January 17, 2023

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

Dear Mr. Miller:

As required by Article IX (A) of the Consent Order (Case #93-3332), this is the Fourth Quarter, 2022 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 – 2022 Events

- Fourth quarter 2022 groundwater samples collected in November 2022 (results attached).
- Fourth quarter 2022 pump and treat system samples (results attached).

First Quarter – 2023 Plans

- Collect First quarter 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 1,337,344,092 gallons of groundwater through the system since startup until the end of December 2022. There has not been any migration of contamination off-site.

I certify under penalty of law that the specific Activity and Use Limitations identified in Paragraph 7 of the Uniform Environmental Covenant for the Ameren Taylorville MGP site remain in place. I am aware that any person who knowingly makes a false, fictitious, or fraudulent material statement to the Illinois EPA, either orally or in writing, commits a

Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony (415 ILCS 5/44(h) (8)).

Sincerely,

Dave Palmer, PG, PMP, EVMP
Manager, Remediation Projects
Ameren Services

Attachments

Attachments

Pumping Summary and Treatment Plant Results (October-December)

Monitoring Well Location Map

Year 2022 Quarter 4 Groundwater Sampling Results

MGP Pump & Treat System Summary
Taylorville, Illinois
October 2022

DATE	TOTALIZER READING	FLOW	EXTRACTION WELL	Water Level East	Water Level West
Oct-22	x100				
1	310,092,000	80,200	WEST	56	50
2	310,172,200	102,900	WEST	56	50
3	310,275,100	81,100	WEST	56	46
4	310,356,200	75,700	WEST	56	48
5	310,431,900	53,800	WEST	56	48
6	310,485,700	77,500	WEST	56	50
7	310,563,200	61,200	WEST	56	50
8	310,624,400	76,100	WEST	56	52
9	310,700,500	54,900	WEST	56	52
10	310,755,400	52,700	WEST	54	52
11	310,808,100	53,200	WEST	56	52
12	310,861,300	39,100	WEST	56	52
13	310,900,400	72,100	WEST	56	52
14	310,972,500	54,100	WEST	56	50
15	311,026,600	48,300	WEST	56	52
16	311,074,900	56,000	WEST	56	52
17	311,130,900	40,200	WEST	56	52
18	311,171,100	38,900	WEST	56	54
19	311,210,000	*	WEST	56	54
20	*	*	WEST	56	54
21	311,233,100	89,400	WEST	56	50
22	311,322,500	90,000	WEST	56	50
23	311,412,500	116,200	WEST	56	50
24	311,528,700	87,100	WEST	56	50
25	311,615,800	79,800	WEST	56	50
26	311,695,600	46,200	WEST	56	52
27	311,741,800	57,400	WEST	56	52
28	311,799,200	92,700	WEST	56	52
29	311,891,900	76,300	WEST	56	52
30	311,968,200	75,000	WEST	56	52
31	312,043,200	77,800	WEST	56	50
Nov-22	312,121,000				

Flow Data	**Gallons**
For Month	2,005,900
To Pond	0
Below Pond	2,074,500
Average	69,169
Maximum	116,200
Minimum	38,900
Total Through Sept	1,331,314,992
Total Through Oct	1,333,320,892

Maintenance Summary

Well Cleaning	None		
Vessel	**North**	**South**	
Carbon Change	None	None	
Cleaned Effluent Backwash Storage	None	None	
Back Washed Vessels	None	None	
Changed Bag Filters	**North**	**Middle**	**South**
	Inoperable	10/6/2022	10/6/2022
	Inoperable	10/13/2022	10/13/2022
	Inoperable	10/20/2022	10/20/2022
	Inoperable	10/27/2022	10/27/2022
Drum Disposal	None		

Notes * = Issue with totalizer , displaying no count. Issue fixed on 10/21/2022.
System shut off on 10/20/2022 to allow culvert to be constructed South of fence line
as part of Remedial Delineation Tree Clearing activities. System restarted 10/21/2022.

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
October 2022

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	10/5/2022		10/12/2022		10/19/2022		10/26/2022		Average	Maximum	
Lab pH		-	-	-	6.92		7.00		6.93		7.01		6.97	7.01	
Iron, Dissolved	mg/L	-	-	-	0.451		0.404		0.726		0.493		0.527	0.726	
Iron, Total	mg/L	-	-	-	2.25		2.51		2.06		2.31		2.27	2.51	
Acenaphthene	mg/L	-	-	0.42	0.0169		0.0216		0.0176		0.0151		0.0187	0.0216	
Acenaphthylene	mg/L	-	-	-	0.00630		0.00682		0.00780		0.00518		0.00697	0.00780	
Anthracene	mg/L	-	-	2.1	0.00329		0.00485		0.00334		0.00326		0.00383	0.00485	
Benzo(a)anthracene	mg/L	-	-	0.00013	**0.00015**		**0.001020**		**0.000196**		**0.000141**		**0.000455**	**0.001020**	
Benzo(a)pyrene	mg/L	-	-	0.00023	ND		0.000742		ND		ND		ND	ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		0.000597		ND		ND		0.000597	0.000597	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		0.000367		ND		ND		0.000367	0.000367	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		0.000217		ND		ND		0.000217	0.000217	
Chrysene	mg/L	-	-	-	0.000140		0.000905		0.000179		0.000144		0.000408	0.000905	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Fluoranthene	mg/L	-	-	0.28	0.00260		0.00474		0.00269		0.00280		0.00334	0.00474	
Fluorene	mg/L	-	-	-	0.00798		0.01020		0.00820		0.00717		0.00879	0.01020	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		0.00031		ND		ND		ND	ND	
m,p-Cresol	mg/L	-	-	0.35	0.00089	J	0.00100	J	ND		0.00110	J	0.00100	0.00110	J
o-Cresol	mg/L	-	-	0.35	0.0078	J	0.0059	J	0.0115		0.0087	J	0.0084	0.0115	
Phenanthrene	mg/L	-	-	-	0.0150		0.0212		0.0166		0.0148		0.0176	0.0212	
Pyrene	mg/L	-	-	-	0.00318		0.00623		0.00317		0.00350		0.00419	0.00623	
Total PNAs except Naphthalene	mg/L	-	-	-	0.0556		0.0797		0.0598		0.0548		0.0650	0.0797	
Benzene	µg/L	-	-	5	**261**		**285**		**223**		**236**		**256**	**285**	
Ethylbenzene	µg/L	-	-	700	49.8		54.4		43.4		57.4		49.2	54.4	
m,p-Xylenes	µg/L	-	-	-	42.1		47.7		45.1		45.5		45.0	47.7	
Naphthalene	µg/L	-	-	25	**282**	**B**	**395**	**B**	**340**		**332**		**339**	**395**	**B**
o-Xylene	µg/L	-	-	-	21.4		25.1		24.2		23.9		23.6	25.1	
Toluene	µg/L	-	-	1000	127		149		133		146		136	149	
Xylenes, Total	µg/L	-	-	10000	63.5		72.8		69.3		69.4		68.5	72.8	

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

Between Columns
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
October 2022

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	10/5/2022		10/12/2022		10/19/2022		10/26/2022		Average	Maximum	
Lab pH		-	-	-	6.91		7.00		6.94		6.91		6.94	7.00	
Iron, Dissolved	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Iron, Total	mg/L	-	-	-	0.0260	J	ND		0.0310	J	0.0481		0.0285	0.0310	J
Acenaphthene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Acenaphthylene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Benzo(a)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Benzo(a)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Chrysene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Fluorene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
m,p-Cresol	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
o-Cresol	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Phenanthrene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Total PNAs except Naphthalene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Benzene	µg/L	-	-	-	107		104		107		90.3		102	107	
Ethylbenzene	µg/L	-	-	-	ND		ND		ND		ND		ND	ND	
m,p-Xylenes	µg/L	-	-	-	1.9	J	1.1	J	1.0	J	0.7	J	1.3	1.9	J
Naphthalene	µg/L	-	-	-	0.5	J	1.0		1.1		1.1		0.9	1.1	
o-Xylene	µg/L	-	-	-	1.6	J	1.8	J	2.3		1.7	J	1.9	2.3	
Toluene	µg/L	-	-	-	0.2	J	0.1	J	1.1	J	0.2	J	0.5	1.1	J
Xylenes, Total	µg/L	-	-	-	3.5		2.9		3.3		2.4		3.2	3.5	

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

Effluent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
October 2022

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	10/5/2022		10/12/2022		10/19/2022	10/26/2022		Average	Maximum
Lab pH		-	-	-	6.92		7.01		6.99	7.01		6.98	7.01
Iron, Dissolved	mg/L	-	1	-	ND		ND		ND	ND		ND	ND
Iron, Total	mg/L	2	4	-	ND		ND		ND	ND	B	ND	ND
Acenaphthene	mg/L	-	0.0608	-	ND		ND		ND	ND		ND	ND
Acenaphthylene	mg/L	-	-	-	ND		ND		ND	ND		ND	ND
Anthracene	mg/L	-	0.0023	-	ND		ND		ND	ND		ND	ND
Benzo(a)anthracene	mg/L	-	0.001	-	ND		ND		ND	ND		ND	ND
Benzo(a)pyrene	mg/L	-	0.0005	-	ND		ND		ND	ND	R	ND	ND
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND	ND		ND	ND
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND	ND		ND	ND
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND	ND		ND	ND
Chrysene	mg/L	-	-	-	ND		ND		ND	ND		ND	ND
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND	ND		ND	ND
Fluoranthene	mg/L	0.053	0.398	-	ND		ND		ND	ND		ND	ND
Fluorene	mg/L	-	-	-	ND		ND		ND	ND		ND	ND
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND	ND		ND	ND
m,p-Cresol	mg/L	-	1.9	-	ND		ND		ND	ND		ND	ND
o-Cresol	mg/L	-	1.9	-	ND		ND		ND	ND		ND	ND
Phenanthrene	mg/L	-	0.01	-	ND		ND		ND	ND		ND	ND
Pyrene	mg/L	-	-	-	ND		ND		ND	ND		ND	ND
Total PNAs except Naphthalene	mg/L	-	-	-	ND		ND		ND	ND		ND	ND
Benzene	µg/L	-	50	-	ND	S	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	B	ND	ND		ND	ND
o-Xylene	µg/L	-	-	-	ND		ND		ND	ND		ND	ND
Toluene	µg/L	70	750	-	ND		ND		ND	ND		ND	ND
Xylenes, Total	µg/L	117	750	-	ND		ND		ND	ND		ND	ND

ND=Not detected above the project acceptable detection limit
J=Analyte detected below quantitation limits
B=Analyte found in the method blank
R=RPD outside acceptable recovery limits
S=Spike recovery outside recovery limits

Trip Blank
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
October 2022

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	10/5/2022	10/12/2022	10/19/2022	10/26/2022	Average	Maximum
Benzene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Ethylbenzene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
m,p-Xylenes	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Naphthalene	µg/L	-	-	-	ND B	0.4 BJ	ND	ND	0.4	0.4 BJ
o-Xylene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Toluene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Xylenes, Total	µg/L	-	-	-	ND	ND	ND	ND	ND	ND

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

MGP Pump & Treat System Summary
Taylorville, Illinois
November 2022

DATE	TOTALIZER READING	FLOW	EXTRACTION WELL	Water Level East	Water Level West
Nov-22	x100				
1	312,121,000	72,000	WEST	56	50
2	312,193,000	37,200	WEST	56	50
3	312,230,200	89,500	WEST	56	50
4	312,319,700	63,300	WEST	56	50
5	312,383,000	68,400	WEST	56	50
6	312,451,400	63,300	WEST	56	50
7	312,514,700	54,900	WEST	56	50
8	312,569,600	33,000	WEST	56	50
9	312,602,600	39,700	WEST	56	50
10	312,642,300	60,700	WEST	56	52
11	312,703,000	71,200	WEST	56	52
12	312,774,200	63,800	WEST	56	50
13	312,838,000	50,800	WEST	56	50
14	312,888,800	67,000	WEST	56	50
15	312,955,800	45,100	WEST	56	52
16	313,000,900	30,900	WEST	56	54
17	313,031,800	62,700	WEST	56	52
18	313,094,500	61,100	WEST	56	50
19	313,155,600	109,400	WEST	56	50
20	313,265,000	130,000	WEST	56	48
21	313,395,000	89,400	WEST	56	48
22	313,484,400	66,600	WEST	56	50
23	313,551,000	83,300	WEST	56	50
24	313,634,300	110,500	WEST	56	48
25	313,744,800	92,800	WEST	56	50
26	313,837,600	95,700	WEST	56	48
27	313,933,300	96,300	WEST	56	48
28	314,029,600	77,600	WEST	56	46
29	314,107,200	75,500	WEST	56	48
30	314,182,700	41,700	WEST	56	48
Dec-21	314,224,400			56	48

Flow Data	**Gallons**
For Month	2,103,400
To Pond	0
Below Pond	2,103,400
Average	70,113
Maximum	130,000
Minimum	30,900
Total Through Oct	1,333,320,892
Total Through Nov	1,335,424,292

Maintenance Summary

Well Cleaning	None		
Vessel	**North**	**South**	
Carbon Change	None	None	
Cleaned Effluent Backwash Storage	None	None	
Back Washed Vessels	11/22/2022	None	
Changed Bag Filters	**North**	**Middle**	**South**
	Inoperable	11/3/2022	11/3/2022
	Inoperable	11/10/2022	11/10/2022
	Inoperable	11/17/2022	11/17/2022
	Inoperable	11/23/2022	11/23/2022
Drum Disposal	None		

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
November 2022

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	11/2/2022		11/9/2022		11/16/2022		11/22/2022		11/30/2022		Average	Maximum	
Lab pH		-	-	-	7.00		6.88		6.83		6.84		6.85		6.88	7.00	
Iron, Dissolved	mg/L	-	-	-	0.040		0.122		0.515		1.320		0.052		0.410	0.515	
Iron, Total	mg/L	-	-	-	2.16		2.14		2.45		2.33		2.34		2.28	2.45	
Acenaphthene	mg/L	-	-	0.42	0.0191		0.0163		0.0187		0.0169		0.0178		0.0178	0.0191	
Acenaphthylene	mg/L	-	-	-	0.00782		0.00602		0.00725		0.00756		0.00668		0.00707	0.00782	
Anthracene	mg/L	-	-	2.1	0.00386		0.00315		0.00354		0.00370		0.00329		0.00351	0.00386	
Benzo(a)anthracene	mg/L	-	-	0.00013	**0.000249**		**0.000151**		**0.000180**		**0.000149**		**0.000176**		**0.000181**	**0.000249**	
Benzo(a)pyrene	mg/L	-	-	0.00023	ND		ND		ND		ND		ND		ND	ND	
Benzo(b)fluoranthene	mg/L	-	-	-	0.000072		ND		ND		ND		ND		0.000072	0.000072	
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	-	-	-	0.000218		0.000130		0.000148		0.000129		0.000158		0.000157	0.000218	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Fluoranthene	mg/L	-	-	0.28	0.00339		0.00250		0.00270		0.00284		0.00281		0.00278	0.00339	
Fluorene	mg/L	-	-	-	0.00992		0.00770		0.0113		0.0081		0.0083		0.00908	0.01130	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
m,p-Cresol	mg/L	-	-	0.35	0.0017	J	0.00100	J	0.00200	J	0.00130	J	0.00110	J	0.00140	0.00200	J
o-Cresol	mg/L	-	-	0.35	0.0144		0.0108		0.0215		0.0075	J	0.0079	J	0.0128	0.0215	
Phenanthrene	mg/L	-	-	-	0.0205		0.0162		0.0184		0.0187		0.0191		0.0183	0.0205	
Pyrene	mg/L	-	-	-	0.00401		0.00312		0.00368		0.00331		0.00336		0.00346	0.00401	
Total PNAs except Naphthalene	mg/L	-	-	-	0.0691		0.0583		0.0659		0.0614		0.0560		0.0614	0.0691	
Benzene	µg/L	-	-	5	**208**		**253**		**227**		**245**		**221**		**232**	**253**	
Ethylbenzene	µg/L	-	-	700	49.8		47.7		45.9		47.4		52.8		48.8	52.8	
m,p-Xylenes	µg/L	-	-	-	44.6		46.6		43.0		38.8		45.0		44.1	46.6	
Naphthalene	µg/L	-	-	25	**361**		**302**	B	**293**		**310**		**319**		**312**	**361**	
o-Xylene	µg/L	-	-	-	22.9		24.8		23.6		20.4		23.0		23.3	24.8	
Toluene	µg/L	-	-	1000	133		128		127		146		128		131	146	
Xylenes, Total	µg/L	-	-	10000	67.5		71.4		66.6		59.2		68.0		67.3	71.4	

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

Between Columns
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
November 2022

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	11/2/2022	11/9/2022	11/16/2022	11/22/2022	11/30/2022	Average	Maximum
Lab pH		-	-	-	6.77	6.91	6.89	6.90	6.86	6.87	6.91
Iron, Dissolved	mg/L	-	-	-	ND	ND	0.0468	0.0430	ND	0.0455	0.0468
Iron, Total	mg/L	-	-	-	0.0786	0.0280 J	0.0556	0.1420	0.0658	0.0649	0.1420
Acenaphthene	mg/L	-	-	-	0.000558	0.000402	0.000338	0.000129	0.000276	0.000341	0.000558
Acenaphthylene	mg/L	-	-	-	0.000182	0.000116	0.000090 J	ND	0.000093 J	0.000120	0.000182
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	-	-	-	142	144	142	101	107	129	144
Ethylbenzene	µg/L	-	-	-	ND	ND	ND	ND	0.1 J	0.1	0.1 J
m,p-Xylenes	µg/L	-	-	-	3.8	3.1	2.5	0.8 J	1.4 J	2.3	3.8
Naphthalene	µg/L	-	-	-	15.1	13.0	10.0	3.8	6.8	9.8	15.1
o-Xylene	µg/L	-	-	-	6.6	6.2	6.1	2.1	3.3	5.0	6.6
Toluene	µg/L	-	-	-	0.3 J	0.2 J	0.2 J	0.7 J	0.7 J	0.4	0.7 J
Xylenes, Total	µg/L	-	-	-	10.4	9.3	8.6	2.9	4.7	7.3	10.4

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

Effluent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
November 2022

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	11/2/2022	11/9/2022	11/16/2022	11/22/2022	11/30/2022	Average	Maximum
Lab pH		-	-	-	6.85	6.95	6.96	6.91	6.89	6.92	6.96
Iron, Dissolved	mg/L	-	1	-	ND	ND	ND	ND	ND	ND	ND
Iron, Total	mg/L	2	4	-	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	mg/L	-	0.0608	-	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Anthracene	mg/L	-	0.0023	-	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	mg/L	-	0.001	-	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	mg/L	-	0.0005	-	ND	ND	ND S	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 S	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Chrysene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	mg/L	0.053	0.398	-	ND	ND	ND	ND	ND	ND	ND
Fluorene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
m,p-Cresol	mg/L	-	1.9	-	ND	ND	ND	ND	ND	ND	ND
o-Cresol	mg/L	-	1.9	-	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	mg/L	-	0.01	-	ND	ND	ND	ND	ND	ND	ND
Pyrene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Total PNAs except Naphthalene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Benzene	µg/L	-	50	-	ND	ND	ND	ND	ND	ND	0.0
Ethylbenzene	µg/L	17	216	-	ND	ND	ND	ND	ND	ND	0.0
m,p-Xylenes	µg/L	-	-	-	ND	ND	ND	ND	ND	ND	0.0
Naphthalene	µg/L	-	670	-	ND	0.5 J	0.4 J	0.9	ND	0.6	0.9
o-Xylene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND	0.0
Toluene	µg/L	70	750	-	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	µg/L	117	750	-	ND	ND	ND	ND	ND	ND	0.0

ND=Not detected above the project acceptable detection limit
J=Analyte detected below quantitation limits
S=Spike recovery outside recovery limits

Trip Blank
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
November 2022

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	11/2/2022	11/9/2022	11/16/2022	11/22/2022	11/30/22	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	0.6 J	ND	0.6	0.6 J
o-Xylene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Toluene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	µg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND

ND=Not detected above the project acceptable detection limit

MGP Pump & Treat System Summary
Taylorville, Illinois
December 2022

DATE	TOTALIZER READING	FLOW	EXTRACTION WELL	Water Level East	Water Level West
Dec-21	x100				
1	314,224,400	82,300	WEST	50	48
2	314,306,700	97,700	WEST	50	50
3	314,404,400	79,600	WEST	54	50
4	314,484,000	84,600	WEST	50	50
5	314,568,600	78,000	WEST	50	50
6	314,646,600	55,500	WEST	50	50
7	314,702,100	45,000	WEST	50	50
8	314,747,100	87,200	WEST	54	50
9	314,834,300	65,100	WEST	54	48
10	314,899,400	70,200	WEST	54	50
11	314,969,600	76,500	WEST	54	50
12	315,046,100	59,400	WEST	52	52
13	315,105,500	53,700	WEST	54	52
14	315,159,200	31,000	WEST	54	52
15	315,190,200	84,400	WEST	54	52
16	315,274,600	49,000	WEST	54	50
17	315,323,600	65,700	WEST	54	50
18	315,389,300	66,500	WEST	54	52
19	315,455,800	55,500	WEST	54	52
20	315,511,300	49,800	WEST	54	52
21	315,561,100	26,700	WEST	54	52
22	315,587,800	63,200	WEST	54	52
23	315,651,000	70,500	WEST	54	52
24	315,721,500	54,300	WEST	54	52
25	315,775,800	57,100	WEST	54	52
26	315,832,900	49,400	WEST	54	52
27	315,882,300	43,600	WEST	54	52
28	315,925,900	23,300	WEST	54	52
29	315,949,200	68,100	WEST	54	52
30	316,017,300	68,100	WEST	54	50
31	316,085,400	58,800	WEST	54	50
Jan-22	316,144,200				

Flow Data	Gallons
For Month	1,919,800
To Pond	0
Below Pond	1,919,800
Average	61,929
Maximum	97,700
Minimum	23,300
Total Through Nov	1,335,424,292
Total Through Dec	1,337,344,092

Maintenance Summary

Well Cleaning	None		
Vessel	**North**	**South**	
Carbon Change	None	None	
Cleaned Effluent Backwash Storage	None	None	
Back Washed Vessels	No		
Changed Bag Filters	**North**	**Middle**	**South**
	Inoperable	12/1/2022	12/1/2022
	Inoperable	12/8/2022	12/8/2022
	Inoperable	12/15/2022	12/15/2022
	Inoperable	12/22/2022	12/22/2022
	Inoperable	12/29/2022	12/29/2022
Drum Disposal	None		

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
December 2022

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	12/7/2022		12/14/2022		12/21/2022		12/28/2022		Average	Maximum	
Lab pH		-	-	-	6.93		6.89		6.84		6.77		6.86	6.93	
Iron, Dissolved	mg/L	-	-	-	0.573		0.370		0.879		1.22		0.761	1.22	
Iron, Total	mg/L	-	-	-	2.78		2.38		1.97		2.03		2.29	2.78	
Acenaphthene	mg/L	-	-	0.42	0.0210		0.0161		0.0132		0.0153		0.0164	0.0210	
Acenaphthylene	mg/L	-	-	-	0.00736		0.00379		0.00534		0.00633		0.00571	0.00736	
Anthracene	mg/L	-	-	2.1	0.00345		0.00320		0.00248		0.00300		0.00303	0.00345	
Benzo(a)anthracene	mg/L	-	-	0.00013	**0.000144**		**0.000136**		**0.000127**		**0.000147**		0.000139	**0.000147**	
Benzo(a)pyrene	mg/L	-	-	0.00023	ND		ND		ND		ND		ND	ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Chrysene	mg/L	-	-	-	0.000124		0.000112		0.000119	B	0.000124		0.000120	0.000124	B
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Fluoranthene	mg/L	-	-	0.28	0.00274		0.00241		0.00201		0.00224		0.00235	0.00274	
Fluorene	mg/L	-	-	-	0.00872		0.00840		0.00658		0.00763		0.00783	0.00872	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
m,p-Cresol	mg/L	-	-	0.35	0.00120	J	0.00190	J	0.00081	J	0.00170	J	0.00140	0.00190	J
o-Cresol	mg/L	-	-	0.35	0.0070	J	0.0155		0.0056	J	0.0158		0.0110	0.0158	
Phenanthrene	mg/L	-	-	-	0.0189		0.0145		0.0137		0.0158		0.0157	0.0189	
Pyrene	mg/L	-	-	-	0.00324		0.00251		0.00210		0.00259		0.00261	0.0032	
Total PNAs except Naphthalene	mg/L	-	-	-	0.0608		0.0473		0.0457		0.0531		0.0517	0.0608	
Benzene	µg/L	-	-	5	**211**		**207**		**236**		**233**		222	**236**	
Ethylbenzene	µg/L	-	-	700	51.8		46.6		50.9		47.3		49.2	51.8	
m,p-Xylenes	µg/L	-	-	-	44.4		40.7		43.3		44.0		43.1	44.4	
Naphthalene	µg/L	-	-	25	**333**		**325**		**275**		**277**		303	**333**	
o-Xylene	µg/L	-	-	-	23.4		20.9		22.8		23.4		22.6	23.4	
Toluene	µg/L	-	-	1000	134		115		131		130		128	134	
Xylenes, Total	µg/L	-	-	10000	67.8		61.6		66.1		67.4		65.7	67.8	

J = Estimated concentration
BOLD text indicates exceedance of the groundwater quality standarc
B = Analyte present in method blank

Between Columns
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
December 2022

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	12/7/2022		12/14/2022		12/21/2022		12/28/2022		Average	Maximum	
Lab pH		-	-	-	6.93		6.92		6.87		6.80		6.88	6.93	
Iron, Dissolved	mg/L	-	-	-	ND		ND		0.0670		0.0811		0.0741	0.0811	
Iron, Total	mg/L	-	-	-	0.0370	J	0.0540		0.0714		0.1400		0.0756	0.1400	
Acenaphthene	mg/L	-	-	-	0.000328		0.00152		0.00160		0.00115		0.00115	0.00160	
Acenaphthylene	mg/L	-	-	-	0.000104		0.000520		0.000600		0.000399		0.000406	0.000600	
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	B	ND		ND	ND	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Fluoranthene	mg/L	-	-	-	ND		0.000374		ND		ND		ND	ND	
Fluorene	mg/L	-	-	-	ND		ND		0.000415		0.000231		0.000323	0.000415	
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		0.00058	J	ND		0.00058	0.00058	J
Pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Total PNAs except Naphthalene	mg/L	-	-	-	ND		0.00242		0.00320		0.00180	J	0.00247	0.00320	
Benzene	µg/L	-	-	-	113		158		172		175		155	175	
Ethylbenzene	µg/L	-	-	-	ND		0.1	J	ND		ND		0.1	0.1	J
m,p-Xylenes	µg/L	-	-	-	1.2	J	4.7		4.5		3.6		3.5	4.7	
Naphthalene	µg/L	-	-	-	7.3		38.4		33.0		30.1		27.2	38.4	
o-Xylene	µg/L	-	-	-	3.7		7.9		7.9		8.0		6.9	8.0	
Toluene	µg/L	-	-	-	0.1	J	0.5	J	0.3	J	0.2	J	0.3	0.5	J
Xylenes, Total	µg/L	-	-	-	5		12.6		12.4		11.6		10.4	12.6	

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

Effluent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
December 2022

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	12/7/2022		12/14/2022	12/21/2022		12/28/2022	Average	Maximum	
Lab pH		-	-	-	7.03		6.91	6.83		6.85	6.91	7.03	
Iron, Dissolved	mg/L	-	1	-	0.025	J	ND	ND		ND	0.025	0.025	J
Iron, Total	mg/L	2	4	-	ND		ND	ND		ND	ND	ND	
Acenaphthene	mg/L	-	0.0608	-	ND		ND	ND		ND	ND	ND	
Acenaphthylene	mg/L	-	-	-	ND		ND	ND		ND	ND	ND	
Anthracene	mg/L	-	0.0023	-	ND		ND	ND		ND	ND	ND	
Benzo(a)anthracene	mg/L	-	0.001	-	ND		ND	ND		ND	ND	ND	
Benzo(a)pyrene	mg/L	-	0.0005	-	ND		ND	ND		ND	ND	ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND	ND		ND	ND	ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND	ND		ND	ND	ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND	ND		ND	ND	ND	
Chrysene	mg/L	-	-	-	ND		ND	ND	B	ND	ND	ND	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND	ND		ND	ND	ND	
Fluoranthene	mg/L	0.053	0.398	-	ND		ND	ND		ND	ND	ND	
Fluorene	mg/L	-	-	-	ND		ND	ND		ND	ND	ND	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND	ND		ND	ND	ND	
m,p-Cresol	mg/L	-	1.9	-	ND		ND	ND		ND	ND	ND	
o-Cresol	mg/L	-	1.9	-	ND		ND	ND		ND	ND	ND	
Phenanthrene	mg/L	-	0.01	-	ND		ND	ND		ND	ND	ND	
Pyrene	mg/L	-	-	-	ND		ND	ND		ND	ND	ND	
Total PNAs except Naphthalene	mg/L	-	-	-	ND		ND	ND		ND	ND	ND	
Benzene	µg/L	-	50	-	ND		ND	ND		ND	ND	ND	
Ethylbenzene	µg/L	17	216	-	ND		ND	ND		ND	ND	ND	
m,p-Xylenes	µg/L	-	-	-	ND		ND	ND		ND	ND	ND	
Naphthalene	µg/L	-	670	-	0.6		1.0	0.8		ND	ND	ND	
o-Xylene	µg/L	-	-	-	ND		ND	ND		ND	ND	ND	
Toluene	µg/L	70	750	-	ND	S	ND	ND		ND	ND	ND	
Xylenes, Total	µg/L	117	750	-	ND		ND	ND		ND	ND	ND	

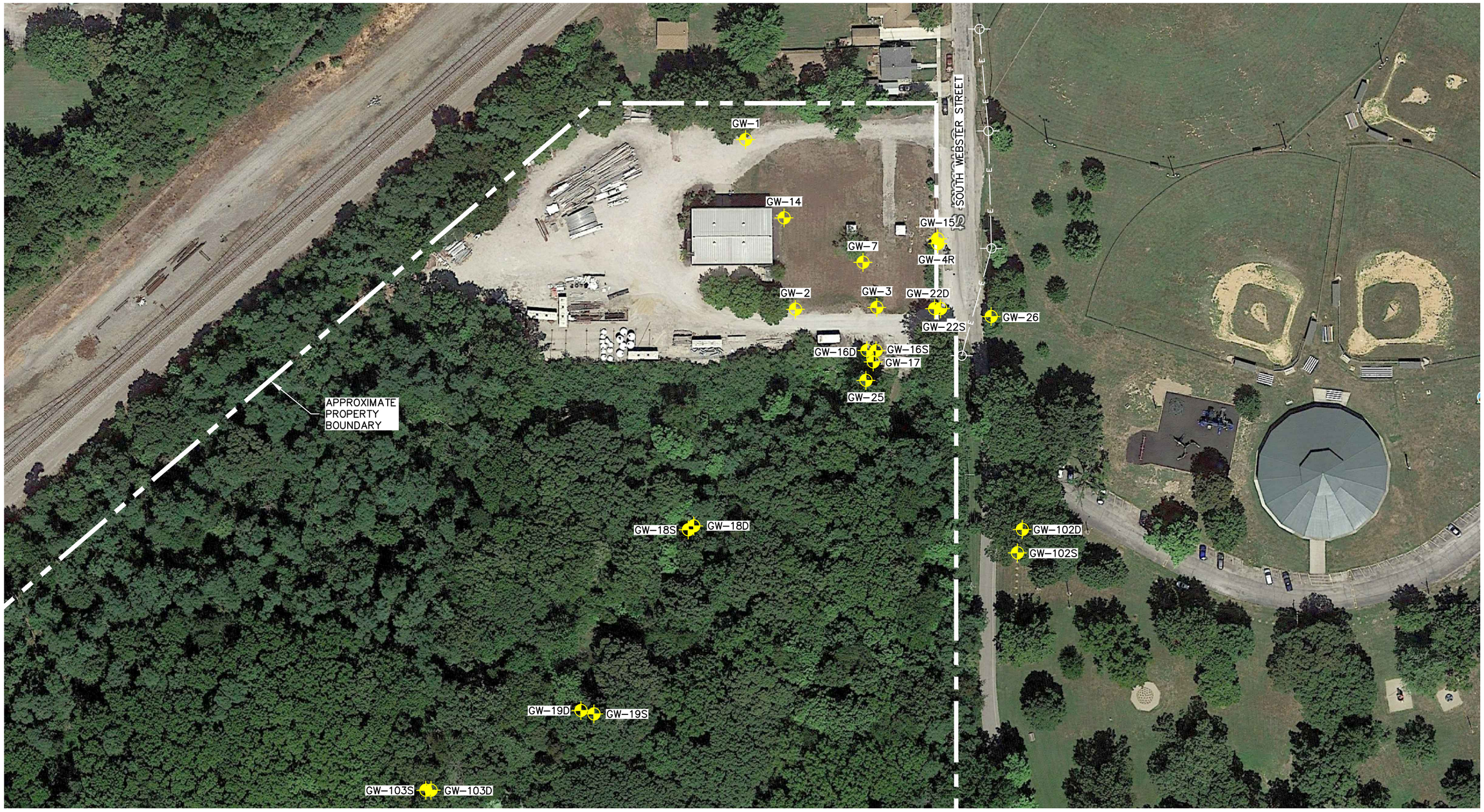
NA=Not analyzed
ND=Not detected above the project acceptable detection limit
*=Results not available
NS=Not sampled - system was offline for repairs 8/24/21 - 9/11/21.
J=Analyte detected below quantitation limits
B=Analyte found in the method blank at a concentration
E=Value above quantitation range
R=RPD outside acceptable recovery limits
S=Spike recovery outside recovery limits
H= Holding times exceeded

Trip Blank
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
December 2022

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	12/7/2022	12/14/2022	12/22/2022	12/28/2022	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	-	-	-	ND	ND	ND	ND	ND	ND
Xylenes, Total	µg/L	-	-	-	ND	ND	ND	ND	ND	ND

ND=Not detected above the project acceptable detection limit
B = Analyte present in method blank
J = Estimated concentration

MONITORING WELL LOCATION MAP



LEGEND

- MONITORING WELL
- POWER POLES
- OVERHEAD POWER LINES

N

0 100 200

SCALE (IN FEET)

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

ERM®

FORMER CIPS MGP SITE

917 SOUTH WEBSTER STREET
TAYLORVILLE, ILLINOIS

Environmental Resources Management

CHK'D	BC
	0496580
	FIGURE 1

Q:\Team\DMM\Clnt-D\AMEREN SERVICES\0496580\0496580-01.dwg, MW LOCATION MAP, 1/26/2021 11:18:43 AM, FAK - Holland, Mi.

