392	0.00244	0.000200	0.000200	mg/L	--	47	30	J
	GW-04R-WG-20251113/ DUP-002-WG-20251113	Acenaphthene	0.0188	0.0210	0.0100	0.0100	mg/L	0.0022	--	0.0200	--
		Acenaphthylene	0.0117	0.0120	0.0100	0.0100	mg/L	0.0003	--	0.0200	--
		Anthracene	0.00403	0.00310	0.000300	0.000300	mg/L	--	26	30	--
		Benzo(a)anthracene	0.0074	0.0086	0.010	0.010	mg/L	--	--	NA	--
		Benzo(a)pyrene	0.00156	ND	0.000200	0.0200	mg/L	--	--	NA	--
		Benzo(b)fluoranthene	0.016	0.017	0.020	0.020	mg/L	--	--	NA	--
		Benzo(g,h,i)perylene	0.00305	0.00277	0.000200	0.000200	mg/L	--	9.6	30	--
		Benzo(k)fluoranthene	0.00293	0.00260	0.000200	0.000200	mg/L	--	12	30	--
		Chrysene	ND	0.013	0.0200	0.020	mg/L	--	--	NA	--
		Dibenzo(a,h)anthracene	0.00190	0.00169	0.000100	0.000100	mg/L	--	12	30	--
		Fluoranthene	ND	0.029	0.030	0.030	mg/L	--	--	NA	--
		Fluorene	0.0808	0.0892	0.0200	0.0200	mg/L	0.0084	--	0.0400	--
		Indeno(1,2,3-cd)pyrene	0.00366	0.00330	0.000200	0.000200	mg/L	--	10	30	--
		Naphthalene	0.040	0.0491	0.040	0.0400	mg/L	0.009	--	0.080	--
		Phenanthrene	0.118	0.132	0.0600	0.0600	mg/L	0.014	--	0.1200	--
		Pyrene	ND[1]	0.0210	0.0200	0.0200	mg/L	0.0010	--	0.0400	--
		Benzene	443	485	50.0	50.0	µg/L	--	9.1	30	--

Table 6
Field Duplicate Evaluation
4Q25 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					

Notes:
-- = not applicable; associated data not affected
AbD = absolute difference
J = estimated detected result
µg/L = micrograms per liter
mg/L = milligrams per liter
ND = not detected
ND[1] = the report limit was used for comparison purposes
RPD = relative percent difference

Table 7
Professional Judgement Evaluation
4Q25 Groundwater Monitoring Samples
Ameren Taylorville
Taylorville, Illinois

Lab Package	Sample ID	Method	Analyte	Reason	ERM Qualifier
25111223	DUP-002-WG-20251113	8260B 10x run analyzed on 11/15/2025 1:52	Bromoform Ethylbenzene m,p-Xylenes Methylene chloride Naphthalene o-Xylene Toluene trans-1,2-Dichloroethene Xylenes, Total	Suspected dilution factor error made at laboratory	R

Notes:
R = The data are unusable. The sample results are rejected due to serious deficiencies in meeting quality control criteria.