ERM

1701 Golf Road
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www.erm.com

21 December 2022

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

Subject: Year 2022 Quarter 4 Groundwater Sampling Results
Former MGP Site – Taylorville, Illinois
ERM Project No. 0638675

Dear Dave:

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

The analytical results from the fourth quarter of groundwater sampling, provided by Teklab, Inc. are presented in Attachment A. A summary of the data from 2015 to the present for each monitoring well is presented in Attachment B. The data for the current quarter is generally consistent with what has been observed during past events, in that the highest level of impacts exceeding applicable Remediation Objectives (ROs) as defined by the Illinois Environmental Protection Agency (IEPA) are noted primarily at monitoring well GW-04R. At this location, the naphthalene and benzene concentrations are similar to what has been observed historically. Both of these parameters have concentrations exceeding their applicable ROs. Wells on the downgradient perimeter of the site did not have any exceedances of ROs of the primary constituents of concern (COC), which includes monitoring wells GW-16S, GW-16D, GW-17, GW-22S, GW-22D, GW-25, and GW-26.

Consistent with previous sampling events, polynuclear aromatic hydrocarbons (PAHs) including benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, and indeno(1,2,3-cd)pyrene were detected at concentrations exceeding the applicable ROs at GW-20. However, volatile organic compounds (VOCs) were not detected at this location above laboratory reporting limits during this sampling event. VOCs would be expected to be consistently present in samples from GW-20 if the PAHs detected were related to the former MGP site, however VOCs have not historically been observed at this location.

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

Sincerely,

Matt Halley, CHMM
Senior Consultant

ATTACHMENT A – ANALYTICAL RESULTS: NOVEMBER 2022

December 08, 2022

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

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

RE: Ameren Taylorville 4th Qtr 2022 **WorkOrder:** 22111766

Dear Matt Halley:

TEKLAB, INC received 26 samples on 11/30/2022 2:30:00 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

Report Contents

http://www.teklabinc.com/

Client: ERM

Work Order: 22111766

Client Project: Ameren Taylorville 4th Qtr 2022

Report Date: 08-Dec-22

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Client: ERM **Work Order:** 22111766

Client Project: Ameren Taylorville 4th Qtr 2022 **Report Date:** 08-Dec-22

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)

Qualifiers

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

Case Narrative

http://www.teklabinc.com/

Client: ERM

Work Order: 22111766

Client Project: Ameren Taylorville 4th Qtr 2022

Report Date: 08-Dec-22

Cooler Receipt Temp: 3.2 °C

Locations

Collinsville

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

Springfield

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

Kansas City

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

Collinsville Air

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

Chicago

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

Accreditations

Client: ERM

Work Order: 22111766

Client Project: Ameren Taylorville 4th Qtr 2022

Report Date: 08-Dec-22

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2023	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2023	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2023	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2023	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2023	Collinsville
Arkansas	ADEQ	88-0966		3/14/2023	Collinsville
Illinois	IDPH	17584		5/31/2023	Collinsville
Iowa	IDNR	430		6/1/2024	Collinsville
Kentucky	UST	0073		1/31/2023	Collinsville
Missouri	MDNR	00930		5/31/2023	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 22111766
Client Project: Ameren Taylorville 4th Qtr 2022
Report Date: 08-Dec-22
Lab ID: 22111766-001
Client Sample ID: GW-01
Matrix: GROUNDWATER
Collection Date: 11/29/2022 16:05

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/02/2022 18:32	200640
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/02/2022 18:32	200640
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	12/02/2022 18:32	200640
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/02/2022 18:32	200640
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	12/02/2022 18:32	200640
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/02/2022 18:32	200640
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	12/02/2022 18:32	200640
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/02/2022 18:32	200640
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	12/02/2022 18:32	200640
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/02/2022 18:32	200640
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	12/02/2022 18:32	200640
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	12/02/2022 18:32	200640
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	12/02/2022 18:32	200640
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	12/02/2022 18:32	200640
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	12/02/2022 18:32	200640
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	12/02/2022 18:32	200640
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	12/02/2022 18:32	200640
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	12/02/2022 18:32	200640
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	12/02/2022 18:32	200640
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	12/02/2022 18:32	200640
Surr: 2,4,6-Tribromophenol	*	0	10-179		**94.3**	%REC	1	12/02/2022 18:32	200640
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**76.5**	%REC	1	12/02/2022 18:32	200640
Surr: 2-Fluorophenol	*	0	10-157		**69.6**	%REC	1	12/02/2022 18:32	200640
Surr: Nitrobenzene-d5	*	0	15-163		**71.2**	%REC	1	12/02/2022 18:32	200640
Surr: Phenol-d5	*	0	10-162		**65.4**	%REC	1	12/02/2022 18:32	200640
Surr: p-Terphenyl-d14	*	0	10-173		**115.9**	%REC	1	12/02/2022 18:32	200640
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	12/01/2022 13:25	200616
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	12/01/2022 13:25	200616
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	12/01/2022 13:25	200616
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	12/01/2022 13:25	200616
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	12/01/2022 13:25	200616
Naphthalene	NELAP	0.32	2.0	J	**0.48**	µg/L	1	12/01/2022 13:25	200616
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	12/01/2022 13:25	200616
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	12/01/2022 13:25	200616
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	12/01/2022 13:25	200616
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	12/01/2022 13:25	200616
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**96.3**	%REC	1	12/01/2022 13:25	200616
Surr: 4-Bromofluorobenzene	*	0	80-120		**101.2**	%REC	1	12/01/2022 13:25	200616
Surr: Dibromofluoromethane	*	0	80-120		**103.2**	%REC	1	12/01/2022 13:25	200616
Surr: Toluene-d8	*	0	80-120		**93.1**	%REC	1	12/01/2022 13:25	200616

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 22111766
Client Project: Ameren Taylorville 4th Qtr 2022
Report Date: 08-Dec-22
Lab ID: 22111766-002
Client Sample ID: GW-02
Matrix: GROUNDWATER
Collection Date: 11/30/2022 11:15

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	12/06/2022 20:55	200712
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/06/2022 20:55	200712
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	12/06/2022 20:55	200712
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/06/2022 20:55	200712
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	12/06/2022 20:55	200712
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/06/2022 20:55	200712
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	12/06/2022 20:55	200712
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/06/2022 20:55	200712
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	12/06/2022 20:55	200712
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/06/2022 20:55	200712
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	12/06/2022 20:55	200712
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	12/06/2022 20:55	200712
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	12/06/2022 20:55	200712
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	12/06/2022 20:55	200712
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	12/06/2022 20:55	200712
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	12/06/2022 20:55	200712
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	12/06/2022 20:55	200712
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	12/06/2022 20:55	200712
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	12/06/2022 20:55	200712
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	12/06/2022 20:55	200712
Surr: 2,4,6-Tribromophenol	*	0	10-179		**90.7**	%REC	1	12/06/2022 20:55	200712
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**69.3**	%REC	1	12/06/2022 20:55	200712
Surr: 2-Fluorophenol	*	0	10-157		**67.6**	%REC	1	12/06/2022 20:55	200712
Surr: Nitrobenzene-d5	*	0	15-163		**64.3**	%REC	1	12/06/2022 20:55	200712
Surr: Phenol-d5	*	0	10-162		**56.3**	%REC	1	12/06/2022 20:55	200712
Surr: p-Terphenyl-d14	*	0	10-173		**104.2**	%REC	1	12/06/2022 20:55	200712
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	12/01/2022 13:49	200616
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	12/01/2022 13:49	200616
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	12/01/2022 13:49	200616
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	12/01/2022 13:49	200616
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	12/01/2022 13:49	200616
Naphthalene	NELAP	0.32	2.0	J	**0.47**	µg/L	1	12/01/2022 13:49	200616
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	12/01/2022 13:49	200616
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	12/01/2022 13:49	200616
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	12/01/2022 13:49	200616
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	12/01/2022 13:49	200616
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**95.0**	%REC	1	12/01/2022 13:49	200616
Surr: 4-Bromofluorobenzene	*	0	80-120		**101.5**	%REC	1	12/01/2022 13:49	200616
Surr: Dibromofluoromethane	*	0	80-120		**102.9**	%REC	1	12/01/2022 13:49	200616
Surr: Toluene-d8	*	0	80-120		**93.8**	%REC	1	12/01/2022 13:49	200616

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 22111766
Client Project: Ameren Taylorville 4th Qtr 2022
Report Date: 08-Dec-22
Lab ID: 22111766-003
Client Sample ID: GW-03
Matrix: GROUNDWATER
Collection Date: 11/30/2022 10:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**0.000207**	mg/L	1	12/06/2022 21:34	200712
Acenaphthylene	NELAP	).000050	0.000100		**0.000930**	mg/L	1	12/06/2022 21:34	200712
Anthracene	NELAP	).000200	0.000300	S	**ND**	mg/L	1	12/06/2022 21:34	200712
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/06/2022 21:34	200712
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	12/06/2022 21:34	200712
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/06/2022 21:34	200712
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	12/06/2022 21:34	200712
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/06/2022 21:34	200712
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200	S	**ND**	mg/L	1	12/06/2022 21:34	200712
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/06/2022 21:34	200712
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	12/06/2022 21:34	200712
Di-n-butyl phthalate	NELAP	).000830	0.0100	S	**ND**	mg/L	1	12/06/2022 21:34	200712
Fluoranthene	NELAP	).000270	0.000300	S	**ND**	mg/L	1	12/06/2022 21:34	200712
Fluorene	NELAP	).000170	0.000200		**0.000851**	mg/L	1	12/06/2022 21:34	200712
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200	S	**ND**	mg/L	1	12/06/2022 21:34	200712
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	12/06/2022 21:34	200712
Naphthalene	NELAP	0.00340	0.00400	S	**0.0112**	mg/L	10	12/07/2022 14:18	200712
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	12/06/2022 21:34	200712
Phenanthrene	NELAP	).000530	0.000600	S	**ND**	mg/L	1	12/06/2022 21:34	200712
Pyrene	NELAP	).000180	0.000200	S	**ND**	mg/L	1	12/06/2022 21:34	200712
Surr: 2,4,6-Tribromophenol	*	0	10-179		**104.3**	%REC	1	12/06/2022 21:34	200712
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**87.4**	%REC	1	12/06/2022 21:34	200712
Surr: 2-Fluorophenol	*	0	10-157		**78.6**	%REC	1	12/06/2022 21:34	200712
Surr: Nitrobenzene-d5	*	0	15-163		**76.6**	%REC	1	12/06/2022 21:34	200712
Surr: Phenol-d5	*	0	10-162		**69.9**	%REC	1	12/06/2022 21:34	200712
Surr: p-Terphenyl-d14	*	0	10-173		**117.7**	%REC	1	12/06/2022 21:34	200712

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

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50	S	**2.46**	µg/L	1	12/02/2022 13:44	200738
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	12/02/2022 13:44	200738
Ethylbenzene	NELAP	0.10	1.0	JS	**0.40**	µg/L	1	12/02/2022 13:44	200738
m,p-Xylenes	NELAP	0.18	1.0	JS	**0.32**	µg/L	1	12/02/2022 13:44	200738
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	12/02/2022 13:44	200738
Naphthalene	NELAP	0.32	2.00		**13.3**	µg/L	1	12/02/2022 13:44	200738
o-Xylene	NELAP	0.05	1.00	S	**1.51**	µg/L	1	12/02/2022 13:44	200738
Toluene	NELAP	0.10	2.0	JS	**0.14**	µg/L	1	12/02/2022 13:44	200738
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	12/02/2022 13:44	200738
Xylenes, Total	NELAP	0.28	2.0	JS	**1.8**	µg/L	1	12/02/2022 13:44	200738
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**94.8**	%REC	1	12/02/2022 13:44	200738
Surr: 4-Bromofluorobenzene	*	0	80-120		**101.9**	%REC	1	12/02/2022 13:44	200738
Surr: Dibromofluoromethane	*	0	80-120		**101.8**	%REC	1	12/02/2022 13:44	200738
Surr: Toluene-d8	*	0	80-120		**91.6**	%REC	1	12/02/2022 13:44	200738

Matrix spike did not recover within control limits due to matrix interference.
Insufficient sample for re-analysis.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 22111766
Client Project: Ameren Taylorville 4th Qtr 2022
Report Date: 08-Dec-22
Lab ID: 22111766-004
Client Sample ID: GW-04R
Matrix: GROUNDWATER
Collection Date: 11/30/2022 9:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**0.00135**	mg/L	1	12/07/2022 6:48	200712
Acenaphthylene	NELAP	).000050	0.000100		**0.00447**	mg/L	1	12/07/2022 6:48	200712
Anthracene	NELAP	).000200	0.000300		**0.00241**	mg/L	1	12/07/2022 6:48	200712
Benzo(a)anthracene	NELAP	).000070	0.000100		**0.00194**	mg/L	1	12/07/2022 6:48	200712
Benzo(a)pyrene	NELAP	0.00011	0.00020	J	**0.00017**	mg/L	1	12/07/2022 6:48	200712
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**0.00252**	mg/L	1	12/07/2022 6:48	200712
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**0.000544**	mg/L	1	12/07/2022 6:48	200712
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**0.000697**	mg/L	1	12/07/2022 6:48	200712
Bis(2-ethylhexyl)phthalate	NELAP	0.0014	0.0020	J	**0.0020**	mg/L	1	12/07/2022 6:48	200712
Chrysene	NELAP	).000500	0.00100		**0.00674**	mg/L	10	12/08/2022 9:44	200712
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**0.000256**	mg/L	1	12/07/2022 6:48	200712
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	12/07/2022 6:48	200712
Fluoranthene	NELAP	0.00270	0.00300		**0.0210**	mg/L	10	12/08/2022 9:44	200712
Fluorene	NELAP	0.0170	0.0200		**0.0841**	mg/L	100	12/07/2022 16:17	200712
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**0.000588**	mg/L	1	12/07/2022 6:48	200712
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	12/07/2022 6:48	200712
Naphthalene	NELAP	0.340	0.400		**1.50**	mg/L	1000	12/07/2022 16:56	200712
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	12/07/2022 6:48	200712
Phenanthrene	NELAP	0.0530	0.0600		**0.142**	mg/L	100	12/07/2022 16:17	200712
Pyrene	NELAP	0.00180	0.00200		**0.0124**	mg/L	10	12/08/2022 9:44	200712
Surr: 2,4,6-Tribromophenol	*	0	10-179		**100.4**	%REC	1	12/07/2022 6:48	200712
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**136.9**	%REC	1	12/07/2022 6:48	200712
Surr: 2-Fluorophenol	*	0	10-157		**65.4**	%REC	1	12/07/2022 6:48	200712
Surr: Nitrobenzene-d5	*	0	15-163		**126.8**	%REC	1	12/07/2022 6:48	200712
Surr: Phenol-d5	*	0	10-162		**56.8**	%REC	1	12/07/2022 6:48	200712
Surr: p-Terphenyl-d14	*	0	10-173		**93.8**	%REC	1	12/07/2022 6:48	200712
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.50	5.00		**895**	µg/L	10	12/01/2022 15:27	200616
Bromoform	NELAP	0.91	2.00		**ND**	µg/L	10	12/01/2022 15:27	200616
Ethylbenzene	NELAP	1.00	10.0		**304**	µg/L	10	12/01/2022 15:27	200616
m,p-Xylenes	NELAP	1.80	10.0		**56.6**	µg/L	10	12/01/2022 15:27	200616
Methylene chloride	NELAP	8.70	20.0		**ND**	µg/L	10	12/01/2022 15:27	200616
Naphthalene	NELAP	16.0	100		**2340**	µg/L	50	12/02/2022 15:21	200738
o-Xylene	NELAP	0.50	10.0		**187**	µg/L	10	12/01/2022 15:27	200616
Toluene	NELAP	1.00	20.0		**100**	µg/L	10	12/01/2022 15:27	200616
trans-1,2-Dichloroethene	NELAP	1.00	20.0		**ND**	µg/L	10	12/01/2022 15:27	200616
Xylenes, Total	NELAP	2.80	20.0		**243**	µg/L	10	12/01/2022 15:27	200616
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**94.7**	%REC	10	12/01/2022 15:27	200616
Surr: 4-Bromofluorobenzene	*	0	80-120		**98.3**	%REC	10	12/01/2022 15:27	200616
Surr: Dibromofluoromethane	*	0	80-120		**103.0**	%REC	10	12/01/2022 15:27	200616
Surr: Toluene-d8	*	0	80-120		**93.4**	%REC	10	12/01/2022 15:27	200616

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

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 22111766
Client Project: Ameren Taylorville 4th Qtr 2022
Report Date: 08-Dec-22
Lab ID: 22111766-005
Client Sample ID: GW-05
Matrix: GROUNDWATER
Collection Date: 11/29/2022 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	12/02/2022 19:11	200640
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/02/2022 19:11	200640
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	12/02/2022 19:11	200640
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/02/2022 19:11	200640
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	12/02/2022 19:11	200640
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/02/2022 19:11	200640
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	12/02/2022 19:11	200640
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/02/2022 19:11	200640
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	12/02/2022 19:11	200640
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/02/2022 19:11	200640
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	12/02/2022 19:11	200640
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	12/02/2022 19:11	200640
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	12/02/2022 19:11	200640
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	12/02/2022 19:11	200640
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	12/02/2022 19:11	200640
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	12/02/2022 19:11	200640
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	12/02/2022 19:11	200640
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	12/02/2022 19:11	200640
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	12/02/2022 19:11	200640
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	12/02/2022 19:11	200640
Surr: 2,4,6-Tribromophenol	*	0	10-179		**78.1**	%REC	1	12/02/2022 19:11	200640
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**66.7**	%REC	1	12/02/2022 19:11	200640
Surr: 2-Fluorophenol	*	0	10-157		**61.8**	%REC	1	12/02/2022 19:11	200640
Surr: Nitrobenzene-d5	*	0	15-163		**61.1**	%REC	1	12/02/2022 19:11	200640
Surr: Phenol-d5	*	0	10-162		**55.1**	%REC	1	12/02/2022 19:11	200640
Surr: p-Terphenyl-d14	*	0	10-173		**93.8**	%REC	1	12/02/2022 19:11	200640
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	12/01/2022 15:52	200616
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	12/01/2022 15:52	200616
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	12/01/2022 15:52	200616
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	12/01/2022 15:52	200616
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	12/01/2022 15:52	200616
Naphthalene	NELAP	0.32	2.0	J	**1.0**	µg/L	1	12/02/2022 15:46	200738
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	12/01/2022 15:52	200616
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	12/01/2022 15:52	200616
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	12/01/2022 15:52	200616
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	12/01/2022 15:52	200616
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**95.3**	%REC	1	12/01/2022 15:52	200616
Surr: 4-Bromofluorobenzene	*	0	80-120		**102.5**	%REC	1	12/01/2022 15:52	200616
Surr: Dibromofluoromethane	*	0	80-120		**103.2**	%REC	1	12/01/2022 15:52	200616
Surr: Toluene-d8	*	0	80-120		**94.5**	%REC	1	12/01/2022 15:52	200616

Laboratory Results

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Client: ERM
Work Order: 22111766
Client Project: Ameren Taylorville 4th Qtr 2022
Report Date: 08-Dec-22
Lab ID: 22111766-006
Client Sample ID: GW-07
Matrix: GROUNDWATER
Collection Date: 11/29/2022 15:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**0.000120**	mg/L	1	12/06/2022 11:40	200712
Acenaphthylene	NELAP	).000050	0.000100		**0.000179**	mg/L	1	12/06/2022 11:40	200712
Anthracene	NELAP	).000200	0.000300		**0.00144**	mg/L	1	12/06/2022 11:40	200712
Benzo(a)anthracene	NELAP	).000070	0.000100		**0.000201**	mg/L	1	12/06/2022 11:40	200712
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	12/06/2022 11:40	200712
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/06/2022 11:40	200712
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	12/06/2022 11:40	200712
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/06/2022 11:40	200712
Bis(2-ethylhexyl)phthalate	NELAP	0.00286	0.00400		**0.00578**	mg/L	2	12/07/2022 12:05	200712
Chrysene	NELAP	).000050	0.000100		**0.000157**	mg/L	1	12/06/2022 11:40	200712
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	12/06/2022 11:40	200712
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	12/06/2022 11:40	200712
Fluoranthene	NELAP	).000270	0.000300		**0.00154**	mg/L	1	12/06/2022 11:40	200712
Fluorene	NELAP	).000170	0.000200		**0.000366**	mg/L	1	12/06/2022 11:40	200712
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	12/06/2022 11:40	200712
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	12/06/2022 11:40	200712
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	12/06/2022 11:40	200712
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	12/06/2022 11:40	200712
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	12/06/2022 11:40	200712
Pyrene	NELAP	).000180	0.000200		**0.00281**	mg/L	1	12/06/2022 11:40	200712
Surr: 2,4,6-Tribromophenol	*	0	10-179		**108.3**	%REC	1	12/06/2022 11:40	200712
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**84.6**	%REC	1	12/06/2022 11:40	200712
Surr: 2-Fluorophenol	*	0	10-157		**75.0**	%REC	1	12/06/2022 11:40	200712
Surr: Nitrobenzene-d5	*	0	15-163		**78.5**	%REC	1	12/06/2022 11:40	200712
Surr: Phenol-d5	*	0	10-162		**66.4**	%REC	1	12/06/2022 11:40	200712
Surr: p-Terphenyl-d14	*	0	10-173		**123.1**	%REC	1	12/06/2022 11:40	200712
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50	S	**ND**	µg/L	1	12/02/2022 14:08	200738
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	12/02/2022 14:08	200738
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	12/02/2022 14:08	200738
m,p-Xylenes	NELAP	0.18	1.00	S	**ND**	µg/L	1	12/02/2022 14:08	200738
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	12/02/2022 14:08	200738
Naphthalene	NELAP	0.32	2.0	J	**0.70**	µg/L	1	12/02/2022 14:08	200738
o-Xylene	NELAP	0.05	1.00	S	**ND**	µg/L	1	12/02/2022 14:08	200738
Toluene	NELAP	0.10	2.00	S	**ND**	µg/L	1	12/02/2022 14:08	200738
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	12/02/2022 14:08	200738
Xylenes, Total	NELAP	0.28	2.00	S	**ND**	µg/L	1	12/02/2022 14:08	200738
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**95.1**	%REC	1	12/02/2022 14:08	200738
Surr: 4-Bromofluorobenzene	*	0	80-120		**100.0**	%REC	1	12/02/2022 14:08	200738
Surr: Dibromofluoromethane	*	0	80-120		**103.7**	%REC	1	12/02/2022 14:08	200738
Surr: Toluene-d8	*	0	80-120		**92.0**	%REC	1	12/02/2022 14:08	200738

MS/MSD recovered outside upper control limits. Sample results are below the reporting limit. Data is reportable per the TNI Standard.
Insufficient sample for re-analysis.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 22111766
Client Project: Ameren Taylorville 4th Qtr 2022
Report Date: 08-Dec-22
Lab ID: 22111766-007
Client Sample ID: GW-14
Matrix: GROUNDWATER
Collection Date: 11/29/2022 17:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/02/2022 19:51	200640
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/02/2022 19:51	200640
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	12/02/2022 19:51	200640
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/02/2022 19:51	200640
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	12/02/2022 19:51	200640
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/02/2022 19:51	200640
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	12/02/2022 19:51	200640
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/02/2022 19:51	200640
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**0.00304**	mg/L	1	12/02/2022 19:51	200640
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/02/2022 19:51	200640
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	12/02/2022 19:51	200640
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	12/02/2022 19:51	200640
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	12/02/2022 19:51	200640
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	12/02/2022 19:51	200640
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	12/02/2022 19:51	200640
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	12/02/2022 19:51	200640
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	12/02/2022 19:51	200640
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	12/02/2022 19:51	200640
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	12/02/2022 19:51	200640
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	12/02/2022 19:51	200640
Surr: 2,4,6-Tribromophenol	*	0	10-179		**97.6**	%REC	1	12/02/2022 19:51	200640
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**80.0**	%REC	1	12/02/2022 19:51	200640
Surr: 2-Fluorophenol	*	0	10-157		**69.1**	%REC	1	12/02/2022 19:51	200640
Surr: Nitrobenzene-d5	*	0	15-163		**75.8**	%REC	1	12/02/2022 19:51	200640
Surr: Phenol-d5	*	0	10-162		**66.2**	%REC	1	12/02/2022 19:51	200640
Surr: p-Terphenyl-d14	*	0	10-173		**116.0**	%REC	1	12/02/2022 19:51	200640
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	12/01/2022 16:41	200616
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	12/01/2022 16:41	200616
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	12/01/2022 16:41	200616
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	12/01/2022 16:41	200616
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	12/01/2022 16:41	200616
Naphthalene	NELAP	0.32	2.0	J	**0.62**	µg/L	1	12/01/2022 16:41	200616
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	12/01/2022 16:41	200616
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	12/01/2022 16:41	200616
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	12/01/2022 16:41	200616
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	12/01/2022 16:41	200616
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**96.4**	%REC	1	12/01/2022 16:41	200616
Surr: 4-Bromofluorobenzene	*	0	80-120		**101.2**	%REC	1	12/01/2022 16:41	200616
Surr: Dibromofluoromethane	*	0	80-120		**103.5**	%REC	1	12/01/2022 16:41	200616
Surr: Toluene-d8	*	0	80-120		**93.1**	%REC	1	12/01/2022 16:41	200616

Laboratory Results

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Client: ERM
Work Order: 22111766
Client Project: Ameren Taylorville 4th Qtr 2022
Report Date: 08-Dec-22
Lab ID: 22111766-008
Client Sample ID: GW-15
Matrix: GROUNDWATER
Collection Date: 11/30/2022 9:25

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.00010	J	**0.000094**	mg/L	1	12/07/2022 0:52	200712
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/07/2022 0:52	200712
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	12/07/2022 0:52	200712
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/07/2022 0:52	200712
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	12/07/2022 0:52	200712
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/07/2022 0:52	200712
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	12/07/2022 0:52	200712
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/07/2022 0:52	200712
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	12/07/2022 0:52	200712
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/07/2022 0:52	200712
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	12/07/2022 0:52	200712
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	12/07/2022 0:52	200712
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	12/07/2022 0:52	200712
Fluorene	NELAP	).000170	0.000200		**0.000287**	mg/L	1	12/07/2022 0:52	200712
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	12/07/2022 0:52	200712
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	12/07/2022 0:52	200712
Naphthalene	NELAP	).000340	0.000400		**0.00414**	mg/L	1	12/07/2022 0:52	200712
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	12/07/2022 0:52	200712
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	12/07/2022 0:52	200712
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	12/07/2022 0:52	200712
Surr: 2,4,6-Tribromophenol	*	0	10-179		**99.0**	%REC	1	12/07/2022 0:52	200712
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**79.9**	%REC	1	12/07/2022 0:52	200712
Surr: 2-Fluorophenol	*	0	10-157		**74.2**	%REC	1	12/07/2022 0:52	200712
Surr: Nitrobenzene-d5	*	0	15-163		**76.2**	%REC	1	12/07/2022 0:52	200712
Surr: Phenol-d5	*	0	10-162		**62.4**	%REC	1	12/07/2022 0:52	200712
Surr: p-Terphenyl-d14	*	0	10-173		**115.9**	%REC	1	12/07/2022 0:52	200712
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	12/01/2022 17:05	200616
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	12/01/2022 17:05	200616
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	12/01/2022 17:05	200616
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	12/01/2022 17:05	200616
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	12/01/2022 17:05	200616
Naphthalene	NELAP	0.32	2.0	J	**0.55**	µg/L	1	12/01/2022 17:05	200616
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	12/01/2022 17:05	200616
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	12/01/2022 17:05	200616
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	12/01/2022 17:05	200616
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	12/01/2022 17:05	200616
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**94.4**	%REC	1	12/01/2022 17:05	200616
Surr: 4-Bromofluorobenzene	*	0	80-120		**100.2**	%REC	1	12/01/2022 17:05	200616
Surr: Dibromofluoromethane	*	0	80-120		**103.8**	%REC	1	12/01/2022 17:05	200616
Surr: Toluene-d8	*	0	80-120		**93.0**	%REC	1	12/01/2022 17:05	200616

Laboratory Results

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Client: ERM
Work Order: 22111766
Client Project: Ameren Taylorville 4th Qtr 2022
Report Date: 08-Dec-22
Lab ID: 22111766-009
Client Sample ID: GW-16S
Matrix: GROUNDWATER
Collection Date: 11/28/2022 13:15

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	12/02/2022 21:10	200640
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/02/2022 21:10	200640
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	12/02/2022 21:10	200640
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/02/2022 21:10	200640
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	12/02/2022 21:10	200640
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/02/2022 21:10	200640
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	12/02/2022 21:10	200640
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/02/2022 21:10	200640
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	12/02/2022 21:10	200640
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/02/2022 21:10	200640
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	12/02/2022 21:10	200640
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	12/02/2022 21:10	200640
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	12/02/2022 21:10	200640
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	12/02/2022 21:10	200640
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	12/02/2022 21:10	200640
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	12/02/2022 21:10	200640
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	12/02/2022 21:10	200640
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	12/02/2022 21:10	200640
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	12/02/2022 21:10	200640
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	12/02/2022 21:10	200640
Surr: 2,4,6-Tribromophenol	*	0	10-179		**110.8**	%REC	1	12/02/2022 21:10	200640
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**68.6**	%REC	1	12/02/2022 21:10	200640
Surr: 2-Fluorophenol	*	0	10-157		**58.4**	%REC	1	12/02/2022 21:10	200640
Surr: Nitrobenzene-d5	*	0	15-163		**63.8**	%REC	1	12/02/2022 21:10	200640
Surr: Phenol-d5	*	0	10-162		**54.3**	%REC	1	12/02/2022 21:10	200640
Surr: p-Terphenyl-d14	*	0	10-173		**105.8**	%REC	1	12/02/2022 21:10	200640
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	12/01/2022 17:30	200616
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	12/01/2022 17:30	200616
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	12/01/2022 17:30	200616
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	12/01/2022 17:30	200616
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	12/01/2022 17:30	200616
Naphthalene	NELAP	0.32	2.0	J	**0.52**	µg/L	1	12/01/2022 17:30	200616
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	12/01/2022 17:30	200616
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	12/01/2022 17:30	200616
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	12/01/2022 17:30	200616
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	12/01/2022 17:30	200616
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**95.2**	%REC	1	12/01/2022 17:30	200616
Surr: 4-Bromofluorobenzene	*	0	80-120		**101.0**	%REC	1	12/01/2022 17:30	200616
Surr: Dibromofluoromethane	*	0	80-120		**103.4**	%REC	1	12/01/2022 17:30	200616
Surr: Toluene-d8	*	0	80-120		**93.6**	%REC	1	12/01/2022 17:30	200616

Laboratory Results

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Client: ERM
Work Order: 22111766
Client Project: Ameren Taylorville 4th Qtr 2022
Report Date: 08-Dec-22
Lab ID: 22111766-010
Client Sample ID: GW-16D
Matrix: GROUNDWATER
Collection Date: 11/28/2022 13:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/02/2022 20:30	200640
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/02/2022 20:30	200640
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	12/02/2022 20:30	200640
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/02/2022 20:30	200640
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	12/02/2022 20:30	200640
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/02/2022 20:30	200640
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	12/02/2022 20:30	200640
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/02/2022 20:30	200640
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	12/02/2022 20:30	200640
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/02/2022 20:30	200640
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	12/02/2022 20:30	200640
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	12/02/2022 20:30	200640
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	12/02/2022 20:30	200640
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	12/02/2022 20:30	200640
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	12/02/2022 20:30	200640
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	12/02/2022 20:30	200640
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	12/02/2022 20:30	200640
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	12/02/2022 20:30	200640
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	12/02/2022 20:30	200640
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	12/02/2022 20:30	200640
Surr: 2,4,6-Tribromophenol	*	0	10-179		**95.8**	%REC	1	12/02/2022 20:30	200640
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**82.5**	%REC	1	12/02/2022 20:30	200640
Surr: 2-Fluorophenol	*	0	10-157		**73.5**	%REC	1	12/02/2022 20:30	200640
Surr: Nitrobenzene-d5	*	0	15-163		**77.8**	%REC	1	12/02/2022 20:30	200640
Surr: Phenol-d5	*	0	10-162		**63.9**	%REC	1	12/02/2022 20:30	200640
Surr: p-Terphenyl-d14	*	0	10-173		**114.2**	%REC	1	12/02/2022 20:30	200640
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**0.71**	µg/L	1	12/01/2022 17:54	200616
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	12/01/2022 17:54	200616
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	12/01/2022 17:54	200616
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	12/01/2022 17:54	200616
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	12/01/2022 17:54	200616
Naphthalene	NELAP	0.32	2.0	J	**0.51**	µg/L	1	12/01/2022 17:54	200616
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	12/01/2022 17:54	200616
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	12/01/2022 17:54	200616
trans-1,2-Dichloroethene	NELAP	0.10	2.0	J	**0.12**	µg/L	1	12/01/2022 17:54	200616
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	12/01/2022 17:54	200616
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**95.8**	%REC	1	12/01/2022 17:54	200616
Surr: 4-Bromofluorobenzene	*	0	80-120		**101.3**	%REC	1	12/01/2022 17:54	200616
Surr: Dibromofluoromethane	*	0	80-120		**103.5**	%REC	1	12/01/2022 17:54	200616
Surr: Toluene-d8	*	0	80-120		**93.4**	%REC	1	12/01/2022 17:54	200616

Laboratory Results

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Client: ERM
Work Order: 22111766
Client Project: Ameren Taylorville 4th Qtr 2022
Report Date: 08-Dec-22
Lab ID: 22111766-011
Client Sample ID: GW-17
Matrix: GROUNDWATER
Collection Date: 11/28/2022 14:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/02/2022 21:49	200640
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/02/2022 21:49	200640
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	12/02/2022 21:49	200640
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/02/2022 21:49	200640
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	12/02/2022 21:49	200640
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/02/2022 21:49	200640
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	12/02/2022 21:49	200640
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/02/2022 21:49	200640
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	12/02/2022 21:49	200640
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/02/2022 21:49	200640
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	12/02/2022 21:49	200640
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	12/02/2022 21:49	200640
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	12/02/2022 21:49	200640
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	12/02/2022 21:49	200640
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	12/02/2022 21:49	200640
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	12/02/2022 21:49	200640
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	12/02/2022 21:49	200640
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	12/02/2022 21:49	200640
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	12/02/2022 21:49	200640
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	12/02/2022 21:49	200640
Surr: 2,4,6-Tribromophenol	*	0	10-179		**88.4**	%REC	1	12/02/2022 21:49	200640
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**80.7**	%REC	1	12/02/2022 21:49	200640
Surr: 2-Fluorophenol	*	0	10-157		**71.1**	%REC	1	12/02/2022 21:49	200640
Surr: Nitrobenzene-d5	*	0	15-163		**75.6**	%REC	1	12/02/2022 21:49	200640
Surr: Phenol-d5	*	0	10-162		**63.8**	%REC	1	12/02/2022 21:49	200640
Surr: p-Terphenyl-d14	*	0	10-173		**121.4**	%REC	1	12/02/2022 21:49	200640
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	12/01/2022 18:19	200616
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	12/01/2022 18:19	200616
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	12/01/2022 18:19	200616
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	12/01/2022 18:19	200616
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	12/01/2022 18:19	200616
Naphthalene	NELAP	0.32	2.0	J	**0.49**	µg/L	1	12/01/2022 18:19	200616
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	12/01/2022 18:19	200616
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	12/01/2022 18:19	200616
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	12/01/2022 18:19	200616
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	12/01/2022 18:19	200616
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**96.3**	%REC	1	12/01/2022 18:19	200616
Surr: 4-Bromofluorobenzene	*	0	80-120		**100.7**	%REC	1	12/01/2022 18:19	200616
Surr: Dibromofluoromethane	*	0	80-120		**104.0**	%REC	1	12/01/2022 18:19	200616
Surr: Toluene-d8	*	0	80-120		**93.2**	%REC	1	12/01/2022 18:19	200616

Laboratory Results

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Client: ERM
Work Order: 22111766
Client Project: Ameren Taylorville 4th Qtr 2022
Report Date: 08-Dec-22
Lab ID: 22111766-012
Client Sample ID: GW-18S
Matrix: GROUNDWATER
Collection Date: 11/29/2022 10:55

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/06/2022 13:39	200712
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/06/2022 13:39	200712
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	12/06/2022 13:39	200712
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/06/2022 13:39	200712
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	12/06/2022 13:39	200712
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/06/2022 13:39	200712
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	12/06/2022 13:39	200712
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/06/2022 13:39	200712
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	12/06/2022 13:39	200712
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/06/2022 13:39	200712
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	12/06/2022 13:39	200712
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	12/06/2022 13:39	200712
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	12/06/2022 13:39	200712
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	12/06/2022 13:39	200712
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	12/06/2022 13:39	200712
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	12/06/2022 13:39	200712
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	12/06/2022 13:39	200712
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	12/06/2022 13:39	200712
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	12/06/2022 13:39	200712
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	12/06/2022 13:39	200712
Surr: 2,4,6-Tribromophenol	*	0	10-179		**116.4**	%REC	1	12/06/2022 13:39	200712
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**84.2**	%REC	1	12/06/2022 13:39	200712
Surr: 2-Fluorophenol	*	0	10-157		**72.9**	%REC	1	12/06/2022 13:39	200712
Surr: Nitrobenzene-d5	*	0	15-163		**77.9**	%REC	1	12/06/2022 13:39	200712
Surr: Phenol-d5	*	0	10-162		**65.8**	%REC	1	12/06/2022 13:39	200712
Surr: p-Terphenyl-d14	*	0	10-173		**144.4**	%REC	1	12/06/2022 13:39	200712
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	12/01/2022 18:43	200616
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	12/01/2022 18:43	200616
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	12/01/2022 18:43	200616
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	12/01/2022 18:43	200616
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	12/01/2022 18:43	200616
Naphthalene	NELAP	0.32	2.0	J	**0.48**	µg/L	1	12/01/2022 18:43	200616
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	12/01/2022 18:43	200616
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	12/01/2022 18:43	200616
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	12/01/2022 18:43	200616
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	12/01/2022 18:43	200616
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**97.0**	%REC	1	12/01/2022 18:43	200616
Surr: 4-Bromofluorobenzene	*	0	80-120		**100.0**	%REC	1	12/01/2022 18:43	200616
Surr: Dibromofluoromethane	*	0	80-120		**104.2**	%REC	1	12/01/2022 18:43	200616
Surr: Toluene-d8	*	0	80-120		**92.5**	%REC	1	12/01/2022 18:43	200616

Laboratory Results

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Client: ERM
Work Order: 22111766
Client Project: Ameren Taylorville 4th Qtr 2022
Report Date: 08-Dec-22
Lab ID: 22111766-013
Client Sample ID: GW-18D
Matrix: GROUNDWATER
Collection Date: 11/29/2022 10:30

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	12/06/2022 22:14	200712
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/06/2022 22:14	200712
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	12/06/2022 22:14	200712
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/06/2022 22:14	200712
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	12/06/2022 22:14	200712
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/06/2022 22:14	200712
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	12/06/2022 22:14	200712
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/06/2022 22:14	200712
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	12/06/2022 22:14	200712
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/06/2022 22:14	200712
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	12/06/2022 22:14	200712
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	12/06/2022 22:14	200712
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	12/06/2022 22:14	200712
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	12/06/2022 22:14	200712
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	12/06/2022 22:14	200712
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	12/06/2022 22:14	200712
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	12/06/2022 22:14	200712
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	12/06/2022 22:14	200712
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	12/06/2022 22:14	200712
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	12/06/2022 22:14	200712
Surr: 2,4,6-Tribromophenol	*	0	10-179		**126.7**	%REC	1	12/06/2022 22:14	200712
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**86.8**	%REC	1	12/06/2022 22:14	200712
Surr: 2-Fluorophenol	*	0	10-157		**77.1**	%REC	1	12/06/2022 22:14	200712
Surr: Nitrobenzene-d5	*	0	15-163		**80.9**	%REC	1	12/06/2022 22:14	200712
Surr: Phenol-d5	*	0	10-162		**70.3**	%REC	1	12/06/2022 22:14	200712
Surr: p-Terphenyl-d14	*	0	10-173		**120.2**	%REC	1	12/06/2022 22:14	200712
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	12/02/2022 16:10	200738
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	12/02/2022 16:10	200738
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	12/02/2022 16:10	200738
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	12/02/2022 16:10	200738
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	12/02/2022 16:10	200738
Naphthalene	NELAP	0.32	2.0	J	**0.54**	µg/L	1	12/02/2022 16:10	200738
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	12/02/2022 16:10	200738
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	12/02/2022 16:10	200738
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	12/02/2022 16:10	200738
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	12/02/2022 16:10	200738
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**95.8**	%REC	1	12/02/2022 16:10	200738
Surr: 4-Bromofluorobenzene	*	0	80-120		**99.6**	%REC	1	12/02/2022 16:10	200738
Surr: Dibromofluoromethane	*	0	80-120		**104.4**	%REC	1	12/02/2022 16:10	200738
Surr: Toluene-d8	*	0	80-120		**92.1**	%REC	1	12/02/2022 16:10	200738

Laboratory Results

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Client: ERM
Work Order: 22111766
Client Project: Ameren Taylorville 4th Qtr 2022
Report Date: 08-Dec-22
Lab ID: 22111766-014
Client Sample ID: GW-19S
Matrix: GROUNDWATER
Collection Date: 11/29/2022 9:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/06/2022 22:54	200712
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/06/2022 22:54	200712
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	12/06/2022 22:54	200712
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/06/2022 22:54	200712
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	12/06/2022 22:54	200712
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/06/2022 22:54	200712
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	12/06/2022 22:54	200712
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/06/2022 22:54	200712
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	12/06/2022 22:54	200712
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/06/2022 22:54	200712
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	12/06/2022 22:54	200712
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	12/06/2022 22:54	200712
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	12/06/2022 22:54	200712
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	12/06/2022 22:54	200712
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	12/06/2022 22:54	200712
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	12/06/2022 22:54	200712
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	12/06/2022 22:54	200712
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	12/06/2022 22:54	200712
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	12/06/2022 22:54	200712
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	12/06/2022 22:54	200712
Surr: 2,4,6-Tribromophenol	*	0	10-179		**108.9**	%REC	1	12/06/2022 22:54	200712
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**78.8**	%REC	1	12/06/2022 22:54	200712
Surr: 2-Fluorophenol	*	0	10-157		**51.5**	%REC	1	12/06/2022 22:54	200712
Surr: Nitrobenzene-d5	*	0	15-163		**71.8**	%REC	1	12/06/2022 22:54	200712
Surr: Phenol-d5	*	0	10-162		**50.5**	%REC	1	12/06/2022 22:54	200712
Surr: p-Terphenyl-d14	*	0	10-173		**119.9**	%REC	1	12/06/2022 22:54	200712
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	12/02/2022 16:35	200738
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	12/02/2022 16:35	200738
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	12/02/2022 16:35	200738
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	12/02/2022 16:35	200738
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	12/02/2022 16:35	200738
Naphthalene	NELAP	0.32	2.0	J	**0.50**	µg/L	1	12/02/2022 16:35	200738
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	12/02/2022 16:35	200738
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	12/02/2022 16:35	200738
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	12/02/2022 16:35	200738
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	12/02/2022 16:35	200738
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**94.8**	%REC	1	12/02/2022 16:35	200738
Surr: 4-Bromofluorobenzene	*	0	80-120		**100.5**	%REC	1	12/02/2022 16:35	200738
Surr: Dibromofluoromethane	*	0	80-120		**104.5**	%REC	1	12/02/2022 16:35	200738
Surr: Toluene-d8	*	0	80-120		**92.6**	%REC	1	12/02/2022 16:35	200738

Laboratory Results

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Client: ERM
Work Order: 22111766
Client Project: Ameren Taylorville 4th Qtr 2022
Report Date: 08-Dec-22
Lab ID: 22111766-015
Client Sample ID: GW-19D
Matrix: GROUNDWATER
Collection Date: 11/29/2022 9:10

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	12/06/2022 15:38	200712
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/06/2022 15:38	200712
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	12/06/2022 15:38	200712
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/06/2022 15:38	200712
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	12/06/2022 15:38	200712
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/06/2022 15:38	200712
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	12/06/2022 15:38	200712
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/06/2022 15:38	200712
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	12/06/2022 15:38	200712
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/06/2022 15:38	200712
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	12/06/2022 15:38	200712
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	12/06/2022 15:38	200712
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	12/06/2022 15:38	200712
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	12/06/2022 15:38	200712
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	12/06/2022 15:38	200712
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	12/06/2022 15:38	200712
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	12/06/2022 15:38	200712
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	12/06/2022 15:38	200712
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	12/06/2022 15:38	200712
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	12/06/2022 15:38	200712
Surr: 2,4,6-Tribromophenol	*	0	10-179		**122.1**	%REC	1	12/06/2022 15:38	200712
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**85.0**	%REC	1	12/06/2022 15:38	200712
Surr: 2-Fluorophenol	*	0	10-157		**73.4**	%REC	1	12/06/2022 15:38	200712
Surr: Nitrobenzene-d5	*	0	15-163		**78.3**	%REC	1	12/06/2022 15:38	200712
Surr: Phenol-d5	*	0	10-162		**65.6**	%REC	1	12/06/2022 15:38	200712
Surr: p-Terphenyl-d14	*	0	10-173		**132.0**	%REC	1	12/06/2022 15:38	200712
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	12/02/2022 0:50	200639
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	12/02/2022 0:50	200639
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	12/02/2022 0:50	200639
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	12/02/2022 0:50	200639
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	12/02/2022 0:50	200639
Naphthalene	NELAP	0.32	2.0	BJ	**0.47**	µg/L	1	12/02/2022 0:50	200639
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	12/02/2022 0:50	200639
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	12/02/2022 0:50	200639
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	12/02/2022 0:50	200639
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	12/02/2022 0:50	200639
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**94.5**	%REC	1	12/02/2022 0:50	200639
Surr: 4-Bromofluorobenzene	*	0	80-120		**101.0**	%REC	1	12/02/2022 0:50	200639
Surr: Dibromofluoromethane	*	0	80-120		**103.9**	%REC	1	12/02/2022 0:50	200639
Surr: Toluene-d8	*	0	80-120		**93.0**	%REC	1	12/02/2022 0:50	200639

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

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 22111766
Client Project: Ameren Taylorville 4th Qtr 2022
Report Date: 08-Dec-22
Lab ID: 22111766-016
Client Sample ID: GW-20
Matrix: GROUNDWATER
Collection Date: 11/29/2022 7:55

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	12/06/2022 16:18	200712
Acenaphthylene	NELAP	).000050	0.000100		**0.000363**	mg/L	1	12/06/2022 16:18	200712
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	12/06/2022 16:18	200712
Benzo(a)anthracene	NELAP	).000070	0.000100		**0.000460**	mg/L	1	12/06/2022 16:18	200712
Benzo(a)pyrene	NELAP	).000110	0.000200		**0.00167**	mg/L	1	12/06/2022 16:18	200712
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**0.00128**	mg/L	1	12/06/2022 16:18	200712
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**0.00159**	mg/L	1	12/06/2022 16:18	200712
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**0.000393**	mg/L	1	12/06/2022 16:18	200712
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	12/06/2022 16:18	200712
Chrysene	NELAP	).000050	0.000100		**0.000604**	mg/L	1	12/06/2022 16:18	200712
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**0.000230**	mg/L	1	12/06/2022 16:18	200712
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	12/06/2022 16:18	200712
Fluoranthene	NELAP	).000270	0.000300		**0.000582**	mg/L	1	12/06/2022 16:18	200712
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	12/06/2022 16:18	200712
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**0.00107**	mg/L	1	12/06/2022 16:18	200712
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	12/06/2022 16:18	200712
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	12/06/2022 16:18	200712
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	12/06/2022 16:18	200712
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	12/06/2022 16:18	200712
Pyrene	NELAP	).000180	0.000200		**0.00112**	mg/L	1	12/06/2022 16:18	200712
Surr: 2,4,6-Tribromophenol	*	0	10-179		**134.3**	%REC	1	12/06/2022 16:18	200712
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**66.7**	%REC	1	12/06/2022 16:18	200712
Surr: 2-Fluorophenol	*	0	10-157		**59.5**	%REC	1	12/06/2022 16:18	200712
Surr: Nitrobenzene-d5	*	0	15-163		**66.2**	%REC	1	12/06/2022 16:18	200712
Surr: Phenol-d5	*	0	10-162		**53.6**	%REC	1	12/06/2022 16:18	200712
Surr: p-Terphenyl-d14	*	0	10-173		**97.4**	%REC	1	12/06/2022 16:18	200712
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	12/02/2022 1:15	200639
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	12/02/2022 1:15	200639
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	12/02/2022 1:15	200639
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	12/02/2022 1:15	200639
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	12/02/2022 1:15	200639
Naphthalene	NELAP	0.32	2.0	BJ	**0.47**	µg/L	1	12/02/2022 1:15	200639
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	12/02/2022 1:15	200639
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	12/02/2022 1:15	200639
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	12/02/2022 1:15	200639
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	12/02/2022 1:15	200639
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**95.4**	%REC	1	12/02/2022 1:15	200639
Surr: 4-Bromofluorobenzene	*	0	80-120		**100.2**	%REC	1	12/02/2022 1:15	200639
Surr: Dibromofluoromethane	*	0	80-120		**103.8**	%REC	1	12/02/2022 1:15	200639
Surr: Toluene-d8	*	0	80-120		**93.4**	%REC	1	12/02/2022 1:15	200639

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

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 22111766
Client Project: Ameren Taylorville 4th Qtr 2022
Report Date: 08-Dec-22
Lab ID: 22111766-017
Client Sample ID: GW-21
Matrix: GROUNDWATER
Collection Date: 11/29/2022 11:40

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	12/06/2022 16:57	200712
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/06/2022 16:57	200712
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	12/06/2022 16:57	200712
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/06/2022 16:57	200712
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	12/06/2022 16:57	200712
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/06/2022 16:57	200712
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	12/06/2022 16:57	200712
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/06/2022 16:57	200712
Bis(2-ethylhexyl)phthalate	NELAP	0.0014	0.0020	J	**0.0015**	mg/L	1	12/06/2022 16:57	200712
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/06/2022 16:57	200712
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	12/06/2022 16:57	200712
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	12/06/2022 16:57	200712
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	12/06/2022 16:57	200712
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	12/06/2022 16:57	200712
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	12/06/2022 16:57	200712
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	12/06/2022 16:57	200712
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	12/06/2022 16:57	200712
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	12/06/2022 16:57	200712
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	12/06/2022 16:57	200712
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	12/06/2022 16:57	200712
Surr: 2,4,6-Tribromophenol	*	0	10-179		**115.6**	%REC	1	12/06/2022 16:57	200712
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**86.0**	%REC	1	12/06/2022 16:57	200712
Surr: 2-Fluorophenol	*	0	10-157		**75.0**	%REC	1	12/06/2022 16:57	200712
Surr: Nitrobenzene-d5	*	0	15-163		**79.4**	%REC	1	12/06/2022 16:57	200712
Surr: Phenol-d5	*	0	10-162		**63.6**	%REC	1	12/06/2022 16:57	200712
Surr: p-Terphenyl-d14	*	0	10-173		**115.2**	%REC	1	12/06/2022 16:57	200712
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	12/02/2022 1:39	200639
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	12/02/2022 1:39	200639
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	12/02/2022 1:39	200639
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	12/02/2022 1:39	200639
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	12/02/2022 1:39	200639
Naphthalene	NELAP	0.32	2.00	B	**ND**	µg/L	1	12/02/2022 1:39	200639
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	12/02/2022 1:39	200639
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	12/02/2022 1:39	200639
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	12/02/2022 1:39	200639
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	12/02/2022 1:39	200639
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**96.8**	%REC	1	12/02/2022 1:39	200639
Surr: 4-Bromofluorobenzene	*	0	80-120		**100.5**	%REC	1	12/02/2022 1:39	200639
Surr: Dibromofluoromethane	*	0	80-120		**103.9**	%REC	1	12/02/2022 1:39	200639
Surr: Toluene-d8	*	0	80-120		**93.1**	%REC	1	12/02/2022 1:39	200639

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

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 22111766
Client Project: Ameren Taylorville 4th Qtr 2022
Report Date: 08-Dec-22
Lab ID: 22111766-018
Client Sample ID: GW-22S
Matrix: GROUNDWATER
Collection Date: 11/29/2022 7:15

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	12/06/2022 17:37	200712
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/06/2022 17:37	200712
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	12/06/2022 17:37	200712
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/06/2022 17:37	200712
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	12/06/2022 17:37	200712
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/06/2022 17:37	200712
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	12/06/2022 17:37	200712
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/06/2022 17:37	200712
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	12/06/2022 17:37	200712
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/06/2022 17:37	200712
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	12/06/2022 17:37	200712
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	12/06/2022 17:37	200712
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	12/06/2022 17:37	200712
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	12/06/2022 17:37	200712
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	12/06/2022 17:37	200712
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	12/06/2022 17:37	200712
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	12/06/2022 17:37	200712
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	12/06/2022 17:37	200712
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	12/06/2022 17:37	200712
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	12/06/2022 17:37	200712
Surr: 2,4,6-Tribromophenol	*	0	10-179		**108.4**	%REC	1	12/06/2022 17:37	200712
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**76.9**	%REC	1	12/06/2022 17:37	200712
Surr: 2-Fluorophenol	*	0	10-157		**64.5**	%REC	1	12/06/2022 17:37	200712
Surr: Nitrobenzene-d5	*	0	15-163		**67.4**	%REC	1	12/06/2022 17:37	200712
Surr: Phenol-d5	*	0	10-162		**58.0**	%REC	1	12/06/2022 17:37	200712
Surr: p-Terphenyl-d14	*	0	10-173		**114.7**	%REC	1	12/06/2022 17:37	200712
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	12/02/2022 2:04	200639
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	12/02/2022 2:04	200639
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	12/02/2022 2:04	200639
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	12/02/2022 2:04	200639
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	12/02/2022 2:04	200639
Naphthalene	NELAP	0.32	2.0	BJ	**0.47**	µg/L	1	12/02/2022 2:04	200639
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	12/02/2022 2:04	200639
Toluene	NELAP	0.10	2.0	J	**0.22**	µg/L	1	12/02/2022 2:04	200639
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	12/02/2022 2:04	200639
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	12/02/2022 2:04	200639
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**95.5**	%REC	1	12/02/2022 2:04	200639
Surr: 4-Bromofluorobenzene	*	0	80-120		**100.7**	%REC	1	12/02/2022 2:04	200639
Surr: Dibromofluoromethane	*	0	80-120		**102.5**	%REC	1	12/02/2022 2:04	200639
Surr: Toluene-d8	*	0	80-120		**93.3**	%REC	1	12/02/2022 2:04	200639

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

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 22111766
Client Project: Ameren Taylorville 4th Qtr 2022
Report Date: 08-Dec-22
Lab ID: 22111766-019
Client Sample ID: GW-22D
Matrix: GROUNDWATER
Collection Date: 11/28/2022 16:55

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	12/02/2022 22:29	200640
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/02/2022 22:29	200640
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	12/02/2022 22:29	200640
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/02/2022 22:29	200640
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	12/02/2022 22:29	200640
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/02/2022 22:29	200640
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	12/02/2022 22:29	200640
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/02/2022 22:29	200640
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	12/02/2022 22:29	200640
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/02/2022 22:29	200640
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	12/02/2022 22:29	200640
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	12/02/2022 22:29	200640
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	12/02/2022 22:29	200640
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	12/02/2022 22:29	200640
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	12/02/2022 22:29	200640
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	12/02/2022 22:29	200640
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	12/02/2022 22:29	200640
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	12/02/2022 22:29	200640
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	12/02/2022 22:29	200640
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	12/02/2022 22:29	200640
Surr: 2,4,6-Tribromophenol	*	0	10-179		**67.7**	%REC	1	12/02/2022 22:29	200640
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**54.3**	%REC	1	12/02/2022 22:29	200640
Surr: 2-Fluorophenol	*	0	10-157		**49.6**	%REC	1	12/02/2022 22:29	200640
Surr: Nitrobenzene-d5	*	0	15-163		**53.0**	%REC	1	12/02/2022 22:29	200640
Surr: Phenol-d5	*	0	10-162		**44.2**	%REC	1	12/02/2022 22:29	200640
Surr: p-Terphenyl-d14	*	0	10-173		**78.0**	%REC	1	12/02/2022 22:29	200640
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	12/02/2022 2:28	200639
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	12/02/2022 2:28	200639
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	12/02/2022 2:28	200639
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	12/02/2022 2:28	200639
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	12/02/2022 2:28	200639
Naphthalene	NELAP	0.32	2.00	B	**ND**	µg/L	1	12/02/2022 2:28	200639
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	12/02/2022 2:28	200639
Toluene	NELAP	0.10	2.0	J	**0.11**	µg/L	1	12/02/2022 2:28	200639
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	12/02/2022 2:28	200639
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	12/02/2022 2:28	200639
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**96.9**	%REC	1	12/02/2022 2:28	200639
Surr: 4-Bromofluorobenzene	*	0	80-120		**101.7**	%REC	1	12/02/2022 2:28	200639
Surr: Dibromofluoromethane	*	0	80-120		**105.0**	%REC	1	12/02/2022 2:28	200639
Surr: Toluene-d8	*	0	80-120		**93.0**	%REC	1	12/02/2022 2:28	200639

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

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 22111766
Client Project: Ameren Taylorville 4th Qtr 2022
Report Date: 08-Dec-22
Lab ID: 22111766-020
Client Sample ID: GW-19S-DUP
Matrix: GROUNDWATER
Collection Date: 11/29/2022 9:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/06/2022 18:16	200712
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/06/2022 18:16	200712
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	12/06/2022 18:16	200712
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/06/2022 18:16	200712
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	12/06/2022 18:16	200712
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/06/2022 18:16	200712
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	12/06/2022 18:16	200712
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/06/2022 18:16	200712
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	12/06/2022 18:16	200712
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/06/2022 18:16	200712
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	12/06/2022 18:16	200712
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	12/06/2022 18:16	200712
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	12/06/2022 18:16	200712
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	12/06/2022 18:16	200712
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	12/06/2022 18:16	200712
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	12/06/2022 18:16	200712
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	12/06/2022 18:16	200712
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	12/06/2022 18:16	200712
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	12/06/2022 18:16	200712
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	12/06/2022 18:16	200712
Surr: 2,4,6-Tribromophenol	*	0	10-179		**81.7**	%REC	1	12/06/2022 18:16	200712
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**63.9**	%REC	1	12/06/2022 18:16	200712
Surr: 2-Fluorophenol	*	0	10-157		**60.6**	%REC	1	12/06/2022 18:16	200712
Surr: Nitrobenzene-d5	*	0	15-163		**59.9**	%REC	1	12/06/2022 18:16	200712
Surr: Phenol-d5	*	0	10-162		**56.8**	%REC	1	12/06/2022 18:16	200712
Surr: p-Terphenyl-d14	*	0	10-173		**105.0**	%REC	1	12/06/2022 18:16	200712
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	12/02/2022 2:53	200639
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	12/02/2022 2:53	200639
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	12/02/2022 2:53	200639
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	12/02/2022 2:53	200639
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	12/02/2022 2:53	200639
Naphthalene	NELAP	0.32	2.0	BJ	**0.46**	µg/L	1	12/02/2022 2:53	200639
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	12/02/2022 2:53	200639
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	12/02/2022 2:53	200639
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	12/02/2022 2:53	200639
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	12/02/2022 2:53	200639
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**96.5**	%REC	1	12/02/2022 2:53	200639
Surr: 4-Bromofluorobenzene	*	0	80-120		**99.9**	%REC	1	12/02/2022 2:53	200639
Surr: Dibromofluoromethane	*	0	80-120		**102.6**	%REC	1	12/02/2022 2:53	200639
Surr: Toluene-d8	*	0	80-120		**93.1**	%REC	1	12/02/2022 2:53	200639

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

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 22111766
Client Project: Ameren Taylorville 4th Qtr 2022
Report Date: 08-Dec-22
Lab ID: 22111766-021
Client Sample ID: Field Blank 1
Matrix: GROUNDWATER
Collection Date: 11/30/2022 9:35

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	12/07/2022 1:32	200712
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/07/2022 1:32	200712
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	12/07/2022 1:32	200712
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/07/2022 1:32	200712
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	12/07/2022 1:32	200712
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/07/2022 1:32	200712
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	12/07/2022 1:32	200712
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/07/2022 1:32	200712
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	12/07/2022 1:32	200712
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/07/2022 1:32	200712
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	12/07/2022 1:32	200712
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	12/07/2022 1:32	200712
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	12/07/2022 1:32	200712
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	12/07/2022 1:32	200712
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	12/07/2022 1:32	200712
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	12/07/2022 1:32	200712
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	12/07/2022 1:32	200712
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	12/07/2022 1:32	200712
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	12/07/2022 1:32	200712
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	12/07/2022 1:32	200712
Surr: 2,4,6-Tribromophenol	*	0	10-179		**94.5**	%REC	1	12/07/2022 1:32	200712
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**78.7**	%REC	1	12/07/2022 1:32	200712
Surr: 2-Fluorophenol	*	0	10-157		**76.7**	%REC	1	12/07/2022 1:32	200712
Surr: Nitrobenzene-d5	*	0	15-163		**74.5**	%REC	1	12/07/2022 1:32	200712
Surr: Phenol-d5	*	0	10-162		**62.0**	%REC	1	12/07/2022 1:32	200712
Surr: p-Terphenyl-d14	*	0	10-173		**113.3**	%REC	1	12/07/2022 1:32	200712
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	12/02/2022 3:18	200639
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	12/02/2022 3:18	200639
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	12/02/2022 3:18	200639
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	12/02/2022 3:18	200639
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	12/02/2022 3:18	200639
Naphthalene	NELAP	0.32	2.0	BJ	**0.46**	µg/L	1	12/02/2022 3:18	200639
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	12/02/2022 3:18	200639
Toluene	NELAP	0.10	2.0	J	**1.1**	µg/L	1	12/02/2022 3:18	200639
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	12/02/2022 3:18	200639
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	12/02/2022 3:18	200639
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**95.6**	%REC	1	12/02/2022 3:18	200639
Surr: 4-Bromofluorobenzene	*	0	80-120		**100.1**	%REC	1	12/02/2022 3:18	200639
Surr: Dibromofluoromethane	*	0	80-120		**103.8**	%REC	1	12/02/2022 3:18	200639
Surr: Toluene-d8	*	0	80-120		**93.1**	%REC	1	12/02/2022 3:18	200639

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

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 22111766
Client Project: Ameren Taylorville 4th Qtr 2022
Report Date: 08-Dec-22
Lab ID: 22111766-022
Client Sample ID: Trip Blank 1
Matrix: GROUNDWATER
Collection Date: 11/30/2022 14:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	12/02/2022 3:42	200639
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	12/02/2022 3:42	200639
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	12/02/2022 3:42	200639
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	12/02/2022 3:42	200639
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	12/02/2022 3:42	200639
Naphthalene	NELAP	0.32	2.0	BJ	**0.46**	µg/L	1	12/02/2022 3:42	200639
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	12/02/2022 3:42	200639
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	12/02/2022 3:42	200639
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	12/02/2022 3:42	200639
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	12/02/2022 3:42	200639
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**94.4**	%REC	1	12/02/2022 3:42	200639
Surr: 4-Bromofluorobenzene	*	0	80-120		**100.5**	%REC	1	12/02/2022 3:42	200639
Surr: Dibromofluoromethane	*	0	80-120		**102.7**	%REC	1	12/02/2022 3:42	200639
Surr: Toluene-d8	*	0	80-120		**93.0**	%REC	1	12/02/2022 3:42	200639

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

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 22111766
Client Project: Ameren Taylorville 4th Qtr 2022
Report Date: 08-Dec-22
Lab ID: 22111766-023
Client Sample ID: Trip Blank 2
Matrix: GROUNDWATER
Collection Date: 11/30/2022 14:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	12/01/2022 16:16	200616
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	12/01/2022 16:16	200616
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	12/01/2022 16:16	200616
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	12/01/2022 16:16	200616
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	12/01/2022 16:16	200616
Naphthalene	NELAP	0.32	2.0	J	**0.78**	µg/L	1	12/01/2022 16:16	200616
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	12/01/2022 16:16	200616
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	12/01/2022 16:16	200616
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	12/01/2022 16:16	200616
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	12/01/2022 16:16	200616
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**95.2**	%REC	1	12/01/2022 16:16	200616
Surr: 4-Bromofluorobenzene	*	0	80-120		**100.7**	%REC	1	12/01/2022 16:16	200616
Surr: Dibromofluoromethane	*	0	80-120		**103.0**	%REC	1	12/01/2022 16:16	200616
Surr: Toluene-d8	*	0	80-120		**93.3**	%REC	1	12/01/2022 16:16	200616

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 22111766
Client Project: Ameren Taylorville 4th Qtr 2022
Report Date: 08-Dec-22
Lab ID: 22111766-024
Client Sample ID: GW-2-DUP
Matrix: GROUNDWATER
Collection Date: 11/30/2022 11:15

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	12/07/2022 2:11	200712
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/07/2022 2:11	200712
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	12/07/2022 2:11	200712
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/07/2022 2:11	200712
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	12/07/2022 2:11	200712
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/07/2022 2:11	200712
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	12/07/2022 2:11	200712
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/07/2022 2:11	200712
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	12/07/2022 2:11	200712
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/07/2022 2:11	200712
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	12/07/2022 2:11	200712
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	12/07/2022 2:11	200712
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	12/07/2022 2:11	200712
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	12/07/2022 2:11	200712
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	12/07/2022 2:11	200712
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	12/07/2022 2:11	200712
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	12/07/2022 2:11	200712
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	12/07/2022 2:11	200712
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	12/07/2022 2:11	200712
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	12/07/2022 2:11	200712
Surr: 2,4,6-Tribromophenol	*	0	10-179		**96.7**	%REC	1	12/07/2022 2:11	200712
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**78.2**	%REC	1	12/07/2022 2:11	200712
Surr: 2-Fluorophenol	*	0	10-157		**76.7**	%REC	1	12/07/2022 2:11	200712
Surr: Nitrobenzene-d5	*	0	15-163		**76.6**	%REC	1	12/07/2022 2:11	200712
Surr: Phenol-d5	*	0	10-162		**64.8**	%REC	1	12/07/2022 2:11	200712
Surr: p-Terphenyl-d14	*	0	10-173		**118.8**	%REC	1	12/07/2022 2:11	200712
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	12/02/2022 4:07	200639
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	12/02/2022 4:07	200639
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	12/02/2022 4:07	200639
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	12/02/2022 4:07	200639
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	12/02/2022 4:07	200639
Naphthalene	NELAP	0.32	2.0	BJ	**0.46**	µg/L	1	12/02/2022 4:07	200639
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	12/02/2022 4:07	200639
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	12/02/2022 4:07	200639
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	12/02/2022 4:07	200639
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	12/02/2022 4:07	200639
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**95.9**	%REC	1	12/02/2022 4:07	200639
Surr: 4-Bromofluorobenzene	*	0	80-120		**100.4**	%REC	1	12/02/2022 4:07	200639
Surr: Dibromofluoromethane	*	0	80-120		**104.0**	%REC	1	12/02/2022 4:07	200639
Surr: Toluene-d8	*	0	80-120		**92.4**	%REC	1	12/02/2022 4:07	200639

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

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 22111766
Client Project: Ameren Taylorville 4th Qtr 2022
Report Date: 08-Dec-22
Lab ID: 22111766-025
Client Sample ID: GW-25
Matrix: GROUNDWATER
Collection Date: 11/28/2022 14:40

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	12/02/2022 23:08	200640
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/02/2022 23:08	200640
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	12/02/2022 23:08	200640
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/02/2022 23:08	200640
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	12/02/2022 23:08	200640
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/02/2022 23:08	200640
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	12/02/2022 23:08	200640
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/02/2022 23:08	200640
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	12/02/2022 23:08	200640
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/02/2022 23:08	200640
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	12/02/2022 23:08	200640
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	12/02/2022 23:08	200640
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	12/02/2022 23:08	200640
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	12/02/2022 23:08	200640
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	12/02/2022 23:08	200640
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	12/02/2022 23:08	200640
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	12/02/2022 23:08	200640
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	12/02/2022 23:08	200640
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	12/02/2022 23:08	200640
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	12/02/2022 23:08	200640
Surr: 2,4,6-Tribromophenol	*	0	10-179		**59.7**	%REC	1	12/02/2022 23:08	200640
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**49.2**	%REC	1	12/02/2022 23:08	200640
Surr: 2-Fluorophenol	*	0	10-157		**43.7**	%REC	1	12/02/2022 23:08	200640
Surr: Nitrobenzene-d5	*	0	15-163		**48.2**	%REC	1	12/02/2022 23:08	200640
Surr: Phenol-d5	*	0	10-162		**37.4**	%REC	1	12/02/2022 23:08	200640
Surr: p-Terphenyl-d14	*	0	10-173		**67.7**	%REC	1	12/02/2022 23:08	200640
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	12/02/2022 4:31	200639
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	12/02/2022 4:31	200639
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	12/02/2022 4:31	200639
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	12/02/2022 4:31	200639
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	12/02/2022 4:31	200639
Naphthalene	NELAP	0.32	2.0	BJ	**0.46**	µg/L	1	12/02/2022 4:31	200639
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	12/02/2022 4:31	200639
Toluene	NELAP	0.10	2.0	J	**0.40**	µg/L	1	12/02/2022 4:31	200639
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	12/02/2022 4:31	200639
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	12/02/2022 4:31	200639
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**95.9**	%REC	1	12/02/2022 4:31	200639
Surr: 4-Bromofluorobenzene	*	0	80-120		**100.7**	%REC	1	12/02/2022 4:31	200639
Surr: Dibromofluoromethane	*	0	80-120		**104.0**	%REC	1	12/02/2022 4:31	200639
Surr: Toluene-d8	*	0	80-120		**92.9**	%REC	1	12/02/2022 4:31	200639

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

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 22111766
Client Project: Ameren Taylorville 4th Qtr 2022
Report Date: 08-Dec-22
Lab ID: 22111766-026
Client Sample ID: GW-26
Matrix: GROUNDWATER
Collection Date: 11/28/2022 15:55

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/02/2022 23:48	200640
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/02/2022 23:48	200640
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	12/02/2022 23:48	200640
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/02/2022 23:48	200640
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	12/02/2022 23:48	200640
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	12/02/2022 23:48	200640
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	12/02/2022 23:48	200640
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/02/2022 23:48	200640
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	12/02/2022 23:48	200640
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	12/02/2022 23:48	200640
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	12/02/2022 23:48	200640
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	12/02/2022 23:48	200640
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	12/02/2022 23:48	200640
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	12/02/2022 23:48	200640
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	12/02/2022 23:48	200640
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	12/02/2022 23:48	200640
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	12/02/2022 23:48	200640
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	12/02/2022 23:48	200640
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	12/02/2022 23:48	200640
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	12/02/2022 23:48	200640
Surr: 2,4,6-Tribromophenol	*	0	10-179		**90.2**	%REC	1	12/02/2022 23:48	200640
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**87.0**	%REC	1	12/02/2022 23:48	200640
Surr: 2-Fluorophenol	*	0	10-157		**79.1**	%REC	1	12/02/2022 23:48	200640
Surr: Nitrobenzene-d5	*	0	15-163		**82.2**	%REC	1	12/02/2022 23:48	200640
Surr: Phenol-d5	*	0	10-162		**71.0**	%REC	1	12/02/2022 23:48	200640
Surr: p-Terphenyl-d14	*	0	10-173		**116.8**	%REC	1	12/02/2022 23:48	200640
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	12/02/2022 4:56	200639
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	12/02/2022 4:56	200639
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	12/02/2022 4:56	200639
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	12/02/2022 4:56	200639
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	12/02/2022 4:56	200639
Naphthalene	NELAP	0.32	2.00	B	**ND**	µg/L	1	12/02/2022 4:56	200639
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	12/02/2022 4:56	200639
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	12/02/2022 4:56	200639
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	12/02/2022 4:56	200639
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	12/02/2022 4:56	200639
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**96.9**	%REC	1	12/02/2022 4:56	200639
Surr: 4-Bromofluorobenzene	*	0	80-120		**100.7**	%REC	1	12/02/2022 4:56	200639
Surr: Dibromofluoromethane	*	0	80-120		**104.6**	%REC	1	12/02/2022 4:56	200639
Surr: Toluene-d8	*	0	80-120		**92.9**	%REC	1	12/02/2022 4:56	200639

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

Sample Summary

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 4th Qtr 2022

Work Order: 22111766

Report Date: 08-Dec-22

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
22111766-001	GW-01	Groundwater	2	11/29/2022 16:05
22111766-002	GW-02	Groundwater	2	11/30/2022 11:15
22111766-003	GW-03	Groundwater	2	11/30/2022 10:50
22111766-004	GW-04R	Groundwater	2	11/30/2022 9:50
22111766-005	GW-05	Groundwater	2	11/29/2022 13:30
22111766-006	GW-07	Groundwater	2	11/29/2022 15:00
22111766-007	GW-14	Groundwater	2	11/29/2022 17:20
22111766-008	GW-15	Groundwater	2	11/30/2022 9:25
22111766-009	GW-16S	Groundwater	2	11/28/2022 13:15
22111766-010	GW-16D	Groundwater	2	11/28/2022 13:00
22111766-011	GW-17	Groundwater	2	11/28/2022 14:20
22111766-012	GW-18S	Groundwater	2	11/29/2022 10:55
22111766-013	GW-18D	Groundwater	2	11/29/2022 10:30
22111766-014	GW-19S	Groundwater	2	11/29/2022 9:30
22111766-015	GW-19D	Groundwater	2	11/29/2022 9:10
22111766-016	GW-20	Groundwater	2	11/29/2022 7:55
22111766-017	GW-21	Groundwater	2	11/29/2022 11:40
22111766-018	GW-22S	Groundwater	2	11/29/2022 7:15
22111766-019	GW-22D	Groundwater	2	11/28/2022 16:55
22111766-020	GW-19S-DUP	Groundwater	2	11/29/2022 9:30
22111766-021	Field Blank 1	Groundwater	2	11/30/2022 9:35
22111766-022	Trip Blank 1	Groundwater	1	11/30/2022 14:30
22111766-023	Trip Blank 2	Groundwater	1	11/30/2022 14:30
22111766-024	GW-2-DUP	Groundwater	2	11/30/2022 11:15
22111766-025	GW-25	Groundwater	2	11/28/2022 14:40
22111766-026	GW-26	Groundwater	2	11/28/2022 15:55

Dates Report

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 4th Qtr 2022

Work Order: 22111766

Report Date: 08-Dec-22

Sample ID	Client Sample ID / Test Name	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
22111766-001A	GW-01	11/29/2022 16:05	11/30/2022 14:30		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/02/2022 8:53	12/02/2022 18:32
22111766-001B	GW-01	11/29/2022 16:05	11/30/2022 14:30		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/01/2022 13:25
22111766-002A	GW-02	11/30/2022 11:15	11/30/2022 14:30		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/06/2022 8:23	12/06/2022 20:55
22111766-002B	GW-02	11/30/2022 11:15	11/30/2022 14:30		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/01/2022 13:49
22111766-003A	GW-03	11/30/2022 10:50	11/30/2022 14:30		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/06/2022 8:23	12/06/2022 21:34
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/06/2022 8:23	12/07/2022 14:18
22111766-003B	GW-03	11/30/2022 10:50	11/30/2022 14:30		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/02/2022 13:44
22111766-004A	GW-04R	11/30/2022 9:50	11/30/2022 14:30		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/06/2022 8:23	12/07/2022 6:48
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/06/2022 8:23	12/07/2022 16:17
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/06/2022 8:23	12/07/2022 16:56
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/06/2022 8:23	12/08/2022 9:44
22111766-004B	GW-04R	11/30/2022 9:50	11/30/2022 14:30		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/01/2022 15:27
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/02/2022 15:21
22111766-005A	GW-05	11/29/2022 13:30	11/30/2022 14:30		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/02/2022 8:53	12/02/2022 19:11
22111766-005B	GW-05	11/29/2022 13:30	11/30/2022 14:30		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/01/2022 15:52
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/02/2022 15:46
22111766-006A	GW-07	11/29/2022 15:00	11/30/2022 14:30		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/05/2022 8:35	12/06/2022 11:40
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/05/2022 8:35	12/07/2022 12:05
22111766-006B	GW-07	11/29/2022 15:00	11/30/2022 14:30		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/02/2022 14:08
22111766-007A	GW-14	11/29/2022 17:20	11/30/2022 14:30		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/02/2022 8:53	12/02/2022 19:51
22111766-007B	GW-14	11/29/2022 17:20	11/30/2022 14:30		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/01/2022 16:41

Client: ERM **Work Order:** 22111766

Client Project: Ameren Taylorville 4th Qtr 2022 **Report Date:** 08-Dec-22

Sample ID	Client Sample ID / Test Name	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
22111766-008A	GW-15	11/30/2022 9:25	11/30/2022 14:30		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/06/2022 8:23	12/07/2022 0:52
22111766-008B	GW-15	11/30/2022 9:25	11/30/2022 14:30		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/01/2022 17:05
22111766-009A	GW-16S	11/28/2022 13:15	11/30/2022 14:30		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/02/2022 8:53	12/02/2022 21:10
22111766-009B	GW-16S	11/28/2022 13:15	11/30/2022 14:30		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/01/2022 17:30
22111766-010A	GW-16D	11/28/2022 13:00	11/30/2022 14:30		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/02/2022 8:53	12/02/2022 20:30
22111766-010B	GW-16D	11/28/2022 13:00	11/30/2022 14:30		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/01/2022 17:54
22111766-011A	GW-17	11/28/2022 14:20	11/30/2022 14:30		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/02/2022 8:53	12/02/2022 21:49
22111766-011B	GW-17	11/28/2022 14:20	11/30/2022 14:30		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/01/2022 18:19
22111766-012A	GW-18S	11/29/2022 10:55	11/30/2022 14:30		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/05/2022 8:35	12/06/2022 13:39
22111766-012B	GW-18S	11/29/2022 10:55	11/30/2022 14:30		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/01/2022 18:43
22111766-013A	GW-18D	11/29/2022 10:30	11/30/2022 14:30		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/05/2022 8:35	12/06/2022 22:14
22111766-013B	GW-18D	11/29/2022 10:30	11/30/2022 14:30		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/02/2022 16:10
22111766-014A	GW-19S	11/29/2022 9:30	11/30/2022 14:30		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/05/2022 8:35	12/06/2022 22:54
22111766-014B	GW-19S	11/29/2022 9:30	11/30/2022 14:30		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/02/2022 16:35
22111766-015A	GW-19D	11/29/2022 9:10	11/30/2022 14:30		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/05/2022 8:35	12/06/2022 15:38
22111766-015B	GW-19D	11/29/2022 9:10	11/30/2022 14:30		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/02/2022 0:50
22111766-016A	GW-20	11/29/2022 7:55	11/30/2022 14:30		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/05/2022 8:35	12/06/2022 16:18
22111766-016B	GW-20	11/29/2022 7:55	11/30/2022 14:30		

Dates Report

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 4th Qtr 2022

Work Order: 22111766

Report Date: 08-Dec-22

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/02/2022 1:15
22111766-017A	GW-21	11/29/2022 11:40	11/30/2022 14:30		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/05/2022 8:35	12/06/2022 16:57
22111766-017B	GW-21	11/29/2022 11:40	11/30/2022 14:30		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/02/2022 1:39
22111766-018A	GW-22S	11/29/2022 7:15	11/30/2022 14:30		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/05/2022 8:35	12/06/2022 17:37
22111766-018B	GW-22S	11/29/2022 7:15	11/30/2022 14:30		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/02/2022 2:04
22111766-019A	GW-22D	11/28/2022 16:55	11/30/2022 14:30		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/02/2022 8:53	12/02/2022 22:29
22111766-019B	GW-22D	11/28/2022 16:55	11/30/2022 14:30		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/02/2022 2:28
22111766-020A	GW-19S-DUP	11/29/2022 9:30	11/30/2022 14:30		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/05/2022 8:35	12/06/2022 18:16
22111766-020B	GW-19S-DUP	11/29/2022 9:30	11/30/2022 14:30		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/02/2022 2:53
22111766-021A	Field Blank 1	11/30/2022 9:35	11/30/2022 14:30		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/06/2022 8:23	12/07/2022 1:32
22111766-021B	Field Blank 1	11/30/2022 9:35	11/30/2022 14:30		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/02/2022 3:18
22111766-022A	Trip Blank 1	11/30/2022 14:30	11/30/2022 14:30		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/02/2022 3:42
22111766-023A	Trip Blank 2	11/30/2022 14:30	11/30/2022 14:30		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/01/2022 16:16
22111766-024A	GW-2-DUP	11/30/2022 11:15	11/30/2022 14:30		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/06/2022 8:23	12/07/2022 2:11
22111766-024B	GW-2-DUP	11/30/2022 11:15	11/30/2022 14:30		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/02/2022 4:07
22111766-025A	GW-25	11/28/2022 14:40	11/30/2022 14:30		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/02/2022 8:53	12/02/2022 23:08
22111766-025B	GW-25	11/28/2022 14:40	11/30/2022 14:30		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/02/2022 4:31
22111766-026A	GW-26	11/28/2022 15:55	11/30/2022 14:30		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			12/02/2022 8:53	12/02/2022 23:48

Dates Report

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Client: ERM

Client Project: Ameren Taylorville 4th Qtr 2022

Work Order: 22111766

Report Date: 08-Dec-22

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
22111766-026B	GW-26	11/28/2022 15:55	11/30/2022 14:30		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/02/2022 4:56

Client: ERM **Work Order:** 22111766

Client Project: Ameren Taylorville 4th Qtr 2022 **Report Date:** 08-Dec-22

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

Batch **200640** **SampType:** **MBLK** Units **mg/L**

SampID: MBLK-200640

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**ND**						12/02/2022
Acenaphthylene		0.000100		**ND**						12/02/2022
Anthracene		0.000300		**ND**						12/02/2022
Benzo(a)anthracene		0.000100		**ND**						12/02/2022
Benzo(a)pyrene		0.000200		**ND**						12/02/2022
Benzo(b)fluoranthene		0.000100		**ND**						12/02/2022
Benzo(g,h,i)perylene		0.000200		**ND**						12/02/2022
Benzo(k)fluoranthene		0.000100		**ND**						12/02/2022
Bis(2-ethylhexyl)phthalate		0.00600		**ND**						12/02/2022
Chrysene		0.000100		**ND**						12/02/2022
Dibenzo(a,h)anthracene		0.000200		**ND**						12/02/2022
Di-n-butyl phthalate		0.0100		**ND**						12/02/2022
Fluoranthene		0.000300		**ND**						12/02/2022
Fluorene		0.000200		**ND**						12/02/2022
Indeno(1,2,3-cd)pyrene		0.000200		**ND**						12/02/2022
m,p-Cresol		0.0100		**ND**						12/02/2022
Naphthalene		0.000400		**ND**						12/02/2022
o-Cresol		0.0100		**ND**						12/02/2022
Phenanthrene		0.000600		**ND**						12/02/2022
Pyrene		0.000200		**ND**						12/02/2022
Surr: 2,4,6-Tribromophenol	*			**0.00196**	0.0020		98.2	37.9	155	12/02/2022
Surr: 2-Fluorobiphenyl	*			**0.000839**	0.0010		83.9	43.5	108	12/02/2022
Surr: 2-Fluorophenol	*			**0.00168**	0.0020		84.1	43.4	114	12/02/2022
Surr: Nitrobenzene-d5	*			**0.000777**	0.0010		77.7	49.2	105	12/02/2022
Surr: Phenol-d5	*			**0.00146**	0.0020		72.8	38.9	105	12/02/2022
Surr: p-Terphenyl-d14	*			**0.00126**	0.0010		126.3	60.2	157	12/02/2022

Client: ERM **Work Order:** 22111766

Client Project: Ameren Taylorville 4th Qtr 2022 **Report Date:** 08-Dec-22

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

Batch **200640** **SampType:** **LCS** Units **mg/L**

SampID: LCS-200640

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**0.00161**	0.0020	0	80.5	37.4	125	12/02/2022
Acenaphthylene		0.000100		**0.00179**	0.0020	0	89.6	44	132	12/02/2022
Anthracene		0.000300		**0.00170**	0.0020	0	85.2	55.8	117	12/02/2022
Benzo(a)anthracene		0.000100		**0.00173**	0.0020	0	86.7	68	112	12/02/2022
Benzo(a)pyrene		0.000200		**0.00187**	0.0020	0	93.3	59.2	118	12/02/2022
Benzo(b)fluoranthene		0.000100		**0.00185**	0.0020	0	92.6	67.9	113	12/02/2022
Benzo(g,h,i)perylene		0.000200		**0.00187**	0.0020	0	93.3	33.6	173	12/02/2022
Benzo(k)fluoranthene		0.000100		**0.00174**	0.0020	0	87.0	73.3	133	12/02/2022
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0021**	0.0020	0	102.8	55.2	189	12/02/2022
Chrysene		0.000100		**0.00172**	0.0020	0	86.1	72.1	131	12/02/2022
Dibenzo(a,h)anthracene		0.000200		**0.00195**	0.0020	0	97.5	69.1	144	12/02/2022
Di-n-butyl phthalate		0.0100	J	**0.0019**	0.0020	0	95.5	52.8	148	12/02/2022
Fluoranthene		0.000300		**0.00191**	0.0020	0	95.6	73.5	122	12/02/2022
Fluorene		0.000200		**0.00172**	0.0020	0	86.2	46.5	124	12/02/2022
Indeno(1,2,3-cd)pyrene		0.000200		**0.00184**	0.0020	0	91.9	71.2	147	12/02/2022
m,p-Cresol		0.0100		**0.0150**	0.0200	0	74.8	55	96.3	12/02/2022
Naphthalene		0.000400		**0.00156**	0.0020	0	78.0	30.4	125	12/02/2022
o-Cresol		0.0100		**0.0147**	0.0200	0	73.6	58.1	92.8	12/02/2022
Phenanthrene		0.000600		**0.00180**	0.0020	0	90.0	63.7	118	12/02/2022
Pyrene		0.000200		**0.00186**	0.0020	0	93.2	69.5	126	12/02/2022
Surr: 2,4,6-Tribromophenol	*			**0.00196**	0.0020		98.0	37.9	155	12/02/2022
Surr: 2-Fluorobiphenyl	*			**0.000828**	0.0010		82.8	43.5	108	12/02/2022
Surr: 2-Fluorophenol	*			**0.00145**	0.0020		72.7	43.4	114	12/02/2022
Surr: Nitrobenzene-d5	*			**0.000777**	0.0010		77.7	49.2	105	12/02/2022
Surr: Phenol-d5	*			**0.00140**	0.0020		70.0	38.9	105	12/02/2022
Surr: p-Terphenyl-d14	*			**0.00116**	0.0010		115.5	60.2	157	12/02/2022

Client: ERM **Work Order:** 22111766

Client Project: Ameren Taylorville 4th Qtr 2022 **Report Date:** 08-Dec-22

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

Batch **200640** **SampType:** **LCSD** Units **mg/L** RPD Limit: **40**

SampID: LCSD-200640

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		**0.00163**	0.0020	0	81.6	0.001609	1.35	12/02/2022
Acenaphthylene		0.000100		**0.00185**	0.0020	0	92.3	0.001791	3.01	12/02/2022
Anthracene		0.000300		**0.00171**	0.0020	0	85.4	0.001703	0.32	12/02/2022
Benzo(a)anthracene		0.000100		**0.00175**	0.0020	0	87.6	0.001734	0.96	12/02/2022
Benzo(a)pyrene		0.000200		**0.00188**	0.0020	0	93.8	0.001865	0.55	12/02/2022
Benzo(b)fluoranthene		0.000100		**0.00187**	0.0020	0	93.6	0.001852	1.07	12/02/2022
Benzo(g,h,i)perylene		0.000200		**0.00189**	0.0020	0	94.5	0.001866	1.23	12/02/2022
Benzo(k)fluoranthene		0.000100		**0.00177**	0.0020	0	88.5	0.001740	1.75	12/02/2022
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0020**	0.0020	0	98.9	0.002055	0.00	12/02/2022
Chrysene		0.000100		**0.00171**	0.0020	0	85.5	0.001722	0.65	12/02/2022
Dibenzo(a,h)anthracene		0.000200		**0.00194**	0.0020	0	97.0	0.001951	0.54	12/02/2022
Di-n-butyl phthalate		0.0100	J	**0.0019**	0.0020	0	96.8	0.001910	0.00	12/02/2022
Fluoranthene		0.000300		**0.00191**	0.0020	0	95.6	0.001912	0.01	12/02/2022
Fluorene		0.000200		**0.00174**	0.0020	0	86.8	0.001724	0.68	12/02/2022
Indeno(1,2,3-cd)pyrene		0.000200		**0.00184**	0.0020	0	92.0	0.001838	0.04	12/02/2022
m,p-Cresol		0.0100		**0.0153**	0.0200	0	76.5	0.01495	2.34	12/02/2022
Naphthalene		0.000400		**0.00164**	0.0020	0	82.1	0.001559	5.19	12/02/2022
o-Cresol		0.0100		**0.0152**	0.0200	0	76.0	0.01473	3.12	12/02/2022
Phenanthrene		0.000600		**0.00176**	0.0020	0	87.9	0.001800	2.37	12/02/2022
Pyrene		0.000200		**0.00189**	0.0020	0	94.4	0.001864	1.24	12/02/2022
Surr: 2,4,6-Tribromophenol	*			**0.00204**	0.0020		102.2			12/02/2022
Surr: 2-Fluorobiphenyl	*			**0.000915**	0.0010		91.5			12/02/2022
Surr: 2-Fluorophenol	*			**0.00157**	0.0020		78.7			12/02/2022
Surr: Nitrobenzene-d5	*			**0.000824**	0.0010		82.4			12/02/2022
Surr: Phenol-d5	*			**0.00145**	0.0020		72.6			12/02/2022
Surr: p-Terphenyl-d14	*			**0.00115**	0.0010		115.2			12/02/2022

Client: ERM **Work Order:** 22111766

Client Project: Ameren Taylorville 4th Qtr 2022 **Report Date:** 08-Dec-22

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

Batch **200712** **SampType:** **MBLK** Units **mg/L**

SampID: MBLK-200712

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**ND**						12/06/2022
Acenaphthylene		0.000100		**ND**						12/06/2022
Anthracene		0.000300		**ND**						12/06/2022
Benzo(a)anthracene		0.000100		**ND**						12/06/2022
Benzo(a)pyrene		0.000200		**ND**						12/06/2022
Benzo(b)fluoranthene		0.000100		**ND**						12/06/2022
Benzo(g,h,i)perylene		0.000200		**ND**						12/06/2022
Benzo(k)fluoranthene		0.000100		**ND**						12/06/2022
Bis(2-ethylhexyl)phthalate		0.00600		**ND**						12/06/2022
Chrysene		0.000100		**ND**						12/06/2022
Dibenzo(a,h)anthracene		0.000200		**ND**						12/06/2022
Di-n-butyl phthalate		0.0100		**ND**						12/06/2022
Fluoranthene		0.000300		**ND**						12/06/2022
Fluorene		0.000200		**ND**						12/06/2022
Indeno(1,2,3-cd)pyrene		0.000200		**ND**						12/06/2022
m,p-Cresol		0.0100		**ND**						12/06/2022
Naphthalene		0.000400		**ND**						12/06/2022
o-Cresol		0.0100		**ND**						12/06/2022
Phenanthrene		0.000600		**ND**						12/06/2022
Pyrene		0.000200		**ND**						12/06/2022
Surr: 2,4,6-Tribromophenol	*			**0.00177**	0.0020		88.5	37.9	155	12/06/2022
Surr: 2-Fluorobiphenyl	*			**0.000822**	0.0010		82.2	43.5	108	12/06/2022
Surr: 2-Fluorophenol	*			**0.00155**	0.0020		77.7	43.4	114	12/06/2022
Surr: Nitrobenzene-d5	*			**0.000778**	0.0010		77.8	49.2	105	12/06/2022
Surr: Phenol-d5	*			**0.00137**	0.0020		68.6	38.9	105	12/06/2022
Surr: p-Terphenyl-d14	*			**0.00122**	0.0010		121.9	60.2	157	12/06/2022

Client: ERM **Work Order:** 22111766

Client Project: Ameren Taylorville 4th Qtr 2022 **Report Date:** 08-Dec-22

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

Batch **200712** **SampType:** **LCS** Units **mg/L**

SampID: LCS-200712

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**0.00177**	0.0020	0	88.4	37.4	125	12/06/2022
Acenaphthylene		0.000100		**0.00198**	0.0020	0	98.9	44	132	12/06/2022
Anthracene		0.000300		**0.00189**	0.0020	0	94.7	55.8	117	12/06/2022
Benzo(a)anthracene		0.000100		**0.00196**	0.0020	0	98.2	68	112	12/06/2022
Benzo(a)pyrene		0.000200		**0.00208**	0.0020	0	104.2	59.2	118	12/06/2022
Benzo(b)fluoranthene		0.000100		**0.00209**	0.0020	0	104.3	67.9	113	12/06/2022
Benzo(g,h,i)perylene		0.000200		**0.00212**	0.0020	0	105.8	33.6	173	12/06/2022
Benzo(k)fluoranthene		0.000100		**0.00201**	0.0020	0	100.5	73.3	133	12/06/2022
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0025**	0.0020	0	126.1	55.2	189	12/06/2022
Chrysene		0.000100		**0.00196**	0.0020	0	97.9	72.1	131	12/06/2022
Dibenzo(a,h)anthracene		0.000200		**0.00218**	0.0020	0	109.2	69.1	144	12/06/2022
Di-n-butyl phthalate		0.0100	J	**0.0022**	0.0020	0	111.0	52.8	148	12/06/2022
Fluoranthene		0.000300		**0.00214**	0.0020	0	106.9	73.5	122	12/06/2022
Fluorene		0.000200		**0.00187**	0.0020	0	93.5	46.5	124	12/06/2022
Indeno(1,2,3-cd)pyrene		0.000200		**0.00206**	0.0020	0	102.8	71.2	147	12/06/2022
m,p-Cresol		0.0100		**0.0166**	0.0200	0	82.8	55	96.3	12/06/2022
Naphthalene		0.000400		**0.00173**	0.0020	0	86.6	30.4	125	12/06/2022
o-Cresol		0.0100		**0.0165**	0.0200	0	82.6	58.1	92.8	12/06/2022
Phenanthrene		0.000600		**0.00206**	0.0020	0	102.8	63.7	118	12/06/2022
Pyrene		0.000200		**0.00210**	0.0020	0	104.8	69.5	126	12/06/2022
Surr: 2,4,6-Tribromophenol	*			**0.00189**	0.0020		94.5	37.9	155	12/06/2022
Surr: 2-Fluorobiphenyl	*			**0.000838**	0.0010		83.8	43.5	108	12/06/2022
Surr: 2-Fluorophenol	*			**0.00151**	0.0020		75.6	43.4	114	12/06/2022
Surr: Nitrobenzene-d5	*			**0.000777**	0.0010		77.7	49.2	105	12/06/2022
Surr: Phenol-d5	*			**0.00146**	0.0020		73.1	38.9	105	12/06/2022
Surr: p-Terphenyl-d14	*			**0.00116**	0.0010		115.8	60.2	157	12/06/2022

Client: ERM **Work Order:** 22111766

Client Project: Ameren Taylorville 4th Qtr 2022 **Report Date:** 08-Dec-22

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

Batch **200712** **SampType:** **LCSD** Units **mg/L** RPD Limit: **40**

SampID: LCSD-200712

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		**0.00174**	0.0020	0	87.0	0.001767	1.59	12/06/2022
Acenaphthylene		0.000100		**0.00197**	0.0020	0	98.6	0.001979	0.35	12/06/2022
Anthracene		0.000300		**0.00181**	0.0020	0	90.4	0.001893	4.55	12/06/2022
Benzo(a)anthracene		0.000100		**0.00184**	0.0020	0	91.9	0.001965	6.72	12/06/2022
Benzo(a)pyrene		0.000200		**0.00202**	0.0020	0	100.8	0.002084	3.29	12/06/2022
Benzo(b)fluoranthene		0.000100		**0.00196**	0.0020	0	97.9	0.002086	6.28	12/06/2022
Benzo(g,h,i)perylene		0.000200		**0.00201**	0.0020	0	100.6	0.002117	5.04	12/06/2022
Benzo(k)fluoranthene		0.000100		**0.00191**	0.0020	0	95.5	0.002010	5.06	12/06/2022
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0021**	0.0020	0	104.9	0.002523	0.00	12/06/2022
Chrysene		0.000100		**0.00180**	0.0020	0	90.0	0.001958	8.45	12/06/2022
Dibenzo(a,h)anthracene		0.000200		**0.00209**	0.0020	0	104.7	0.002184	4.21	12/06/2022
Di-n-butyl phthalate		0.0100	J	**0.0021**	0.0020	0	105.0	0.002219	0.00	12/06/2022
Fluoranthene		0.000300		**0.00207**	0.0020	0	103.5	0.002138	3.27	12/06/2022
Fluorene		0.000200		**0.00185**	0.0020	0	92.6	0.001871	1.06	12/06/2022
Indeno(1,2,3-cd)pyrene		0.000200		**0.00195**	0.0020	0	97.3	0.002057	5.53	12/06/2022
m,p-Cresol		0.0100		**0.0161**	0.0200	0	80.3	0.01656	3.05	12/06/2022
Naphthalene		0.000400		**0.00170**	0.0020	0	84.8	0.001732	2.14	12/06/2022
o-Cresol		0.0100		**0.0162**	0.0200	0	80.9	0.01652	2.14	12/06/2022
Phenanthrene		0.000600		**0.00200**	0.0020	0	100.0	0.002056	2.79	12/06/2022
Pyrene		0.000200		**0.00201**	0.0020	0	100.5	0.002096	4.23	12/06/2022
Surr: 2,4,6-Tribromophenol	*			**0.00204**	0.0020		102.2			12/06/2022
Surr: 2-Fluorobiphenyl	*			**0.000892**	0.0010		89.2			12/06/2022
Surr: 2-Fluorophenol	*			**0.00160**	0.0020		80.0			12/06/2022
Surr: Nitrobenzene-d5	*			**0.000813**	0.0010		81.3			12/06/2022
Surr: Phenol-d5	*			**0.00150**	0.0020		75.1			12/06/2022
Surr: p-Terphenyl-d14	*			**0.00119**	0.0010		119.2			12/06/2022

Client: ERM **Work Order:** 22111766

Client Project: Ameren Taylorville 4th Qtr 2022 **Report Date:** 08-Dec-22

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

Batch **200712** **SampType:** **MS** Units **mg/L**

SampID: 22111766-003AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**0.00186**	0.0020	0.0002073	82.8	28.3	133	12/06/2022
Acenaphthylene		0.000100		**0.00277**	0.0020	0.0009299	91.9	5	176	12/06/2022
Anthracene		0.000300		**0.00179**	0.0020	0	89.7	34.6	131	12/06/2022
Benzo(a)anthracene		0.000100		**0.00177**	0.0020	0	88.5	40.3	132	12/06/2022
Benzo(a)pyrene		0.000200		**0.00199**	0.0020	0	99.6	40.8	132	12/06/2022
Benzo(b)fluoranthene		0.000100		**0.00197**	0.0020	0	98.7	41.9	132	12/06/2022
Benzo(g,h,i)perylene		0.000200		**0.00196**	0.0020	0	98.0	46	132	12/06/2022
Benzo(k)fluoranthene		0.000100		**0.00180**	0.0020	0	89.9	49.4	126	12/06/2022
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0025**	0.0020	0	123.1	18.4	222	12/06/2022
Chrysene		0.000100		**0.00176**	0.0020	0	88.2	46.1	129	12/06/2022
Dibenzo(a,h)anthracene		0.000200		**0.00204**	0.0020	0	102.1	42.1	146	12/06/2022
Di-n-butyl phthalate		0.0100	J	**0.0020**	0.0020	0	97.5	59.6	146	12/06/2022
Fluoranthene		0.000300		**0.00195**	0.0020	0	97.6	23.9	164	12/06/2022
Fluorene		0.000200		**0.00259**	0.0020	0.0008510	87.0	24.3	148	12/06/2022
Indeno(1,2,3-cd)pyrene		0.000200		**0.00195**	0.0020	0	97.3	26.6	157	12/06/2022
m,p-Cresol		0.0100		**0.0157**	0.0200	0	78.7	5	156	12/06/2022
Naphthalene		0.00400		**0.0117**	0.0020	0.01118	28.4	24.2	132	12/07/2022
o-Cresol		0.0100		**0.0151**	0.0200	0	75.3	38	113	12/06/2022
Phenanthrene		0.000600		**0.00210**	0.0020	0	105.0	36.6	139	12/06/2022
Pyrene		0.000200		**0.00194**	0.0020	0	97.0	14.6	169	12/06/2022
Surr: 2,4,6-Tribromophenol	*			**0.00222**	0.0020		111.0	10	179	12/06/2022
Surr: 2-Fluorobiphenyl	*			**0.000886**	0.0010		88.6	21.4	142	12/06/2022
Surr: 2-Fluorophenol	*			**0.00157**	0.0020		78.7	10	157	12/06/2022
Surr: Nitrobenzene-d5	*			**0.000824**	0.0010		82.4	15	163	12/06/2022
Surr: Phenol-d5	*			**0.00148**	0.0020		73.9	10	162	12/06/2022
Surr: p-Terphenyl-d14	*			**0.00125**	0.0010		125.4	10	173	12/06/2022

Client: ERM **Work Order:** 22111766

Client Project: Ameren Taylorville 4th Qtr 2022 **Report Date:** 08-Dec-22

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

Batch **200712** **SampType:** **MSD** Units **mg/L** RPD Limit: **40**

SampID: 22111766-003AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		**0.00154**	0.0020	0.0002073	66.5	0.001863	19.18	12/07/2022
Acenaphthylene		0.000100		**0.00273**	0.0020	0.0009299	89.9	0.002767	1.40	12/07/2022
Anthracene		0.000300		**0.00125**	0.0020	0	62.3	0.001795	36.06	12/07/2022
Benzo(a)anthracene		0.000100		**0.00178**	0.0020	0	89.0	0.001770	0.57	12/07/2022
Benzo(a)pyrene		0.000200		**0.00187**	0.0020	0	93.6	0.001991	6.14	12/07/2022
Benzo(b)fluoranthene		0.000100		**0.00192**	0.0020	0	96.0	0.001974	2.85	12/07/2022
Benzo(g,h,i)perylene		0.000200		**0.00191**	0.0020	0	95.4	0.001961	2.72	12/07/2022
Benzo(k)fluoranthene		0.000100		**0.00177**	0.0020	0	88.7	0.001799	1.43	12/07/2022
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0023**	0.0020	0	113.1	0.002461	0.00	12/07/2022
Chrysene		0.000100		**0.00175**	0.0020	0	87.6	0.001763	0.57	12/07/2022
Dibenzo(a,h)anthracene		0.000200		**0.00200**	0.0020	0	100.1	0.002042	1.93	12/07/2022
Di-n-butyl phthalate		0.0100	J	**0.0019**	0.0020	0	96.0	0.001949	0.00	12/07/2022
Fluoranthene		0.000300		**0.00194**	0.0020	0	97.0	0.001952	0.57	12/07/2022
Fluorene		0.000200		**0.00265**	0.0020	0.0008510	89.9	0.002592	2.16	12/07/2022
Indeno(1,2,3-cd)pyrene		0.000200		**0.00191**	0.0020	0	95.5	0.001947	1.95	12/07/2022
m,p-Cresol		0.0100		**0.0156**	0.0200	0	77.8	0.01574	1.12	12/07/2022
Naphthalene		0.00400	S	**0.0114**	0.0020	0.01118	9.9	0.01174	3.21	12/07/2022
o-Cresol		0.0100		**0.0152**	0.0200	0	75.8	0.01507	0.56	12/07/2022
Phenanthrene		0.000600		**0.00209**	0.0020	0	104.3	0.002100	0.68	12/07/2022
Pyrene		0.000200		**0.00178**	0.0020	0	89.2	0.001940	8.36	12/07/2022
Surr: 2,4,6-Tribromophenol	*			**0.00193**	0.0020		96.7			12/07/2022
Surr: 2-Fluorobiphenyl	*			**0.000810**	0.0010		81.0			12/07/2022
Surr: 2-Fluorophenol	*			**0.00143**	0.0020		71.3			12/07/2022
Surr: Nitrobenzene-d5	*			**0.000780**	0.0010		78.0			12/07/2022
Surr: Phenol-d5	*			**0.00141**	0.0020		70.7			12/07/2022
Surr: p-Terphenyl-d14	*			**0.00110**	0.0010		109.7			12/07/2022

Client: ERM **Work Order:** 22111766

Client Project: Ameren Taylorville 4th Qtr 2022 **Report Date:** 08-Dec-22

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

Batch **200712** **SampType:** **MS** Units **mg/L**

SampID: 22111766-006AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**0.00168**	0.0020	0.0001203	78.1	28.3	133	12/06/2022
Acenaphthylene		0.000100		**0.00195**	0.0020	0.0001793	88.4	5	176	12/06/2022
Anthracene		0.000300		**0.00297**	0.0020	0.001438	76.7	34.6	131	12/06/2022
Benzo(a)anthracene		0.000100		**0.00190**	0.0020	0.0002008	85.1	40.3	132	12/06/2022
Benzo(a)pyrene		0.000200		**0.00190**	0.0020	0	95.0	40.8	132	12/06/2022
Benzo(b)fluoranthene		0.000100		**0.00189**	0.0020	0	94.4	41.9	132	12/06/2022
Benzo(g,h,i)perylene		0.000200		**0.00189**	0.0020	0	94.6	46	132	12/06/2022
Benzo(k)fluoranthene		0.000100		**0.00176**	0.0020	0	87.9	49.4	126	12/06/2022
Bis(2-ethylhexyl)phthalate		0.0120	J	**0.0069**	0.0020	0.005776	54.4	18.4	222	12/07/2022
Chrysene		0.000100		**0.00185**	0.0020	0.0001570	84.6	46.1	129	12/06/2022
Dibenzo(a,h)anthracene		0.000200		**0.00197**	0.0020	0	98.4	42.1	146	12/06/2022
Di-n-butyl phthalate		0.0100	J	**0.0019**	0.0020	0	97.0	59.6	146	12/06/2022
Fluoranthene		0.000300		**0.00324**	0.0020	0.001535	85.1	23.9	164	12/06/2022
Fluorene		0.000200		**0.00200**	0.0020	0.0003661	81.5	24.3	148	12/06/2022
Indeno(1,2,3-cd)pyrene		0.000200		**0.00191**	0.0020	0	95.7	26.6	157	12/06/2022
m,p-Cresol		0.0100		**0.0148**	0.0200	0	73.8	5	156	12/06/2022
Naphthalene		0.000400		**0.00160**	0.0020	0	79.9	24.2	132	12/06/2022
o-Cresol		0.0100		**0.0148**	0.0200	0	73.8	38	113	12/06/2022
Phenanthrene		0.000600		**0.00180**	0.0020	0	90.1	36.6	139	12/06/2022
Pyrene		0.000200		**0.00410**	0.0020	0.002811	64.4	14.6	169	12/06/2022
Surr: 2,4,6-Tribromophenol	*			**0.00265**	0.0020		132.5	10	179	12/06/2022
Surr: 2-Fluorobiphenyl	*			**0.000811**	0.0010		81.1	21.4	142	12/06/2022
Surr: 2-Fluorophenol	*			**0.00134**	0.0020		66.9	10	157	12/06/2022
Surr: Nitrobenzene-d5	*			**0.000734**	0.0010		73.4	15	163	12/06/2022
Surr: Phenol-d5	*			**0.00122**	0.0020		60.9	10	162	12/06/2022
Surr: p-Terphenyl-d14	*			**0.00130**	0.0010		130.1	10	173	12/06/2022

Client: ERM **Work Order:** 22111766

Client Project: Ameren Taylorville 4th Qtr 2022 **Report Date:** 08-Dec-22

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

Batch **200712** **SampType:** **MSD** Units **mg/L** RPD Limit: **40**

SampID: 22111766-006AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		**0.00175**	0.0020	0.0001203	81.5	0.001683	3.98	12/06/2022
Acenaphthylene		0.000100		**0.00204**	0.0020	0.0001793	93.0	0.001947	4.59	12/06/2022
Anthracene		0.000300		**0.00330**	0.0020	0.001438	93.0	0.002972	10.39	12/06/2022
Benzo(a)anthracene		0.000100		**0.00197**	0.0020	0.0002008	88.3	0.001902	3.30	12/06/2022
Benzo(a)pyrene		0.000200		**0.00196**	0.0020	0	97.8	0.001901	2.91	12/06/2022
Benzo(b)fluoranthene		0.000100		**0.00192**	0.0020	0	96.2	0.001887	1.89	12/06/2022
Benzo(g,h,i)perylene		0.000200		**0.00196**	0.0020	0	97.8	0.001892	3.32	12/06/2022
Benzo(k)fluoranthene		0.000100		**0.00186**	0.0020	0	93.2	0.001758	5.86	12/06/2022
Bis(2-ethylhexyl)phthalate		0.0120	J	**0.0066**	0.0020	0.005776	43.3	0.006865	0.00	12/07/2022
Chrysene		0.000100		**0.00187**	0.0020	0.0001570	85.5	0.001850	0.88	12/06/2022
Dibenzo(a,h)anthracene		0.000200		**0.00203**	0.0020	0	101.3	0.001968	2.88	12/06/2022
Di-n-butyl phthalate		0.0100	J	**0.0021**	0.0020	0	104.7	0.001939	0.00	12/06/2022
Fluoranthene		0.000300		**0.00349**	0.0020	0.001535	97.6	0.003237	7.46	12/06/2022
Fluorene		0.000200		**0.00209**	0.0020	0.0003661	86.2	0.001995	4.68	12/06/2022
Indeno(1,2,3-cd)pyrene		0.000200		**0.00191**	0.0020	0	95.4	0.001914	0.29	12/06/2022
m,p-Cresol		0.0100		**0.0156**	0.0200	0	78.2	0.01476	5.82	12/06/2022
Naphthalene		0.000400		**0.00163**	0.0020	0	81.5	0.001599	1.98	12/06/2022
o-Cresol		0.0100		**0.0158**	0.0200	0	78.8	0.01476	6.52	12/06/2022
Phenanthrene		0.000600		**0.00201**	0.0020	0	100.6	0.001802	11.06	12/06/2022
Pyrene		0.000200		**0.00470**	0.0020	0.002811	94.2	0.004098	13.58	12/06/2022
Surr: 2,4,6-Tribromophenol	*			**0.00221**	0.0020		110.4			12/06/2022
Surr: 2-Fluorobiphenyl	*			**0.000861**	0.0010		86.1			12/06/2022
Surr: 2-Fluorophenol	*			**0.00153**	0.0020		76.4			12/06/2022
Surr: Nitrobenzene-d5	*			**0.000797**	0.0010		79.7			12/06/2022
Surr: Phenol-d5	*			**0.00145**	0.0020		72.5			12/06/2022
Surr: p-Terphenyl-d14	*			**0.00116**	0.0010		116.3			12/06/2022

Client: ERM **Work Order:** 22111766

Client Project: Ameren Taylorville 4th Qtr 2022 **Report Date:** 08-Dec-22

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

Batch 200616 **SampType:** MBLK Units µg/L

SampID: MBLK-AM221201A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**ND**						12/01/2022
Bromoform	*	2.0		**ND**						12/01/2022
Ethylbenzene	*	2.0		**ND**						12/01/2022
m,p-Xylenes	*	2.0		**ND**						12/01/2022
Methylene chloride	*	2.0		**ND**						12/01/2022
Naphthalene	*	5.0		**ND**						12/01/2022
o-Xylene	*	2.0		**ND**						12/01/2022
Toluene	*	2.0		**ND**						12/01/2022
trans-1,2-Dichloroethene	*	2.0		**ND**						12/01/2022
Xylenes, Total	*	4.0		**ND**						12/01/2022
Surr: 1,2-Dichloroethane-d4	*			**47.8**	50.00		95.6	80	120	12/01/2022
Surr: 4-Bromofluorobenzene	*			**50.2**	50.00		100.3	80	120	12/01/2022
Surr: Dibromofluoromethane	*			**50.8**	50.00		101.7	80	120	12/01/2022
Surr: Toluene-d8	*			**47.4**	50.00		94.7	80	120	12/01/2022

Batch 200616 **SampType:** LCS Units µg/L

SampID: LCS-AM221201A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**59.4**	50.00	0	118.7	78.5	119	12/01/2022
Bromoform	*	2.0		**51.8**	50.00	0	103.7	78.9	121	12/01/2022
Ethylbenzene	*	2.0		**53.5**	50.00	0	106.9	78.2	114	12/01/2022
m,p-Xylenes	*	2.0		**105**	100.0	0	105.4	77.2	116	12/01/2022
Methylene chloride	*	2.0		**56.9**	50.00	0	113.7	71.8	115	12/01/2022
Naphthalene	*	5.0		**51.8**	50.00	0	103.5	75.6	121	12/01/2022
o-Xylene	*	2.0		**53.1**	50.00	0	106.2	79.2	112	12/01/2022
Toluene	*	2.0		**52.7**	50.00	0	105.3	78.6	112	12/01/2022
trans-1,2-Dichloroethene	*	2.0		**59.4**	50.00	0	118.8	75.7	130	12/01/2022
Xylenes, Total	*	4.0		**159**	150.0	0	105.7	78.3	114	12/01/2022
Surr: 1,2-Dichloroethane-d4	*			**47.1**	50.00		94.2	80	120	12/01/2022
Surr: 4-Bromofluorobenzene	*			**49.1**	50.00		98.2	80	120	12/01/2022
Surr: Dibromofluoromethane	*			**50.7**	50.00		101.4	80	120	12/01/2022
Surr: Toluene-d8	*			**47.4**	50.00		94.7	80	120	12/01/2022

Client: ERM **Work Order:** 22111766

Client Project: Ameren Taylorville 4th Qtr 2022 **Report Date:** 08-Dec-22

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

Batch **200616** **SampType:** **LCSD** Units **µg/L** RPD Limit: **15.9**

SampID: LCSD-AM221201A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	*	0.5		**55.0**	50.00	0	110.0	59.35	7.64	12/01/2022
Bromoform	*	2.0		**50.8**	50.00	0	101.7	51.83	1.95	12/01/2022
Ethylbenzene	*	2.0		**50.0**	50.00	0	100.1	53.46	6.63	12/01/2022
m,p-Xylenes	*	2.0		**98.7**	100.0	0	98.7	105.4	6.59	12/01/2022
Methylene chloride	*	2.0		**53.5**	50.00	0	107.0	56.86	6.07	12/01/2022
Naphthalene	*	5.0		**49.9**	50.00	0	99.7	51.76	3.72	12/01/2022
o-Xylene	*	2.0		**50.6**	50.00	0	101.2	53.10	4.86	12/01/2022
Toluene	*	2.0		**49.4**	50.00	0	98.7	52.67	6.49	12/01/2022
trans-1,2-Dichloroethene	*	2.0		**54.5**	50.00	0	109.1	59.38	8.50	12/01/2022
Xylenes, Total	*	4.0		**149**	150.0	0	99.5	158.5	6.01	12/01/2022
Surr: 1,2-Dichloroethane-d4	*			**46.5**	50.00		92.9			12/01/2022
Surr: 4-Bromofluorobenzene	*			**49.1**	50.00		98.2			12/01/2022
Surr: Dibromofluoromethane	*			**50.4**	50.00		100.7			12/01/2022
Surr: Toluene-d8	*			**47.6**	50.00		95.3			12/01/2022

Batch **200639** **SampType:** **MBLK** Units **µg/L**

SampID: MBLK-AM221201A-2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**ND**						12/01/2022
Bromoform	*	2.0		**ND**						12/01/2022
Ethylbenzene	*	2.0		**ND**						12/01/2022
m,p-Xylenes	*	2.0		**ND**						12/01/2022
Methylene chloride	*	2.0		**ND**						12/01/2022
Naphthalene	*	5.0	BJ	**0.6**						12/01/2022
o-Xylene	*	2.0		**ND**						12/01/2022
Toluene	*	2.0		**ND**						12/01/2022
trans-1,2-Dichloroethene	*	2.0		**ND**						12/01/2022
Xylenes, Total	*	4.0		**ND**						12/01/2022
Surr: 1,2-Dichloroethane-d4	*			**47.5**	50.00		95.0	80	120	12/01/2022
Surr: 4-Bromofluorobenzene	*			**50.0**	50.00		100.0	80	120	12/01/2022
Surr: Dibromofluoromethane	*			**51.3**	50.00		102.7	80	120	12/01/2022
Surr: Toluene-d8	*			**46.5**	50.00		93.1	80	120	12/01/2022

Client: ERM **Work Order:** 22111766

Client Project: Ameren Taylorville 4th Qtr 2022 **Report Date:** 08-Dec-22

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

Batch **200639** **SampType:** **LCS** Units **µg/L**

SampID: LCS-AM221201A-2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**56.4**	50.00	0	112.8	78.5	119	12/01/2022
Bromoform	*	2.0		**49.2**	50.00	0	98.5	78.9	121	12/01/2022
Ethylbenzene	*	2.0		**50.4**	50.00	0	100.8	78.2	114	12/01/2022
m,p-Xylenes	*	2.0		**99.2**	100.0	0	99.2	77.2	116	12/01/2022
Methylene chloride	*	2.0		**54.5**	50.00	0	109.1	71.8	115	12/01/2022
Naphthalene	*	5.0	B	**49.4**	50.00	0	98.8	75.6	121	12/01/2022
o-Xylene	*	2.0		**50.6**	50.00	0	101.2	79.2	112	12/01/2022
Toluene	*	2.0		**49.8**	50.00	0	99.6	78.6	112	12/01/2022
trans-1,2-Dichloroethene	*	2.0		**55.8**	50.00	0	111.6	75.7	130	12/01/2022
Xylenes, Total	*	4.0		**150**	150.0	0	99.9	78.3	114	12/01/2022
Surr: 1,2-Dichloroethane-d4	*			**46.1**	50.00		92.3	80	120	12/01/2022
Surr: 4-Bromofluorobenzene	*			**48.8**	50.00		97.7	80	120	12/01/2022
Surr: Dibromofluoromethane	*			**51.2**	50.00		102.3	80	120	12/01/2022
Surr: Toluene-d8	*			**47.3**	50.00		94.6	80	120	12/01/2022

Batch **200639** **SampType:** **LCSD** Units **µg/L** RPD Limit: **15.9**

SampID: LCSD-AM221201A-2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	*	0.5		**57.3**	50.00	0	114.6	56.38	1.58	12/01/2022
Bromoform	*	2.0		**50.0**	50.00	0	100.0	49.24	1.49	12/01/2022
Ethylbenzene	*	2.0		**50.8**	50.00	0	101.6	50.41	0.79	12/01/2022
m,p-Xylenes	*	2.0		**100**	100.0	0	100.4	99.16	1.20	12/01/2022
Methylene chloride	*	2.0		**54.9**	50.00	0	109.8	54.53	0.66	12/01/2022
Naphthalene	*	5.0	B	**50.9**	50.00	0	101.7	49.39	2.93	12/01/2022
o-Xylene	*	2.0		**51.1**	50.00	0	102.1	50.62	0.89	12/01/2022
Toluene	*	2.0		**50.2**	50.00	0	100.5	49.78	0.92	12/01/2022
trans-1,2-Dichloroethene	*	2.0		**57.3**	50.00	0	114.7	55.82	2.67	12/01/2022
Xylenes, Total	*	4.0		**151**	150.0	0	101.0	149.8	1.10	12/01/2022
Surr: 1,2-Dichloroethane-d4	*			**46.3**	50.00		92.7			12/01/2022
Surr: 4-Bromofluorobenzene	*			**49.1**	50.00		98.3			12/01/2022
Surr: Dibromofluoromethane	*			**50.8**	50.00		101.5			12/01/2022
Surr: Toluene-d8	*			**47.1**	50.00		94.1			12/01/2022

Client: ERM **Work Order:** 22111766

Client Project: Ameren Taylorville 4th Qtr 2022 **Report Date:** 08-Dec-22

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

Batch 200738 **SampType:** MBLK Units **µg/L**

SampID: MBLK-AM221202A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**ND**						12/02/2022
Bromoform	*	2.0		**ND**						12/02/2022
Ethylbenzene	*	2.0		**ND**						12/02/2022
m,p-Xylenes	*	2.0		**ND**						12/02/2022
Methylene chloride	*	2.0		**ND**						12/02/2022
Naphthalene	*	5.0		**ND**						12/02/2022
o-Xylene	*	2.0		**ND**						12/02/2022
Toluene	*	2.0		**ND**						12/02/2022
trans-1,2-Dichloroethene	*	2.0		**ND**						12/02/2022
Xylenes, Total	*	4.0		**ND**						12/02/2022
Surr: 1,2-Dichloroethane-d4	*			**47.7**	50.00		95.3	80	120	12/02/2022
Surr: 4-Bromofluorobenzene	*			**49.6**	50.00		99.3	80	120	12/02/2022
Surr: Dibromofluoromethane	*			**52.1**	50.00		104.2	80	120	12/02/2022
Surr: Toluene-d8	*			**46.1**	50.00		92.2	80	120	12/02/2022

Batch 200738 **SampType:** LCS Units **µg/L**

SampID: LCS-AM221202A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**51.3**	50.00	0	102.6	78.5	119	12/02/2022
Bromoform	*	2.0		**43.6**	50.00	0	87.2	78.9	121	12/02/2022
Ethylbenzene	*	2.0		**45.3**	50.00	0	90.7	78.2	114	12/02/2022
m,p-Xylenes	*	2.0		**90.0**	100.0	0	90.0	77.2	116	12/02/2022
Methylene chloride	*	2.0		**49.8**	50.00	0	99.5	71.8	115	12/02/2022
Naphthalene	*	5.0		**43.0**	50.00	0	86.0	75.6	121	12/02/2022
o-Xylene	*	2.0		**45.5**	50.00	0	91.0	79.2	112	12/02/2022
Toluene	*	2.0		**45.2**	50.00	0	90.4	78.6	112	12/02/2022
trans-1,2-Dichloroethene	*	2.0		**51.6**	50.00	0	103.3	75.7	130	12/02/2022
Xylenes, Total	*	4.0		**136**	150.0	0	90.4	78.3	114	12/02/2022
Surr: 1,2-Dichloroethane-d4	*			**45.7**	50.00		91.4	80	120	12/02/2022
Surr: 4-Bromofluorobenzene	*			**48.6**	50.00		97.2	80	120	12/02/2022
Surr: Dibromofluoromethane	*			**51.1**	50.00		102.2	80	120	12/02/2022
Surr: Toluene-d8	*			**46.9**	50.00		93.9	80	120	12/02/2022

Client: ERM **Work Order:** 22111766

Client Project: Ameren Taylorville 4th Qtr 2022 **Report Date:** 08-Dec-22

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

Batch **200738** **SampType:** **LCSD** Units **µg/L** RPD Limit: **15.9**

SampID: LCSD-AM221202A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	*	0.5		**57.3**	50.00	0	114.7	51.30	11.10	12/02/2022
Bromoform	*	2.0		**50.0**	50.00	0	99.9	43.58	13.64	12/02/2022
Ethylbenzene	*	2.0		**50.6**	50.00	0	101.2	45.33	10.99	12/02/2022
m,p-Xylenes	*	2.0		**100**	100.0	0	100.4	90.05	10.83	12/02/2022
Methylene chloride	*	2.0		**54.7**	50.00	0	109.4	49.76	9.42	12/02/2022
Naphthalene	*	5.0		**50.1**	50.00	0	100.1	42.98	15.22	12/02/2022
o-Xylene	*	2.0		**50.8**	50.00	0	101.6	45.52	10.94	12/02/2022
Toluene	*	2.0		**50.0**	50.00	0	100.1	45.19	10.17	12/02/2022
trans-1,2-Dichloroethene	*	2.0		**56.5**	50.00	0	113.0	51.63	8.97	12/02/2022
Xylenes, Total	*	4.0		**151**	150.0	0	100.8	135.6	10.87	12/02/2022
Surr: 1,2-Dichloroethane-d4	*			**45.5**	50.00		90.9			12/02/2022
Surr: 4-Bromofluorobenzene	*			**48.4**	50.00		96.9			12/02/2022
Surr: Dibromofluoromethane	*			**50.5**	50.00		101.0			12/02/2022
Surr: Toluene-d8	*			**47.0**	50.00		94.1			12/02/2022

Batch **200738** **SampType:** **MS** Units **µg/L**

SampID: 22111766-003BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene		0.50	S	**72.1**	50.00	2.460	139.3	72	120	12/02/2022
Ethylbenzene		1.00	S	**62.3**	50.00	0.4000	123.8	74.8	115	12/02/2022
m,p-Xylenes		1.00	S	**63.4**	50.00	0.3200	126.2	69.7	115	12/02/2022
o-Xylene		1.00	S	**62.9**	50.00	1.510	122.8	72.9	111	12/02/2022
Toluene		2.00	S	**63.1**	50.00	0.1400	126.0	70.6	109	12/02/2022
Xylenes, Total		2.00	S	**126**	100.0	1.830	124.5	72.1	113	12/02/2022
Surr: 1,2-Dichloroethane-d4	*			**48.8**	50.00		97.5	80	120	12/02/2022
Surr: 4-Bromofluorobenzene	*			**50.2**	50.00		100.3	80	120	12/02/2022
Surr: Dibromofluoromethane	*			**51.5**	50.00		103.0	80	120	12/02/2022
Surr: Toluene-d8	*			**45.9**	50.00		91.7	80	120	12/02/2022

Client: ERM **Work Order:** 22111766

Client Project: Ameren Taylorville 4th Qtr 2022 **Report Date:** 08-Dec-22

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

Batch **200738** **SampType:** **MSD** Units **µg/L** RPD Limit: **20**

SampID: 22111766-003BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene		0.50	S	**66.2**	50.00	2.460	127.4	72.11	8.62	12/02/2022
Ethylbenzene		1.00	S	**58.2**	50.00	0.4000	115.6	62.30	6.80	12/02/2022
m,p-Xylenes		1.00		**57.8**	50.00	0.3200	115.0	63.41	9.20	12/02/2022
o-Xylene		1.00	S	**58.0**	50.00	1.510	112.9	62.90	8.14	12/02/2022
Toluene		2.00	S	**57.9**	50.00	0.1400	115.6	63.12	8.57	12/02/2022
Xylenes, Total		2.00	S	**116**	100.0	1.830	114.0	126.3	8.67	12/02/2022
Surr: 1,2-Dichloroethane-d4	*			**47.9**	50.00		95.8			12/02/2022
Surr: 4-Bromofluorobenzene	*			**52.1**	50.00		104.1			12/02/2022
Surr: Dibromofluoromethane	*			**52.5**	50.00		105.1			12/02/2022
Surr: Toluene-d8	*			**45.9**	50.00		91.8			12/02/2022

Batch **200738** **SampType:** **MS** Units **µg/L**

SampID: 22111766-006BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene		0.50	S	**62.7**	50.00	0	125.3	72	120	12/02/2022
Ethylbenzene		1.00		**56.9**	50.00	0	113.7	74.8	115	12/02/2022
m,p-Xylenes		1.00	S	**57.6**	50.00	0	115.3	69.7	115	12/02/2022
o-Xylene		1.00	S	**56.3**	50.00	0	112.6	72.9	111	12/02/2022
Toluene		2.00	S	**57.2**	50.00	0	114.5	70.6	109	12/02/2022
Xylenes, Total		2.00	S	**114**	100.0	0	113.9	72.1	113	12/02/2022
Surr: 1,2-Dichloroethane-d4	*			**47.7**	50.00		95.4	80	120	12/02/2022
Surr: 4-Bromofluorobenzene	*			**50.1**	50.00		100.2	80	120	12/02/2022
Surr: Dibromofluoromethane	*			**51.2**	50.00		102.4	80	120	12/02/2022
Surr: Toluene-d8	*			**45.7**	50.00		91.4	80	120	12/02/2022

Client: ERM **Work Order:** 22111766

Client Project: Ameren Taylorville 4th Qtr 2022 **Report Date:** 08-Dec-22

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

Batch **200738** **SampType:** **MSD** Units **µg/L** RPD Limit: **20**

SampID: 22111766-006BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene		0.50		**58.3**	50.00	0	116.6	62.66	7.17	12/02/2022
Ethylbenzene		1.00		**54.0**	50.00	0	107.9	56.86	5.22	12/02/2022
m,p-Xylenes		1.00		**54.2**	50.00	0	108.5	57.63	6.08	12/02/2022
o-Xylene		1.00		**53.3**	50.00	0	106.6	56.31	5.53	12/02/2022
Toluene		2.00		**53.5**	50.00	0	107.0	57.24	6.75	12/02/2022
Xylenes, Total		2.00		**108**	100.0	0	107.5	113.9	5.81	12/02/2022
Surr: 1,2-Dichloroethane-d4	*			**48.2**	50.00		96.4			12/02/2022
Surr: 4-Bromofluorobenzene	*			**51.2**	50.00		102.4			12/02/2022
Surr: Dibromofluoromethane	*			**51.8**	50.00		103.6			12/02/2022
Surr: Toluene-d8	*			**45.9**	50.00		91.7			12/02/2022

Receiving Check List

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 4th Qtr 2022

Work Order: 22111766

Report Date: 08-Dec-22

Carrier: Michael Abegg

Received By: ANC

Completed by: Payton Yoch
On: 30-Nov-22

Reviewed by: Elizabeth A. Hurley
On: 30-Nov-22

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

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C 3.2
Type of thermal preservation?	None ☐	Ice ☑	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Reported field parameters measured:	Field ☐	Lab ☐	NA ☑	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐		

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

Water – at least one vial per sample has zero headspace?	Yes ☑	No ☐	No VOA vials ☐
Water - TOX containers have zero headspace?	Yes ☐	No ☐	No TOX containers ☑
Water - pH acceptable upon receipt?	Yes ☑	No ☐	NA ☐
NPDES/CWA TCN interferences checked/treated in the field?	Yes ☐	No ☐	NA ☑

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

Trip Blank collection date and time will be reported as the received date and time (end of trip). - ehurley - 11/30/2022 5:35:45 PM

CHAIN OF CUSTODY

pg. 1 of 3 Work order # 22111766

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

Client: ERM
Address: 68 Villa Grove
City / State / Zip Springfield, IL 62712
Contact: Matt Halley **Phone:** (217) 529-0914
E-Mail: matt.halley@erm.com **Fax:**

Samples on: ☑ ICE ☐ BLUE ICE ☐ NO ICE 3.2 °C LTG# 3
Preserved in: ☐ LAB ☐ FIELD **FOR LAB USE ONLY**
Lab Notes: ØHS

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

Client Comments
MS/MSD 1 COLLECTED AT GW-7
MS/MSD 2 COLLECTED AT GW-3

Project Name/Number	Sample Collector's Name
Ameren Taylorville 4th Qtr 2022	ABEGG / RICHARDS

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

Billing Instructions

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNP	HCl	MATRIX: Aqueous	Groundwater	Trip Blank	INDICATE ANALYSIS REQUESTED: PAHs	VOCs
22111766-001	GW-01	11/29/22; 1605	1	2		X		X	X
002	GW-02	11/30/22; 1115	1	2		X		X	X
003	GW-03	11/30/22; ~~1005~~ 1035	1	2		X		X	X
004	GW-04R	11/30/22; 0950	1	2		X		X	X
005	GW-05	11/29/22; 1330	1	2		X		X	X
006	GW-07	11/29/22; 1500	1	2		X		X	X
007	GW-14	11/29/22; 1720	1	2		X		X	X
008	GW-15	11/30/22; 0925	1	2		X		X	X
009	GW-16S	11/28/22; 1315	1	2		X		X	X
010	GW-16D	11/28/22; 1300	1	2		X		X	X

Relinquished By	Date/Time	Received By	Date/Time
[illegible] (ERM)	11/30/22; 1430	Allison Coler	11/30/22 1430

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: 76204

AVC 11/30

CHAIN OF CUSTODY

pg. 2 of 3 Work order # 2211176-6

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

Client: ERM
Address: 68 Villa Grove
City / State / Zip Springfield, IL 62712
Contact: Matt Halley **Phone:** (217) 529-0914
E-Mail: matt.halley@erm.com **Fax:**

Samples on: ☑ ICE ☐ BLUE ICE ☐ NO ICE 3.2 °C LTG# 3
Preserved in: ☐ LAB ☐ FIELD
FOR LAB USE ONLY
Lab Notes:

Client Comments SEE PG. 1

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

Project Name/Number: Ameren Taylorville 4th Qtr 2022
Sample Collector's Name: TBEGG / RICHARDS

Results Requested: ☑ Standard ☐ 1-2 Day (100% Surcharge) ☐ Other ____ ☐ 3 Day (50% Surcharge)
Billing Instructions:

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNP	HCl	MATRIX: Aqueous	Groundwater	Trip Blank	INDICATE ANALYSIS REQUESTED: PAHs	VOCs
2211176-011	GW-17	11/28/22 ; 1420	1	2		X		X	X
012	GW-18S	11/29/22 ; 1055	1	2		X		X	X
013	GW-18D	11/29/22 ; 1030	1	2		X		X	X
014	GW-19S	11/29/22 ; 0930	1	2		X		X	X
015	GW-19D	11/29/22 ; 0910	1	2		X		X	X
016	GW-20	11/29/22 ; 0755	1	2		X		X	X
017	GW-21	11/29/22 ; 1140	1	2		X		X	X
018	GW-22S	11/29/22 ; 0715	1	2		X		X	X
019	GW-22D	11/28/22 ; 1635	1	2		X		X	X
~~020~~	~~GW-24~~		1	2		X		X	X

NA

Relinquished By	Date/Time	Received By	Date/Time
[signature] (ERM)	11/30/22 ; 1430	Allison Cole	11/30/22 1420

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: 76204

CHAIN OF CUSTODY

pg. 2 of 2 Work order # 2211766

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

Client: ERM
Address: 68 Villa Grove
City / State / Zip Springfield, IL 62712
Contact: Matt Halley **Phone:** (217) 529-0914
E-Mail: matt.halley@erm.com **Fax:**

Samples on: ☒ ICE ☒ BLUE ICE ☒ NO ICE 3.2 °C LTG# 3
Preserved in: ☒ LAB ☒ FIELD **FOR LAB USE ONLY**
Lab Notes:

Client Comments SEE PG. 1

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

Project Name/Number	Sample Collector's Name
Ameren Taylorville 4th Qtr 2022	ABEEL / RICHARDS

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

Billing Instructions

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNP	HCl	MATRIX: Aqueous	Groundwater	Trip Blank	INDICATE ANALYSIS REQUESTED: PAHs	VOCs
2211766-020	~~Dup 1~~ GW-145-DUP	11/29/22; 0930	1	2		X		X	X
021	Field Blank 1	11/30/22; 0935	1	2	X			X	X
022 ~~021~~	Trip Blank 1	— ; —		2			X		X
023 ~~022~~	Trip Blank 2	— ; —		2			X		X
	~~Trip Blank 3~~ MS/MSD 1	11/29/22; 1500	2	~~2~~ 4		X	~~X~~	X	X
	~~Trip Blank 4~~ MS/MSD 2	11/30/22; 1050	2	~~2~~ 4		X	~~X~~	X	X
024 ~~023~~	~~Dup 2~~ GW-2-DUP	11/30/22; 1115	1	2		X		X	X
025 ~~024~~	GW-25	11/28/22; 1440	1	2		X		X	X
026 ~~025~~	GW-26	11/28/22; 1555	1	2		X		X	X
TB/GW 11/30 bx									

Relinquished By	Date/Time	Received By	Date/Time
[signature] (ERM)	11/30/22; 1430	Allison Cole	11/30 1430

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: 76204

ATTACHMENT B – SUMMARY OF HISTORICAL ANALYTICAL RESULTS: 2015 - NOVEMBER 2022

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-01 Analyte	Unit	Remediation Objective (RO)	Result 3/4/2015	Result 5/13/2015	Result 8/19/2015	Result 11/3/2015	Result 2/17/2016	Result 5/25/2016	Result 8/17/2016	Result 11/15/2016	Result (DUP) 11/15/2016
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	---	---	---	---
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-01 Analyte	Unit	Remediation Objective (RO)	Result 2/14/2017	Result 5/16/2017	Result 8/16/2017	Result 11/22/2017	Result (DUP) 11/22/2017	Result 2/15/2018	Result (DUP) 2/15/2018	Result 5/10/2018
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	< 0.002	**0.0013** J	< 0.006	< 0.006	**0.0017** JSR	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	---	---	---
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	**0.00012** J	< 0.0001 B	< 0.0001 B	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0001 B	**0.000156** B	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzene	µg/L	5.0	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-01 Analyte	Unit	Remediation Objective (RO)	Result (DUP) 5/10/2018	Result 8/14/2018	Result (DUP) 8/14/2018	Result 11/8/2018	Result (DUP) 11/8/2018	Result 2/19/2019	Result 5/7/2019	Result 8/14/2019	Result 11/13/2019
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000088 J**	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.00006 J**
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	---	---	---	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	---	< 0.0002	**0.000891**	< 0.0002
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2 B	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 1 B	< 1	< 1	< 1	< 1	< 1	< 2	< 2	< 2

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

z

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-01 Analyte	Unit	Remediation Objective (RO)	Result 2/19/2020	Result 5/14/2020	Result 8/13/2020	Result 11/11/2020	Result 2/24/2021	Result 5/13/2021	Result 8/11/2021	Result 11/9/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	NA	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	NA	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001 B	< 0.000222	< 0.0003	< 0.0003	< 0.0003	NA	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	NA	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0002	NA	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	NA	**0.000074 J**	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.000148	< 0.0002	< 0.0002	< 0.0002	NA	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	NA	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.00148 C	< 0.002 C	< 0.002 C	< 0.002	NA	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	NA	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0002	NA	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01	NA	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.000222	< 0.0003	< 0.0003	< 0.0003	NA	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.000148	< 0.0002	< 0.0002	< 0.0002	NA	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001 B	< 0.000074	< 0.0001	< 0.0001	< 0.0002	NA	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01	NA	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01	NA	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.000296	< 0.0004	< 0.0004	< 0.0004	NA	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.000444	< 0.0006	< 0.0006	**0.0007**	NA	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002 B	< 0.000148	< 0.0002	< 0.0002	< 0.0002	NA	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.37 J**
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**0.37 J**

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-01 Analyte	Unit	Remediation Objective (RO)	Result 2/16/2022	Result 5/10/2022	Result 9/8/2022	Result 11/29/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	**0.48 J**
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

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

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-02 Analyte	Unit	Remediation Objective (RO)	Result 2/17/2016	Result 5/25/2016	Result 8/17/2016	Result 11/15/2016	Result 2/16/2017	Result 5/16/2017
Acenaphthene	mg/L	0.42	**0.004 J**	< 0.01	< 0.01	**0.00019 J**	**0.0053 J**	**0.0089 J**
Acenaphthylene	mg/L	-	**0.0056 J**	**0.0004 J**	**0.00011 J**	**0.0019 J**	**0.0087 J**	**0.0103**
Anthracene	mg/L	2.1	**0.00026 J**	**0.00029 J**	**0.00026 J**	**0.00025 J**	**0.00036 J**	**0.0012 J**
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.00006 J**	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0017 J**	---	---	---	---	**0.00229**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	**0.00022 J**
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	**0.00099 J**
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	**0.00023 J**	< 0.0064	< 0.0064	< 0.0064	**0.0018 J**
Pyrene	mg/L	0.21	**0.00011 J**	< 0.0027	< 0.0027	**0.00009 J**	**0.00009 J**	**0.00029 J**
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	**1.53**	< 0.6	< 0.6	< 0.6	< 0.6	**1.21**
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

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

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-02 Analyte	Unit	Remediation Objective (RO)	Result 8/13/2019	Result 11/14/2019	Result (DUP) 11/14/2019	Result 2/19/2020	Result 5/14/2020	Result (DUP) 5/14/2020	Result 8/14/2020	Result 11/11/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	**0.000085 J**	**0.00017**	0.000165	< 0.0001 B	< 0.000254	< 0.000254	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000169	< 0.000169	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0377**	**0.00335**	**0.00349**	**0.00726**	< 0.00169 C	< 0.00169 C	**0.0225 C**	< 0.002 C
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.00847	< 0.00847	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000254	< 0.000254	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000169	< 0.000169	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001 B	< 0.000085	< 0.000085	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.00847	< 0.00847	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.00847	< 0.00847	< 0.01	< 0.0004
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	0.000268	< 0.0002	< 0.000339	< 0.000339	< 0.0004	< 0.01
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000508	< 0.000508	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	**0.00014 J**	0.00012	< 0.0002 B	< 0.000169	< 0.000169	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	**1.6 J**	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-02 Analyte	Unit	Remediation Objective (RO)	Result (DUP) 11/11/2020	Result 2/24/2021	Result 5/13/2021	Result 8/11/2021	Result 11/9/2021	Result 2/16/2022	Result 5/10/2022	Result 9/8/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	**0.000074 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002 C	**0.00364 C**	**0.00206**	**0.0195**	< 0.002 B	< 0.002	< 0.002	**0.0108 S**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	**0.35 J**	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2 B	< 2 B	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	**0.35 J**	< 2	< 2	< 2

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-02 Analyte	Unit	Remediation Objective (RO)	Result 11/30/2022		Result (DUP) 11/30/2022	
Acenaphthene	mg/L	0.42	< 0.0001		< 0.0001	
Acenaphthylene	mg/L	-	< 0.0001		< 0.0001	
Anthracene	mg/L	2.1	< 0.0003		< 0.0003	
Benzo(a)anthracene	mg/L	0.00013	< 0.0001		< 0.0001	
Benzo(a)pyrene	mg/L	0.0002	< 0.0002		< 0.0002	
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001		< 0.0001	
Benzo(g,h,i)perylene	mg/L	-	< 0.0002		< 0.0002	
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001		< 0.0001	
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002		< 0.002	
Chrysene	mg/L	0.0015	< 0.0001		< 0.0001	
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002		< 0.0002	
Di-n-butyl phthalate	mg/L	0.7	< 0.01		< 0.01	
Fluoranthene	mg/L	0.28	< 0.0003		< 0.0003	
Fluorene	mg/L	0.28	< 0.0002		< 0.0002	
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002		< 0.0002	
m,p-Cresol	mg/L	-	< 0.01		< 0.01	
o-Cresol	mg/L	0.35	< 0.01		< 0.01	
Naphthalene	mg/L	0.14	< 0.0004		< 0.0004	
Phenanthrene	mg/L	-	< 0.0006		< 0.0006	
Pyrene	mg/L	0.21	< 0.0002		< 0.0002	
Benzene	µg/L	5.0	< 0.5		< 0.5	
Bromoform	µg/L	1.0	< 2		< 2	
Ethylbenzene	µg/L	700	< 1		< 1	
m,p-Xylenes	µg/L	-	< 1		< 1	
Methylene chloride	µg/L	5.0	< 2		< 2	
Naphthalene	µg/L	140	**0.47**	**J**	**0.46**	**BJ**
o-Xylene	µg/L	-	< 1		< 1	
Toluene	µg/L	1000	< 2		< 2	
trans-1,2-Dichloroethene	µg/L	100	< 2		< 2	
Xylenes, Total	µg/L	10000	< 2		< 2	

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-03 Analyte	Unit	Remediation Objective (RO)	Result 3/4/2015	Result 5/12/2015	Result 8/18/2015	Result 11/3/2015	Result (DUP) 11/3/2015	Result 2/17/2016	Result 5/25/2016	Result 8/17/2016	Result (DUP) 8/17/2016
Acenaphthene	mg/L	0.42	< 0.01	0.00042 J	0.00037 J	0.00012 J	0.00016 J	0.00041 J	0.00091 J	0.00079 J	0.001 J
Acenaphthylene	mg/L	-	0.00036 J	0.0021 J	0.0017 J	0.00057 J	0.0009 J	0.002 J	0.0045 J	0.0033 J	0.0044 J
Anthracene	mg/L	2.1	0.0001 J	0.00011 J	0.0001 J	0.00011 J	0.00012 J	0.00011 J	< 0.0066	0.00013 J	0.00013 J
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00007 J	0.00006 J
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	0.00433	0.00502	0.0014 J	0.00248	0.0011 J	---	---	---
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	0.00062 J	0.00064 J	0.00073 J	0.00094 J	0.00098 J	0.0011 J	0.00048 J	0.001 J	0.00095 J
Fluorene	mg/L	0.28	0.0001 J	0.00036 J	0.00043 J	0.00015 J	0.00019 J	0.0004 J	0.001 J	0.0009 J	0.0011 J
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	0.00016 B	0.00039	0.00015	< 0.0001	< 0.0001	< 0.0001	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	0.00015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	0.00011 J	0.00016 J	< 0.0064	0.00011 J	0.00011 J	0.00014 J	0.00022 J	0.00032 J	0.00038 J
Pyrene	mg/L	0.21	0.00073 J	0.00078 J	0.00095 J	0.0012 J	0.0013 J	0.0014 J	0.0007 J	0.0016 J	0.0015 J
Benzene	µg/L	5.0	2.34	14.4	22.8	2.16	2 J	16.8	34.6	15.7	14.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 10	< 2	< 2
Ethylbenzene	µg/L	700	0.29 J	7.44	4.89	0.46 J	0.58 J	4.46	11.6	6.24	5.39
m,p-Xylenes	µg/L	-	3.3 J	66.5	70	1.1 J	1.3 J	41.4	103	34.1	30.7
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	1.7 B	< 0.2	< 0.2
Naphthalene	µg/L	140	50.6	216	334	20.5	20.5	302	921	439	474
o-Xylene	µg/L	-	3.62	41.4	48.1	1.8 J	2.11	45.6	95.3	36.7	33.3
Toluene	µg/L	1000	0.66 J	14	8.28	0.31 J	0.37 J	7.98	20.8	7.68	6.74
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 25	< 5	< 5
Xylenes, Total	µg/L	10000	6.91	108	118	3 J	3.4 J	87	198	70.8	64.1

Notes:
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mg/L = milligrams per liter
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Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-03 Analyte	Unit	Remediation Objective (RO)	Result 11/15/2016	Result 2/16/2017	Result (DUP) 2/16/2017	Result 5/16/2017	Result (DUP) 5/16/2017	Result 8/18/2017	Result 11/21/2017	Result 2/15/2018	Result 5/9/2018
Acenaphthene	mg/L	0.42	**0.00051 J**	**0.00022 J**	**0.0002 J**	**0.00068 J**	**0.00064 J**	**0.00027 J**	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	**0.0024 J**	**0.00084 J**	**0.00085 J**	**0.0028 J**	**0.0033 J**	**0.0015 J**	**0.000147**	**0.000072 J**	**0.000065 J**
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	**0.00019 J**	**0.00022 J**	**0.00016 J**	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	**0.00007 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.0001
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	---	---	**0.0018 J**	**0.0021**	**0.0107**	< 0.006	**0.00892**	**0.00306**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---	---	---
Fluoranthene	mg/L	0.28	**0.0011 J**	**0.0011 J**	**0.001 J**	**0.0019 J**	**0.0021 J**	**0.00225**	**0.00162**	**0.000884**	**0.00109**
Fluorene	mg/L	0.28	**0.0006 J**	**0.0003 J**	**0.00035 J**	**0.001 J**	**0.0013 J**	**0.00059 J**	**0.000122**	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	**0.0003 J**	< 0.0064	**0.00012 J**	**0.00082 J**	**0.00081 J**	< 0.0064	**0.000154**	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	**0.0017 J**	**0.0017 J**	**0.0016 J**	**0.00284**	**0.00325**	**0.00359**	**0.00279**	**0.00034**	**0.00124**
Benzene	µg/L	5.0	**6.65**	**4.52**	**4.92**	**18.7**	**20.8**	**4.99**	**0.75**	< 0.5	**2.55**
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 10	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	**0.76 J**	**0.3 J**	**0.32 J**	**11.8**	**14.3**	**0.72 J**	< 1	< 1	**0.2 J**
m,p-Xylenes	µg/L	-	**4.22**	**0.53 J**	**0.55 J**	**51.8**	**63.8**	**2.5 J**	< 1	**0.3 J**	**2.27**
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 1	< 0.2	< 0.2	< 0.5	**0.33 J**	< 2
Naphthalene	µg/L	140	**195**	**22.2**	**23.6**	**554**	**370**	**67.7**	**1.05**	< 2	**8.12**
o-Xylene	µg/L	-	**9**	**4.12**	**4.31**	**54.6**	**64.5**	**6.13**	< 1	**0.31 J**	**3.45**
Toluene	µg/L	1000	**0.83 J**	< 2	< 2	**21.6**	**26.8**	**0.92 J**	< 2	**0.47 J**	**0.54 J**
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 25	< 5	< 5	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	**13.2**	**4.65**	**4.86**	**106**	**128**	**8.6**	< 1	**0.61 J**	**5.72**

Notes:
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All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-03 Analyte	Unit	Remediation Objective (RO)	Result 8/14/2018	Result 11/7/2018	Result 2/20/2019	Result 5/8/2019	Result 8/13/2019	Result 11/14/2019	Result 2/19/2020	Result 5/12/2020	Result 8/14/2020	Result 11/10/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	0.000624	0.000792	0.00122	0.000844	0.00117	0.00139	0.000473
Acenaphthylene	mg/L	-	0.000143	0.000083 J	0.00018	0.00247	0.00229	0.00563	0.00292	0.0042 J	0.00501	0.00183
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000163	0.00013	0.000154	0.00017 J	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	0.000055 J	0.000096 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000082	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	0.000072 J	< 0.0001	< 0.0001	0.00006 J	< 0.0001	< 0.0001	< 0.000082	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	0.00005 J	0.000101	< 0.0001	< 0.0001	0.000133	< 0.0001	< 0.0001	< 0.000082	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	0.000051 J	< 0.0001	< 0.0002	0.00018 J	< 0.0002	< 0.0002	< 0.000164	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000082	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	0.00266	< 0.002	0.00655	0.00207	< 0.05	0.0109	< 0.00164 C	0.0461 C	< 0.002 C
Chrysene	mg/L	0.0015	< 0.0001	0.000076 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000082	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000082	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.0082	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	0.00103	0.000901	0.00063	0.00089	0.000664	0.00101	0.000421	0.000306	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	0.000828	0.00113	0.00244	0.00186	0.00274	0.00314	0.0012
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00031	< 0.0001	0.000081 J	< 0.000082	0.000071 J	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	0.00057 J	< 0.01	< 0.01	< 0.0082	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	0.00094 J	< 0.01	< 0.01	< 0.0082	< 0.01	< 0.0100
Naphthalene	mg/L	0.14	---	---	---	0.542	0.00132	0.597	0.153	0.521	0.587	0.128
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	0.000653	0.000613	0.000971	0.0011	0.000605
Pyrene	mg/L	0.21	0.00155	0.00118	0.00095 B	0.00155	0.00109	0.00183	0.000819	0.000661	0.000298	< 0.0002
Benzene	µg/L	5.0	0.16 J	0.41 J	3.71	43.9	30.2	10.8	24	50.1	47.1	16.2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 20	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	0.14 J	23.8	7.3 J	3.81	12.7	42.6	40.5	21.6
m,p-Xylenes	µg/L	-	< 1	0.31 J	2.65	124	83.1	22.8	41.6	135	76	9.33
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 20	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	1.8 J	26.9	606	1020	674	654	1000	842	924
o-Xylene	µg/L	-	0.13 J	1.02	5.56	112	86.8	28.6	52.2	124	107	31
Toluene	µg/L	1000	0.16 J	< 2	0.29 J	43.4	11 J	2.68	6.2	21.8	11.5	2.34
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 20	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 1	1.33	8.21	237	170	51.3	93.9	259	183	40.4

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-03 Analyte	Unit	Remediation Objective (RO)	Result 2/24/2021	Result (DUP) 2/24/2021	Result 5/13/2021	Result 8/11/2021	Result 11/9/2021	Result 2/16/2022	Result 5/12/2022	Result 9/8/2022
Acenaphthene	mg/L	0.42	**0.00078**	**0.000795**	**0.000597**	**0.000938**	**0.000681**	**0.00064**	**0.00114**	**0.000699**
Acenaphthylene	mg/L	-	**0.00346**	**0.00309**	**0.00245**	**0.00292**	**0.00242**	**0.00245**	**0.00419**	**0.00275**
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	**0.00024** J	**0.00023** J	< 0.0003	**0.00025** J	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00316**	< 0.002	**0.0018** J	< 0.002	**0.0019** BJ	**0.00277**	**0.0029**	**0.0018** J
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	**0.00228**	**0.00235**	**0.00159**	**0.00262**	**0.00178**	**0.00175**	**0.0029**	**0.00188**
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	**0.239**	**0.181**	**0.202** S	**0.157**	**0.129**	**0.0873**	**0.329** S	**0.114**
Phenanthrene	mg/L	-	**0.001080**	**0.000925**	**0.000769**	**0.00127**	**0.000785**	**0.000776**	**0.00143**	**0.00109**
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	**23.6**	**22.8**	**10.4**	**24.2**	**11.2**	**13.3**	**24.6**	**8.58**
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 20	< 2
Ethylbenzene	µg/L	700	**32.4**	**31.6**	**12.5**	**37.9**	**13.2**	**15.9**	**27.7**	**9.77**
m,p-Xylenes	µg/L	-	**25.8**	**25.5**	**6.19**	**16.4**	**3.16**	**3.42**	**31.9**	**1.57**
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 20	< 2
Naphthalene	µg/L	140	**421**	**425**	**285** E	**511**	**224**	**161**	**375**	**143**
o-Xylene	µg/L	-	**41.7**	**40.7**	**15.7**	**38**	**13.8**	**12.5**	**40.2**	**8.35**
Toluene	µg/L	1000	**5.63**	**5.52**	**1.3** J	**4.37**	**2** J	**1.1** J	**9.3** J	**0.74** J
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 20	< 2
Xylenes, Total	µg/L	10000	**67.5**	**66.2**	**21.9**	**54.4**	**17**	**15.9**	**72.1**	**9.92**

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-03 Analyte	Unit	Remediation Objective (RO)	Result (DUP) 9/8/2022		Result 11/30/2022	
Acenaphthene	mg/L	0.42	**0.000717**		**0.000207**	
Acenaphthylene	mg/L	-	**0.00276**		**0.00093**	
Anthracene	mg/L	2.1	< 0.0003		< 0.0003	S
Benzo(a)anthracene	mg/L	0.00013	< 0.0001		< 0.0001	
Benzo(a)pyrene	mg/L	0.0002	< 0.0002		< 0.0002	
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001		< 0.0001	
Benzo(g,h,i)perylene	mg/L	-	< 0.0002		< 0.0002	
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001		< 0.0001	
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0015**	J	< 0.002	S
Chrysene	mg/L	0.0015	< 0.0001		< 0.0001	
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002		< 0.0002	
Di-n-butyl phthalate	mg/L	0.7	< 0.01		< 0.01	S
Fluoranthene	mg/L	0.28	< 0.0003		< 0.0003	S
Fluorene	mg/L	0.28	**0.00184**		**0.000851**	
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002		< 0.0002	S
m,p-Cresol	mg/L	-	< 0.01		< 0.01	
o-Cresol	mg/L	0.35	< 0.01		< 0.01	
Naphthalene	mg/L	0.14	**0.133**		**0.0112**	**S**
Phenanthrene	mg/L	-	**0.00103**		< 0.0006	S
Pyrene	mg/L	0.21	< 0.0002		< 0.0002	S
Benzene	µg/L	5.0	**11**		**2.46**	**S**
Bromoform	µg/L	1.0	< 2		< 0.2	
Ethylbenzene	µg/L	700	**15**		**0.4**	**JS**
m,p-Xylenes	µg/L	-	**2.01**		**0.32**	**JS**
Methylene chloride	µg/L	5.0	< 2		< 2	
Naphthalene	µg/L	140	**192**		**13.3**	
o-Xylene	µg/L	-	**11**		**1.51**	**S**
Toluene	µg/L	1000	**1**	J	**0.14**	**JS**
trans-1,2-Dichloroethene	µg/L	100	< 2		< 2	
Xylenes, Total	µg/L	10000	**13**		**1.8**	**JS**

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-04 Analyte	Unit	Remediation Objective (RO)	Result 3/3/2015	Result 5/13/2015	Result 8/19/2015	Result 11/3/2015	Result 2/17/2016	Result 5/25/2016	Result 8/17/2016	Result 11/15/2016	Result 2/15/2017	Result 5/16/2017
Acenaphthene	mg/L	0.42	0.0011 J	0.002 J	0.0037 J	0.0027 J	0.0036 J	0.003 J	0.0043 J	0.0062 J	0.0054 J	0.0045 J
Acenaphthylene	mg/L	-	0.0049 J	0.0044 J	0.0073 J	0.0052 J	0.0061 J	0.0069 J	0.0095 J	0.0074 J	0.0053 J	0.0037 J
Anthracene	mg/L	2.1	0.0029 J	0.0011 J	0.0015 J	0.0015 J	0.0012 J	0.00081 J	0.00093 J	0.0012 J	0.0016 J	0.001 J
Benzo(a)anthracene	mg/L	0.00013	0.00022	0.00014	0.00024	0.00013	0.00016	0.0001 J	0.00012	0.00016	0.00017	0.000121
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	0.00012	0.00012	0.00025	< 0.0001	0.0001	0.00011	< 0.0001	0.00014	0.00012	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	---	---	---	---	< 0.002
Chrysene	mg/L	0.0015	0.00031	0.0004	0.00084	0.00016	0.0003	0.00022	0.0002	0.00048	0.00028	0.000207
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	0.0018 J	0.00242	0.00402	0.0018 J	0.00261	0.0018 J	0.00228	0.00357	0.00237	0.0018 J
Fluorene	mg/L	0.28	0.02	0.0239	0.0461	0.035	0.0396	0.0384	0.0467	0.0559	0.0447	0.0294
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	0.00325	0.012	0.0111	0.00118	0.00569	---	---	---	---	---
o-Cresol	mg/L	0.35	0.0244	0.0241	0.0149	0.00553	0.013	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	0.0157	0.023	0.0338	0.0271	0.0197	0.0236	0.0283	0.0442	0.0313	0.0198
Pyrene	mg/L	0.21	0.00085 J	0.0012 J	0.0018 J	0.00083 J	0.00098 J	0.00071 J	0.00097 J	0.0016 J	0.0012 J	0.00084 J
Benzene	µg/L	5.0	1270	1380	400	947	526	1110	547	519	1680	1750
Bromoform	µg/L	1.0	< 20	< 20	< 20	< 20	< 20	< 40	< 40	< 2	< 100	< 100
Ethylbenzene	µg/L	700	137	148	122	156	154	191	139	169	200	260
m,p-Xylenes	µg/L	-	75.7	101	68.9	79.3	81	144	108	124	200 J	170 J
Methylene chloride	µg/L	5.0	< 2	2.6	2.2	< 2	3.2	33.8 B	7.2	0.2	< 10	< 10
Naphthalene	µg/L	140	1350	1500	3140	2050	2480	2330	3390	2240	1960	2120
o-Xylene	µg/L	-	125	130	122	131	132	139	122	147	169	183
Toluene	µg/L	1000	138	191	131	219	165	518	301	249	553	316
trans-1,2-Dichloroethene	µg/L	100	< 50	< 50	< 50	< 50	< 50	< 100	< 100	< 5	< 250	< 250
Xylenes, Total	µg/L	10000	200	231	191	210	213	282	230	271	368	352

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

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

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

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

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-04		Remediation	Result	Result - DUP	Result	Result	Result - DUP	Result	Result - DUP
Analyte	**Unit**	**Objective (RO)**	**8/12/2021**	**8/12/2021**	**11/9/2021**	**2/17/2022**	**2/17/2022**	**5/12/2022**	**5/12/2022**
Acenaphthene	mg/L	0.42	**0.022**	**0.0239**	**0.0274**	**0.0316**	**0.0348**	**0.0339**	**0.0437**
Acenaphthylene	mg/L	-	**0.00618**	**0.00584**	**0.00531**	**0.00244**	**0.0029**	**0.00893**	**0.0101**
Anthracene	mg/L	2.1	**0.000745**	**0.000691**	**0.00093**	**0.0012**	**0.000864**	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	**0.000158**	**0.000173**	**0.000214**	**0.000104**	**0.000085 J**	< 0.0001	0.000115
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	**0.00012 J**
Benzo(b)fluoranthene	mg/L	0.00018	**0.000125**	**0.000192**	**0.000226**	< 0.0001	**0.000084 J**	< 0.0001	**0.000128**
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	**0.00007 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002 B	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	**0.000491**	**0.000501**	**0.000754**	**0.0002**	**0.000196**	**0.00013**	**0.00022**
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	**0.00379**	**0.00404**	**0.00397**	**0.00375**	**0.00357**	**0.00289**	**0.00383**
Fluorene	mg/L	0.28	**0.0689**	**0.0776**	**0.07**	**0.0906**	**0.0765**	**0.0847**	**0.104**
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	**0.007 J**	**0.0083 J**	< 0.01	**0.0023 J**	**0.0018 J**	**0.0046 J**	**0.0068 J**
o-Cresol	mg/L	0.35	**0.0095 J**	**0.0074 J**	< 0.01	**0.0059 J**	**0.0035 J**	**0.058 J**	**0.008 J**
Naphthalene	mg/L	0.14	**1.62**	**1.75**	**2.43**	**1.82**	**1.82 J**	**2.77**	**3.54**
Phenanthrene	mg/L	-	**0.0562**	**0.0609**	**0.0542**	**0.0801**	**0.075**	**0.0715**	**0.0888**
Pyrene	mg/L	0.21	**0.00184**	**0.00184**	**0.0019**	**0.00177**	**0.00174**	**0.00131**	**0.00184**
Benzene	µg/L	5.0	**652**	**658**	**798**	**1150**	**1180**	**1100**	**1070**
Bromoform	µg/L	1.0	< 100	< 2	< 200	< 2	< 2	< 100	< 100
Ethylbenzene	µg/L	700	**235**	**243**	**331**	**476**	**500**	**312**	**330**
m,p-Xylenes	µg/L	-	**135**	**146**	**166**	**108**	**104**	**225**	**229**
Methylene chloride	µg/L	5.0	< 100	< 2	< 200	< 2	< 2	< 100	< 100
Naphthalene	µg/L	140	**3020**	**3020**	**3520**	**2530**	**2620**	**3550**	**3350**
o-Xylene	µg/L	-	**108**	**118**	**178**	**241**	**244**	**176**	**184**
Toluene	µg/L	1000	**256**	**255**	**216**	**90.5**	**94.6**	**338**	**357**
trans-1,2-Dichloroethene	µg/L	100	< 100	< 2	< 200	< 2	< 2	< 100	< 100
Xylenes, Total	µg/L	10000	**243**	**265**	**344**	**350**	**347**	**400**	**412**

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-04 Analyte	Unit	Remediation Objective (RO)	Result 9/8/2022		Result 11/30/2022	
Acenaphthene	mg/L	0.42	**0.0404**		**0.00135**	
Acenaphthylene	mg/L	-	**0.00446**		**0.00447**	
Anthracene	mg/L	2.1	**0.000749**		**0.00241**	
Benzo(a)anthracene	mg/L	0.00013	**0.00009**	J	**0.00194**	
Benzo(a)pyrene	mg/L	0.0002	< 0.0002		**0.00017**	J
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001		**0.00252**	
Benzo(g,h,i)perylene	mg/L	-	< 0.0002		**0.000544**	
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001		**0.000697**	
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002		**0.002**	J
Chrysene	mg/L	0.0015	**0.000241**		**0.00674**	
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002		**0.000256**	
Di-n-butyl phthalate	mg/L	0.7	< 0.01		< 0.01	
Fluoranthene	mg/L	0.28	**0.00414**		**0.021**	
Fluorene	mg/L	0.28	**0.0853**		**0.0841**	
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002		**0.000588**	
m,p-Cresol	mg/L	-	< 0.01		< 0.01	
o-Cresol	mg/L	0.35	< 0.01		< 0.01	
Naphthalene	mg/L	0.14	**2.8**		**1.5**	
Phenanthrene	mg/L	-	**0.0799**		**0.142**	
Pyrene	mg/L	0.21	**0.00176**		**0.0124**	
Benzene	µg/L	5.0	**670**		**895**	
Bromoform	µg/L	1.0	< 20		< 2	
Ethylbenzene	µg/L	700	**249**		**304**	
m,p-Xylenes	µg/L	-	**112**		**56.6**	
Methylene chloride	µg/L	5.0	< 20		< 20	
Naphthalene	µg/L	140	**3540**		**2340**	
o-Xylene	µg/L	-	**157**		**187**	
Toluene	µg/L	1000	**104**		**100**	
trans-1,2-Dichloroethene	µg/L	100	< 20		< 20	
Xylenes, Total	µg/L	10000	**269**		**243**	

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-05 Analyte	Unit	Remediation Objective (RO)	Result 3/4/2015	Result (DUP) 3/4/2015	Result 5/13/2015	Result (DUP) 5/13/2015	Result 8/19/2015	Result 11/4/2015	Result (DUP) 11/4/2015	Result 2/18/2016	Result 5/26/2016	Result 8/18/2016
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066 S
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0195**	**0.00664**	**0.0163**	**0.0089**	**0.00718**	**0.00763**	**0.00558**	**0.00351**	---	---
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033 S
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021 S
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.0001 B	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	**0.0001** J	< 0.0064	< 0.0064	< 0.0064	< 0.0064 S
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027 S
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	**6.55**	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-05 Analyte	Unit	Remediation Objective (RO)	Result (DUP) 8/18/2016	Result 11/16/2016	Result (DUP) 11/16/2016	Result 2/15/2017	Result 5/17/2017	Result (DUP) 5/17/2017	Result 8/17/2017	Result 11/21/2017	Result 2/14/2018	Result 5/9/2018
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.0001
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	---	---	---	**0.00861**	**0.011**	**0.013**	**0.00907**	**0.0218**	**0.0122**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---	---	---
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	**0.0001** J	< 0.0001 B	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	**0.00013** B	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0001 B	< 0.0001	< 0.0001
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.5	< 0.5	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.0001	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 1	< 1	< 1

Notes:
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Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter
H=Laboratory hold times exceeded. GW-05 and GW-07 reanalyzed for Napthalene at ERM request after laboratory instrument carryover suspected from GW-04R sample.

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-05 Analyte	Unit	Remediation Objective (RO)	Result 8/13/2018	Result 11/7/2018	Result 2/20/2019	Result 5/7/2019	Result 8/14/2019	Result 11/14/2019	Result 2/20/2020	Result 5/12/2020	Result 8/13/2020	Result (DUP) 8/13/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000056 J**	< 0.000078	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	**0.00008 J**	< 0.0001	**0.000051 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000233	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	**0.000094 J**	< 0.0001	**0.000197**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	**0.000079 J**	< 0.0001	**0.000097 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	**0.000066 J**	< 0.0001	**0.000206**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	**0.000045 J**	< 0.0001	**0.000084 J**	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000155	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00256**	**0.00287**	**0.0049**	**0.0103**	**0.00671**	**0.0089**	< 0.002	**0.0101**	**0.00227 C**	**0.00286 C**
Chrysene	mg/L	0.0015	**0.000062 J**	< 0.0001	**0.000268**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00775	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	**0.000204**	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000233	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	**0.000141**	< 0.0001	< 0.0001	< 0.0001	0.000158	< 0.000155	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	**0.000088 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00775	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00775	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	---	---	< 0.0002	**0.00021**	**0.0004**	**0.00366**	**0.00103**	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000465	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0001	< 0.0002	**0.00017 BJ**	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000155	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	**0.41 J**	< 0.5	< 0.5	**0.22 J**	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	**0.31 J**	< 1	< 1	**0.2 J**	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	**0.35 J**	< 1	< 1	**0.19 J**	**0.18 J**	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	**0.81 J**	< 2	**35.9**	< 2	**0.49 J**	< 2	**46.6**	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	**0.23 J**	< 1	< 1	**0.13 J**	**0.11 J**	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	**0.4 J**	< 2	< 2	**0.17 J**	**0.17 J**	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 1	< 1	**0.58 J**	< 2	< 2	**0.32 J**	**0.29 J**	< 2	< 2	< 2

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-05 Analyte	Unit	Remediation Objective (RO)	Result 11/11/2020	Result 2/24/2021	Result 5/11/2021	Result 8/12/2021	Result 11/9/2021	Result 2/15/2022	Result 5/10/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000075 J**	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00845 S**	**0.0087**	**0.00374**	**0.00627**	**0.00213 B**	< 0.0002	< 0.0002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01 R	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.0100 SR	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	**0.00159 S**	**0.00111**	< 0.0004	**0.00194**	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0006	**0.000838**	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	**0.000221**	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 B
Benzene	µg/L	5.0	< 0.5	**0.18 J**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	**0.25 J**	**0.22 J**	< 1	< 1	**1.21**	< 1	< 1
m,p-Xylenes	µg/L	-	**0.29 J**	**0.2 J**	< 1	< 1	**0.99 J**	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2 H	< 2	**1 J**
o-Xylene	µg/L	-	**0.17 JS**	**0.14 J**	< 1	< 1	**0.74 J**	< 1	< 1
Toluene	µg/L	1000	< 2	**0.12 J**	< 2	< 2	**0.3 J**	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	**0.46 J**	**0.34 J**	< 2	< 2	**1.7 J**	< 2	< 2

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-05 Analyte	Unit	Remediation Objective (RO)	Result 9/7/2022		Result 11/29/2022	
Acenaphthene	mg/L	0.42	< 0.0001		< 0.0001	
Acenaphthylene	mg/L	-	< 0.0001		< 0.0001	
Anthracene	mg/L	2.1	< 0.0003		< 0.0003	
Benzo(a)anthracene	mg/L	0.00013	< 0.0001		< 0.0001	
Benzo(a)pyrene	mg/L	0.0002	< 0.0002		< 0.0002	
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001		< 0.0001	
Benzo(g,h,i)perylene	mg/L	-	< 0.0002		< 0.0002	
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001		< 0.0001	
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0017**	**J**	< 0.002	
Chrysene	mg/L	0.0015	< 0.0001		< 0.0001	
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002		< 0.0002	
Di-n-butyl phthalate	mg/L	0.7	< 0.01		< 0.01	
Fluoranthene	mg/L	0.28	< 0.0003		< 0.0003	
Fluorene	mg/L	0.28	< 0.0002		< 0.0002	
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002		< 0.0002	
m,p-Cresol	mg/L	-	< 0.01		< 0.01	
o-Cresol	mg/L	0.35	< 0.01		< 0.01	
Naphthalene	mg/L	0.14	< 0.0004		< 0.0004	
Phenanthrene	mg/L	-	< 0.0006		< 0.0006	
Pyrene	mg/L	0.21	< 0.0002		< 0.0002	
Benzene	µg/L	5.0	< 0.5		< 0.5	
Bromoform	µg/L	1.0	< 2		< 2	
Ethylbenzene	µg/L	700	< 1		< 1	
m,p-Xylenes	µg/L	-	< 1		< 1	
Methylene chloride	µg/L	5.0	< 2		< 2	
Naphthalene	µg/L	140	< 1		**1**	**J**
o-Xylene	µg/L	-	< 1		< 1	
Toluene	µg/L	1000	< 2		< 2	
trans-1,2-Dichloroethene	µg/L	100	< 2		< 2	
Xylenes, Total	µg/L	10000	< 2		< 2	

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
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E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter
H=Laboratory hold times exceeded. GW-05 and GW-07 reanalyzed for Napthalene at ERM request after laboratory instrument carryover suspected from GW-04R sample.

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-07 Analyte	Unit	Remediation Objective (RO)	Result 3/3/2015	Result 5/11/2015	Result 8/18/2015	Result (DUP) 8/18/2015	Result 11/2/2015	Result 2/16/2016	Result (DUP) 2/16/2016	Result 5/25/2016	Result 8/17/2016
Acenaphthene	mg/L	0.42	< 0.01	< 0.00263	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	**0.00013** J	< 0.00263	**0.00011** J	**0.00012** J	< 0.01	**0.00011** J	**0.0001** J	< 0.01	< 0.01
Anthracene	mg/L	2.1	**0.00097** J	**0.00071** J	**0.00084** J	**0.00089** J	**0.00068** J	**0.00073** J	**0.00069** J	**0.00054** J	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	**0.0002**	**0.00026**	**0.00019**	**0.0002**	**0.00018**	**0.00018**	**0.00018**	**0.00015**	**0.00007** J
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00026	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00224**	**0.0102**	**0.00429**	**0.00232**	0.00315	**0.00209**	**0.0013** J	---	---
Chrysene	mg/L	0.0015	**0.0001**	< 0.00026	< 0.0001	**0.0001**	< 0.0001	**0.00009** J	< 0.0001	**0.00008** J	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.00263	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	**0.0011** J	**0.00087**	**0.00098** J	**0.001** J	**0.00083** J	**0.00086** J	**0.0008** J	**0.00068** J	< 0.0021
Fluorene	mg/L	0.28	**0.0003** J	**0.00029**	**0.0003** J	**0.00031** J	**0.00021** J	**0.00025** J	**0.00025** J	**0.00019** J	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	**0.0001**	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	**0.00014** J	< 0.00263	< 0.0064	< 0.0064	**0.00013** J	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	**0.0015** J	**0.0012** J	**0.0014** J	**0.0014** J	**0.0012** J	**0.0012** J	**0.0011** J	**0.001** J	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	**0.24**	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	**1.47**	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

Notes:
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C = RL shown is a client requested quantitation limit
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< = Compound not detected at concentrations above the laboratory reporting detection limit.
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Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
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mg/L = milligrams per liter
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Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

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

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
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R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter
H=Laboratory hold times exceeded. GW-05 and GW-07 reanalyzed for Napthalene at ERM request after laboratory instrument carryover suspected from GW-04R sample.

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

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

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-07 Analyte	Unit	Remediation Objective (RO)	Result 2/23/2021	Result 5/12/2021	Result 8/12/2021	Result 11/9/2021	Result 2/16/2022	Result 5/11/2022	Result 9/7/2022	Result 11/29/2022
Acenaphthene	mg/L	0.42	**0.000076 J**	**0.000118**	**0.000079 J**	**0.000136**	**0.000183**	**0.000145**	**0.000118**	**0.00012**
Acenaphthylene	mg/L	-	**0.000168**	**0.000117**	**0.000137**	**0.000186**	**0.000251**	**0.000149**	**0.00017**	**0.000179**
Anthracene	mg/L	2.1	**0.00144**	**0.00119**	**0.00124**	**0.00146**	**0.00144**	**0.00153**	**0.00162**	**0.00144**
Benzo(a)anthracene	mg/L	0.00013	**0.000119**	**0.000161**	**0.000186**	**0.000235**	**0.000185**	**0.000182**	**0.000212**	**0.000201**
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00975**	**0.00732**	**0.00233**	**0.00403 S**	**0.00290**	**0.00471**	**0.0015 J**	**0.00578**
Chrysene	mg/L	0.0015	**0.000082** J	**0.000102**	**0.000122**	**0.00017**	**0.000177**	**0.000163**	**0.000164**	**0.000157**
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	**0.00131**	**0.00136**	**0.00146**	**0.00164**	**0.00147**	**0.00169**	**0.00154**	**0.00154**
Fluorene	mg/L	0.28	**0.000295**	**0.000343**	**0.000305**	**0.00039**	**0.000516**	**0.000368**	**0.000331**	**0.000366**
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	**0.01**	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0004	**0.00329**	< 0.0004	< 0.0004	**0.00269**	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	**0.00197**	**0.00227**	**0.00233**	**0.0026**	**0.0025**	**0.0030**	**0.0028**	**0.00281**
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5 S
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	**0.32 J**	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	**0.54 J**	< 1	< 1	< 1	< 1 S
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	**1.4 J**	< 2	< 2 H	< 2	< 2	< 2	**0.7 J**
o-Xylene	µg/L	-	< 1	< 1	< 1	**0.21 J**	< 1	< 1	< 1	< 1 S
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2 S
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	**0.75 J**	< 2	< 2	< 2	< 2 S

Notes:
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Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter
H=Laboratory hold times exceeded. GW-05 and GW-07 reanalyzed for Napthalene at ERM request after laboratory instrument carryover suspected from GW-04R sample.

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-9S Analyte	Unit	Remediation Objective (RO)	Result 5/14/2015	Result 5/24/2016	Result 5/17/2017	Result 5/9/2018	Result 5/6/2019	Result 5/12/2020	Result 5/12/2021	Result 5/10/2022
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000233	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0002	< 0.000155	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	---	< 0.002	< 0.002	< 0.002	< 0.00155 C	< 0.002	**0.0016 J**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	< 0.00775	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000233	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000155	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	< 0.00775	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.0001	---	---	---	---	< 0.00775	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	< 0.0002	< 0.00031	**0.00273**	< 0.0004
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 2	< 0.0004	< 0.0004	< 0.000465	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 2	< 0.0001	< 0.0002	< 0.000155	< 0.0002	< 0.0002 B
Benzene	µg/L	5.0	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	**0.21 J**	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 4	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 0.2	< 1	< 1	< 1	**0.33 J**	**0.11 J**
m,p-Xylenes	µg/L	-	< 4	< 4	< 0.6	< 1	< 1	< 1	**0.27 J**	< 1
Methylene chloride	µg/L	5.0	< 0.2	**0.85 B**	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 2	< 2 B	< 2	< 2	**37.8**	**1.4 J**
o-Xylene	µg/L	-	< 2	< 2	< 5	< 1	< 1	< 1	**0.2 J**	**0.1 J**
Toluene	µg/L	1000	< 2	< 2	< 4	< 2	< 2	< 2	**0.32 J**	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 1 B	< 2	< 2	**0.47 J**	< 2

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-9D Analyte	Unit	Remediation Objective (RO)	Result 5/14/2015	Result 5/24/2016	Result 5/17/2017	Result 5/9/2018	Result 5/6/2019	Result 5/12/2020	Result 5/12/2021	Result (DUP) 5/12/2021	Result 5/10/2022
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000216	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0002	< 0.000144	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	---	**0.00291**	< 0.002	< 0.002	< 0.00144 C	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	< 0.00719	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000216	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000144	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	< 0.00719	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.0001	---	---	---	---	< 0.00719	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	< 0.0002	< 0.000288	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.000432	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002	< 0.000144	< 0.0002	< 0.0002	< 0.0002 B
Benzene	µg/L	5.0	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	**0.21 B**	< 0.2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 2 B	< 2	< 2	**5.2**	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 2	< 2	< 2	< 2	< 2

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-11 Analyte	Unit	Remediation Objective (RO)	Result 5/13/2015	Result 5/26/2016	Result 5/17/2017	Well Destroyed
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	---	< 0.002	
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	
m,p-Cresol	mg/L	-	< 0.0001	---	---	
o-Cresol	mg/L	0.35	< 0.0001	---	---	
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	
Benzene	µg/L	5.0	< 2	< 2	< 2	
Bromoform	µg/L	1.0	< 2	< 2	< 2	
Ethylbenzene	µg/L	700	< 2	< 2	< 2	
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	
Methylene chloride	µg/L	5.0	< 0.2	< 0.2 B	< 0.2	
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	
o-Xylene	µg/L	-	< 2	< 2	< 2	
Toluene	µg/L	1000	< 2	< 2	< 2	
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-12 Analyte	Unit	Remediation Objective (RO)	Result 5/13/2015	Result 5/26/2016	Result 5/17/2017	Result 5/10/2018	Result 5/6/2019	Result 5/12/2020	Result 5/12/2021	Result 5/11/2022
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000233	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000055 J**	< 0.000078	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000056 J**	< 0.000078	**0.000106**	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	**0.000043 J**	< 0.0002	< 0.000155	**0.000203**	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	**0.000056 J**	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	---	< 0.002	< 0.002	< 0.002	< 0.00155 C	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000044 J**	< 0.000078	**0.000056 J**	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	< 0.00775	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000233	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000155	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	< 0.00775	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.0001	---	---	---	---	< 0.00775	< 0.01	< 0.0004
Naphthalene	mg/L	0.14	---	---	---	---	< 0.0002	< 0.00031	< 0.0004	< 0.01
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.000465	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002	< 0.000155	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2 B	< 0.2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 2 B	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	**0.25 J**	< 2	**0.18 J**	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 1 B	< 2	< 2	< 2	< 2

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-13D Analyte	Unit	Remediation Objective (RO)	Result 5/14/2015	Result (DUP) 5/14/2015	Result 5/26/2016	Result 5/18/2017	Result 5/9/2018	Result 5/6/2019	Result 5/13/2020	Result 5/13/2021	Result 5/11/2022
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000076	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000076	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000229	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	**0.00011**	< 0.0001	< 0.0001	< 0.0001	< 0.000076	**0.00007** J	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	**0.00024**	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	**0.00035**	< 0.0001	< 0.0001	< 0.0001	< 0.000076	**0.000102**	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	**0.00061** J	< 0.00076	< 0.0001	< 0.0002	< 0.000153	**0.00024**	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	**0.00029**	< 0.0001	< 0.0001	< 0.0001	< 0.000076	**0.000167**	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	---	< 0.002	< 0.002	< 0.002	< 0.00153 C	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000076	**0.000104**	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	**0.0006**	< 0.0001	< 0.0001	< 0.0001	< 0.000076	**0.000244**	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	**0.0033**	---	---	< 0.00763	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000229	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000153	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	**0.00059**	< 0.0001	< 0.0001	< 0.0001	< 0.000076	**0.000235**	< 0.0002
m,p-Cresol	mg/L	-	< 0.0001	< 0.0001	---	---	---	---	< 0.00763	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	---	---	---	---	< 0.00763	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	< 0.0002	< 0.000305	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.000458	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002	< 0.000153	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	**0.25**	**0.22**	< 0.2 B	< 0.2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 2 B	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 1 B	< 2	< 2	< 2	< 2

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

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

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
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Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-14 Analyte	Unit	Remediation Objective (RO)	Result 3/3/2015	Result (DUP) 3/3/2015	Result 5/11/2015	Result 8/18/2015	Result 11/3/2015	Result 2/16/2016	Result 5/24/2016	Result 8/17/2016	Result 11/15/2016
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.00227	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.00227	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.00227	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00023	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0018** J	**0.00214**	**0.00952**	**0.00738**	**0.00818**	**0.0154**	---	---	---
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.00227	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.00023	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.00023	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.0001	**0.00014**	< 0.00023	< 0.0001	< 0.0001	< 0.0001	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.00227	< 0.0064	**0.0001** J	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.00227	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	**0.22**
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	**0.26** J	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-14 Analyte	Unit	Remediation Objective (RO)	Result 2/15/2017	Result 5/16/2017	Result 8/16/2017	Result 11/21/2017	Result 2/15/2018	Result 5/7/2018	Result 8/13/2018	Result 11/7/2018	Result 2/19/2019
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	**0.0316**	**0.00962**	< 0.006	**0.0094**	**0.00367**	**0.0173**	**0.0126**	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000031** J	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	---	---	---	---
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	**0.000095**	< 0.0001 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	**0.000182** B	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002 B
Benzene	µg/L	5.0	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.5	**0.2** J	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.1	< 2	**1.4** J	< 2	< 2	**2.89**
o-Xylene	µg/L	-	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

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

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-14 Analyte	Unit	Remediation Objective (RO)	Result 2/23/2021	Result 5/11/2021	Result 8/12/2021	Result 11/9/2021	Result 2/16/2022	Result 5/11/2022	Result 9/7/2022	Result 11/29/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00935**	**0.00934**	**0.0139**	**0.0200 B**	**0.0016 J**	**0.0018 J**	**0.00578 S**	**0.00304**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	**0.38 J**	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	**0.72 J**	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	**1.6 J**	**0.49 J**	< 2	**2.53**	< 2	< 2	< 2	**0.62 J**
o-Xylene	µg/L	-	< 1	< 1	< 1	**0.36 J**	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	**0.19 J**	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	**1.1 J**	< 2	< 2	< 2	< 2

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-15 Analyte	Unit	Remediation Objective (RO)	Result 3/3/2015	Result 5/13/2015	Result 8/19/2015	Result (DUP) 8/19/2015	Result 11/3/2015	Result 2/17/2016	Result 5/25/2016	Result (DUP) 5/25/2016
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01 S	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066 S	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076 S	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0012** J	**0.00365** SR	**0.00612**	**0.00583**	**0.00277**	**0.0025**	---	---
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033 S	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021 S	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	**0.00016**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064 S	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027 S	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	**0.38** J	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	**0.22** B	< 0.2 B
Naphthalene	µg/L	140	< 0.6	< 0.6	**2.6**	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	**0.38** J	< 4	< 4	< 4	< 4	< 4

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-15 Analyte	Unit	Remediation Objective (RO)	Result 8/17/2016	Result 11/15/2016	Result 2/15/2017	Result 5/16/2017	Result 8/17/2017	Result 11/22/2017	Result 2/15/2018	Result 5/8/2018	Result (DUP) 5/8/2018
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	**0.000064 J**	**0.000053 J**
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	**0.000053 J**	**0.000076 J**	**0.000063 J**
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	**0.00006 J**	**0.00006 J**	**0.00006 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	---	---	**0.00335**	**0.00567**	< 0.006	**0.0111**	**0.00563**	**0.0109**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---	---	---	---
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	**0.00012 J**	< 0.0001	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	**0.000095 J**	**0.0001**	**0.000072 J**	**0.00011**	**0.000101**
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	**0.000119**	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	**0.0001 J**	< 0.0001	**0.000066 J**	< 0.0001	< 0.0001
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.5	< 0.5	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	**0.9**	< 2	< 2	**0.8 J**	< 2 B
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 1	< 1	< 1	< 1 B

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-15 Analyte	Unit	Remediation Objective (RO)	Result 8/14/2018	Result 11/7/2018	Result 2/20/2019	Result 5/8/2019	Result 8/14/2019	Result 11/14/2019	Result 2/20/2020	Result 5/13/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001 S	**0.000055 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074
Acenaphthylene	mg/L	-	< 0.0001	**0.000063 JS**	**0.000069 J**	< 0.0001	< 0.0001	< 0.0001	**0.000058 J**	< 0.000074
Anthracene	mg/L	2.1	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000222
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< **0.0001 S**	**0.000052 J**	< 0.0001	< 0.0001	< 0.0001	**0.000061 J**	< 0.000074
Benzo(a)pyrene	mg/L	0.0002	< 0.0001 S	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000078 J**	< 0.000074
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001 S	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000082 J**	< 0.000074
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0001 S	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000148
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00274 SR**	**0.0039**	**0.00327**	**0.014**	**0.00331**	**0.00802**	< 0.002	< 0.00148 C
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00741
Fluoranthene	mg/L	0.28	**0.00015 J**	< 0.0002 S	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000222
Fluorene	mg/L	0.28	< 0.0001	< 0.0001 S	**0.0001 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000148
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001 R	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000085 J**	< 0.000074
m,p-Cresol	mg/L	-	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00741
o-Cresol	mg/L	0.35	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00741
Naphthalene	mg/L	0.14	---	---	---	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000296
Phenanthrene	mg/L	-	< 0.0004	< 0.0004 S	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000444
Pyrene	mg/L	0.21	**0.000143**	< 0.0002 S	**0.00011 BJ**	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000148
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	**1.7 J**	< 2	< 2	**1.6 J**	**1.7 J**	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 1	< 1	< 1	< 2	< 2	< 2	< 2	< 2

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-15 Analyte	Unit	Remediation Objective (RO)	Result 8/13/2020	Result 11/10/2020	Result 2/23/2021	Result 5/13/2021	Result 8/12/2021	Result 11/9/2021	Result 2/17/2022	Result - DUP 2/17/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	**0.000081** J	< 0.0001	0.000063 J	< 0.0001	< 0.0001	< 0.0001	**0.000074** J
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	**0.000084** J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	**0.000069** J	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000075** J	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002 C	< 0.002 C	< 0.002	< 0.002	< 0.002	< 0.002 B	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	**0.000074** J	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006 R	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	**0.16** J	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	**0.43** J	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2 B	**1.1** J	< 2	< 2	**1.6** J	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	**0.13** J	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	**0.56** J	< 2	< 2

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-15 Analyte	Unit	Remediation Objective (RO)	Result 5/11/2022	Result 9/9/2022	Result 11/29/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	**0.000094 J**
Acenaphthylene	mg/L	-	< 0.0001	**0.000077 J**	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	**0.000287**
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0004	**0.00366**	**0.00414**
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	**0.55 J**
o-Xylene	µg/L	-	< 1	**0.11 J**	< 1
Toluene	µg/L	1000	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-16S Analyte	Unit	Remediation Objective (RO)	Result 3/2/2015	Result 5/12/2015	Result 8/18/2015	Result 11/2/2015	Result 2/17/2016	Result 5/24/2016	Result 8/16/2016	Result 11/15/2016
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	---	---	---
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	**0.00017** J	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	**0.62**	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-16S Analyte	Unit	Remediation Objective (RO)	Result 2/14/2017	Result 5/15/2017	Result 8/16/2017	Result 11/20/2017	Result 2/14/2018	Result 5/7/2018	Result 8/14/2018	Result 11/6/2018	Result 2/18/2019
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	**0.00264**	**0.00446**	< 0.006	**0.0446**	**0.0293**	**0.0142**	< 0.002	**0.00774**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	---	---	---	---
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	**0.000133 B**	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002 B
Benzene	µg/L	5.0	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.5	**0.34 J**	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.1	< 2	**0.7 J**	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-16S Analyte	Unit	Remediation Objective (RO)	Result 5/7/2019	Result 8/12/2019	Result 11/11/2019	Result 2/18/2020	Result 5/11/2020	Result 8/12/2020	Result 11/9/2020	Result 2/22/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000227	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0001	< 0.0001	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000152	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00353**	**0.012**	**0.00454**	**0.0327**	**0.00207 C**	**0.00771 C**	**0.00589**	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0001	< 0.0001	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	---	< 0.01	< 0.01	< 0.01	< 0.00758	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	**0.000273**	< 0.0002	< 0.000227	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000152	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0001	< 0.0001	< 0.0002
m,p-Cresol	mg/L	-	---	< 0.01	< 0.01	< 0.01	< 0.00758	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	< 0.01	< 0.01	< 0.01	< 0.00758	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000303	**0.00164**	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000455	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	**0.00011 J**	< 0.0002	< 0.000152	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2 B	< 2	**1 J**	**1.1 J**	< 2	< 2	< 2 B	**0.43 J**
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-16S Analyte	Unit	Remediation Objective (RO)	Result 5/10/2021	Result 8/10/2021	Result 11/8/2021	Result 2/15/2022	Result 5/9/2022	Result 9/6/2022	Result 11/28/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	**0.000076** J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00203**	**0.0068**	**0.0016** J	**0.0016** J	**0.0019** J	**0.0024**	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	**0.00057**	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	**0.000992**	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0006	**0.00255**	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	**0.000486**	< 0.0002	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	**0.16** J	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	**0.49** J	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	**1.2** J	< 2	< 2	< 2	**0.52** J
o-Xylene	µg/L	-	< 1	< 1	**0.12** J	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	**0.61** J	< 2	< 2	< 2	< 2

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-16D Analyte	Unit	Remediation Objective (RO)	Result 3/2/2015	Result 5/11/2015	Result 5/11/2015	Result 8/17/2015	Result 11/2/2015	Result 2/17/2016	Result 5/24/2016	Result 8/16/2016
Acenaphthene	mg/L	0.42	< 0.01	< 0.00263	< 0.00263	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.00263	< 0.00263	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.00263	< 0.00263	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00026	< 0.00026	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00272**	**0.0095**	**0.0095**	**0.0031**	**0.00294**	**0.00425**	---	---
Chrysene	mg/L	0.0015	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.00263	< 0.00263	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.00026	< 0.00026	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.00026	< 0.00026	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.00263	< 0.00263	< 0.0064	**0.00011 J**	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.00263	< 0.00263	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	**0.89 J**	**0.95 J**	**0.95 J**	**0.99 J**	**1.2 J**	**0.88 J**	**0.57 J**	**0.44 J**
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-16D Analyte	Unit	Remediation Objective (RO)	Result 11/14/2016	Result 2/14/2017	Result 5/15/2017	Result 8/16/2017	Result 11/20/2017	Result 2/14/2018	Result (DUP) 2/14/2018
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	**0.00032 J**	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.0001
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	---	**0.0138**	**0.0019 J**	< 0.008	**0.00465**	**0.0438**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---	---	---
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	**0.00021 J**	< 0.0001 B	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	**0.00011 J**	< 0.0064	**0.000124 B**	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	**0.00011 J**	< 0.0001 B	< 0.0001	< 0.0001
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 0.5	< 0.5	**0.23 J**
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.5	< 0.5	**0.22 J**
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.1	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	**0.51 J**	**0.44 J**	**0.67 J**	**0.8 J**	< 2	**0.56 J**	**0.53 J**
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 1	< 1	< 1

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-16D Analyte	Unit	Remediation Objective (RO)	Result 5/7/2018	Result 8/14/2018	Result 11/6/2018	Result 2/18/2019	Result 5/7/2019	Result (DUP) 5/7/2019	Result 8/12/2019	Result 11/12/2019	Result 2/18/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00939**	**0.0035**	**0.00566**	**0.00573**	< 0.01 S	**0.00421**	**0.0141**	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0001	< 0.0001	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	**0.22 J**	**0.41 J**	**0.56**	**0.71**	**0.71**	**0.77**	**0.3 J**	**0.11 J**	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	**0.2 J**	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	**0.81 J**	**0.48 J**	< 2 B	< 2	**0.79 J**	**0.83 J**
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	**0.12 J**	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	**0.39 J**	**0.3 J**	< 2	**0.13 J**	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 1	< 1	< 1	< 1	< 2	< 2	< 2	< 2	< 2

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-16D Analyte	Unit	Remediation Objective (RO)	Result 5/11/2020	Result 8/12/2020	Result 11/9/2020	Result 2/22/2021	Result 5/10/2021	Result 8/10/2021	Result 11/8/2021	Result 2/15/2022	Result 5/9/2022
Acenaphthene	mg/L	0.42	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.000222	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.000074	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000076 J**	< 0.0001	**0.0016 J**	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.000148	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.012 C**	**0.00595 C**	**0.011 C**	**0.005**	**0.002 J**	**0.00206**	< 0.002	< 0.002	**0.00299**
Chrysene	mg/L	0.0015	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000074	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.00741	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.000222	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.000148	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000074	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.00741	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.00741	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.000296	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.000444	< 0.0006	< 0.0006	**0.00101**	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.000148	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 B
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.15 J**	< 0.5	< 0.5	**0.38 J**
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	**0.16 J**	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	**0.52 J**	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2 B	**0.34 J**	< 2	< 2	**0.92** J	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	**0.13** J	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**0.13 J**	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	**0.65 J**	< 2	< 2

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-16D Analyte	Unit	Remediation Objective (RO)	Result 9/6/2022		Result 11/28/2022	
Acenaphthene	mg/L	0.42	< 0.0001		< 0.0001	
Acenaphthylene	mg/L	-	< 0.0001		< 0.0001	
Anthracene	mg/L	2.1	< 0.0003		< 0.0003	
Benzo(a)anthracene	mg/L	0.00013	< 0.0001		< 0.0001	
Benzo(a)pyrene	mg/L	0.0002	< 0.0002		< 0.0002	
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001		< 0.0001	
Benzo(g,h,i)perylene	mg/L	-	< 0.0002		< 0.0002	
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001		< 0.0001	
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0017**	J	< 0.002	
Chrysene	mg/L	0.0015	< 0.0001		< 0.0001	
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002		< 0.0002	
Di-n-butyl phthalate	mg/L	0.7	< 0.01		< 0.01	
Fluoranthene	mg/L	0.28	< 0.0003		< 0.0003	
Fluorene	mg/L	0.28	< 0.0002		< 0.0002	
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002		< 0.0002	
m,p-Cresol	mg/L	-	< 0.01		< 0.01	
o-Cresol	mg/L	0.35	< 0.01		< 0.01	
Naphthalene	mg/L	0.14	< 0.0004		< 0.0004	
Phenanthrene	mg/L	-	< 0.0006		< 0.0006	
Pyrene	mg/L	0.21	< 0.0002		< 0.0002	
Benzene	µg/L	5.0	**0.52**		**0.71**	
Bromoform	µg/L	1.0	< 2		< 0.2	
Ethylbenzene	µg/L	700	< 1		< 1	
m,p-Xylenes	µg/L	-	< 1		< 1	
Methylene chloride	µg/L	5.0	< 2		< 2	
Naphthalene	µg/L	140	< 2		**0.51**	J
o-Xylene	µg/L	-	< 1		< 1	
Toluene	µg/L	1000	< 2		< 2	
trans-1,2-Dichloroethene	µg/L	100	**0.1**	J	**0.12**	J
Xylenes, Total	µg/L	10000	< 2		< 2	

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-17 Analyte	Unit	Remediation Objective (RO)	Result 3/2/2015	Result 5/12/2015	Result 8/18/2015	Result 11/2/2015	Result 2/17/2016	Result 5/24/2016	Result 8/16/2016	Result 11/15/2016	Result 2/14/2017	Result 5/15/2017	Result 8/16/2017
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	---	---	---	---	**0.00225**	**0.00328**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	**0.0001** J	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	**0.98** B	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	**0.5** J	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

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

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-17 Analyte	Unit	Remediation Objective (RO)	Result 8/12/2020	Result 11/11/2020	Result 2/22/2021	Result 5/10/2021	Result 8/10/2021	Result 11/8/2021	Result 2/15/2022	Result 5/9/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000074 J	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00467 C**	< 0.002 C	**0.0029**	< 0.002	0.00739	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	**0.000078 J**	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 B
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	**0.12 J**	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	**0.53 J**	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2 B	**0.38 J**	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	**0.12 J**	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	**0.65 J**	< 2	< 2

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-17 Analyte	Unit	Remediation Objective (RO)	Result 9/6/2022	Result 11/28/2022	
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00752**	< 0.002	
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	
m,p-Cresol	mg/L	-	< 0.01	< 0.01	
o-Cresol	mg/L	0.35	< 0.01	< 0.01	
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	
Benzene	µg/L	5.0	< 0.5	< 0.5	
Bromoform	µg/L	1.0	< 2	< 2	
Ethylbenzene	µg/L	700	< 1	< 1	
m,p-Xylenes	µg/L	-	< 1	< 1	
Methylene chloride	µg/L	5.0	< 2	< 2	
Naphthalene	µg/L	140	< 2	**0.49**	J
o-Xylene	µg/L	-	< 1	< 1	
Toluene	µg/L	1000	< 2	< 2	
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	
Xylenes, Total	µg/L	10000	< 2	< 2	

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-18S Analyte	Unit	Remediation Objective (RO)	Result 3/4/2015	Result 5/12/2015	Result 8/19/2015	Result 11/4/2015	Result 2/18/2016	Result 5/25/2016	Result 8/18/2016	Result 11/16/2016
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0011** J	< 0.002	**0.00211**	**0.0014** J	**0.0013** J	---	---	---
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	**0.2** B	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	**0.94**	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-18S Analyte	Unit	Remediation Objective (RO)	Result 2/16/2017	Result 5/17/2017	Result 8/18/2017	Result 11/21/2017	Result 2/15/2018	Result 5/8/2018	Result 8/14/2018	Result 11/8/2018	Result 2/19/2019
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	**0.000118 S**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	**0.000132 S**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	**0.00827**	**0.0015 J**	< 0.006 S	**0.00347**	**0.00327**	< 0.002	< 0.002	**0.00433**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	---	---	---	---
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	**0.000092 J**	< 0.0001 S	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	**0.000143**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0001	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002 B
Benzene	µg/L	5.0	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.5	< 0.5	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 2	< 2	< 2	< 2	< 2	**0.52 J**
o-Xylene	µg/L	-	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1

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

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Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-18S Analyte	Unit	Remediation Objective (RO)	Result 5/7/2019	Result 8/13/2019	Result 11/12/2019	Result 2/19/2020	Result 5/13/2020	Result 8/14/2020	Result 11/11/2020	Result 2/23/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	**0.000114**	< 0.000234	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	**0.000054 J**	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.005	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.005	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.01	< 0.0002	< 0.000156	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.005	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00229**	**0.00265**	**0.0037**	**0.0118**	**0.00309**	**0.00244 C**	**0.00299**	**0.00249**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	**0.000051 J**	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.005	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	---	< 0.01	< 0.01	< 0.01	< 0.00781	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000234	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000156	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.005	< 0.0001	< 0.000078	**0.00007 J**	< 0.0001	< 0.0002
m,p-Cresol	mg/L	-	---	< 0.01	< 0.01	< 0.01	< 0.00781	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	< 0.01	< 0.01	< 0.01	< 0.00781	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000312	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000469	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	**0.00011 J**	< 0.000156	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	**0.94 J**	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	**0.52 J**	< 2	< 2	< 2 B	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
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Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-18S Analyte	Unit	Remediation Objective (RO)	Result 5/11/2021	Result 8/11/2021	Result 11/10/2021	Result - DUP 11/10/2021	Result 2/16/2022	Result 5/9/2022	Result 9/7/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003 B	< 0.0003 B	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	**0.000071 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00329**	< 0.002	**0.00305**	< 0.002	< 0.002	< 0.002	**0.00228**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 B	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	**0.11 J**	**0.13 J**	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	**0.39 J**	**0.45 J**	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	**0.11 J**	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	**0.13 J**	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	**0.39 J**	**0.56 J**	< 2	< 2	< 2

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-18S Analyte	Unit	Remediation Objective (RO)	Result 11/29/2022		
Acenaphthene	mg/L	0.42	<	0.0001	
Acenaphthylene	mg/L	-	<	0.0001	
Anthracene	mg/L	2.1	<	0.0003	
Benzo(a)anthracene	mg/L	0.00013	<	0.0001	
Benzo(a)pyrene	mg/L	0.0002	<	0.0002	
Benzo(b)fluoranthene	mg/L	0.00018	<	0.0001	
Benzo(g,h,i)perylene	mg/L	-	<	0.0002	
Benzo(k)fluoranthene	mg/L	0.00017	<	0.0001	
Bis(2-ethylhexyl)phthalate	mg/L	0.006	<	0.002	
Chrysene	mg/L	0.0015	<	0.0001	
Dibenzo(a,h)anthracene	mg/L	0.0003	<	0.0002	
Di-n-butyl phthalate	mg/L	0.7	<	0.01	
Fluoranthene	mg/L	0.28	<	0.0003	
Fluorene	mg/L	0.28	<	0.0002	
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	<	0.0002	
m,p-Cresol	mg/L	-	<	0.01	
o-Cresol	mg/L	0.35	<	0.01	
Naphthalene	mg/L	0.14	<	0.0004	
Phenanthrene	mg/L	-	<	0.0006	
Pyrene	mg/L	0.21	<	0.0002	
Benzene	µg/L	5.0	<	0.5	
Bromoform	µg/L	1.0	<	2	
Ethylbenzene	µg/L	700	<	1	
m,p-Xylenes	µg/L	-	<	1	
Methylene chloride	µg/L	5.0	<	2	
Naphthalene	µg/L	140		**0.48**	**J**
o-Xylene	µg/L	-	<	1	
Toluene	µg/L	1000	<	2	
trans-1,2-Dichloroethene	µg/L	100	<	2	
Xylenes, Total	µg/L	10000	<	2	

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-18D		Remediation	Result	Result	Result (DUP)	Result	Result	Result	Result (DUP)
Analyte	**Unit**	**Objective (RO)**	**3/4/2015**	**5/12/2015**	**5/12/2015**	**8/19/2015**	**11/4/2015**	**2/18/2016**	**2/18/2016**
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0014 J**	**0.0014 J**	**0.0033**	**0.003**	**0.0019 J**	**0.00201**	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	**5.63**	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	**0.3 J**	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-18D		Remediation	Result	Result	Result	Result	Result	Result	Result	Result (DUP)	Result	Result
Analyte	Unit	Objective (RO)	5/25/2016	8/18/2016	11/16/2016	2/16/2017	5/17/2017	8/18/2017	11/21/2017	11/21/2017	2/15/2018	5/8/2018
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	---	---	---	**0.00679**	**0.00472**	< 0.006	< 0.006	**0.00371**	**0.00222**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---	---	---	---
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	**0.00015** J	< 0.0001	< 0.0001	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0001	**0.000108**	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	**0.21** B	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.5	< 0.5	< 0.5	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 1	< 1	< 1	< 1

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-18D		Remediation	Result	Result	Result	Result	Result	Result	Result	Result	Result
Analyte	Unit	Objective (RO)	8/14/2018	11/8/2018	2/19/2019	5/7/2019	8/13/2019	11/12/2019	2/19/2020	5/13/2020	8/14/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001	< 0.0001	< 0.0001	< 0.000233	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001	< 0.005	< 0.0001	< 0.000078	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001	< 0.005	< 0.0001	< 0.000078	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001	< 0.005	< 0.0001	< 0.000078	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.00111	< 0.0002	< 0.01	< 0.0002	< 0.000155	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001	< 0.005	< 0.0001	< 0.000078	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00371**	< 0.002	< 0.002	< 0.0111	**0.00517**	< 0.1	**0.00559**	< 0.00155 C	< 0.002 C
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001	< 0.005	< 0.0001	< 0.000078	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001	< 0.005	< 0.0001	< 0.000078	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00775	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.00111	< 0.0002	< 0.0002	< 0.0002	< 0.000233	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001	< 0.0001	< 0.0001	< 0.000155	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001	< 0.005	< 0.0001	< 0.000078	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00775	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00775	< 0.01
Naphthalene	mg/L	0.14	---	---	---	< 0.00111	< 0.0002	< 0.0002	< 0.0002	< 0.00031	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.00222	< 0.0004	< 0.0004	< 0.0004	< 0.000465	< 0.0006
Pyrene	mg/L	0.21	< 0.0001	< 0.0002	< 0.0002 B	< 0.00111	< 0.0002	< 0.0002	< 0.0002	< 0.000155	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	**0.13 J**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	< 2	**0.45 J**	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	**0.25 J**	**0.4 J**	**0.42 J**	< 2	**0.32 J**	**0.21 J**	< 2	**0.13 J**
Xylenes, Total	µg/L	10000	< 1	< 1	< 1	< 2	< 2	< 2	< 2	< 2	< 2

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-18D		Remediation	Result		Result		Result (DUP)		Result		Result		Result		Result		Result	
Analyte	Unit	Objective (RO)	11/11/2020		2/23/2021		2/23/2021		5/11/2021		8/11/2021		11/10/2021		2/16/2022		5/9/2022	
Acenaphthene	mg/L	0.42	< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001	
Acenaphthylene	mg/L	-	< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001	
Anthracene	mg/L	2.1	< 0.0003		< 0.0003		< 0.0003		< 0.0003		< 0.0003		< 0.0003	B	< 0.0003		< 0.0003	
Benzo(a)anthracene	mg/L	0.00013	< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001	
Benzo(a)pyrene	mg/L	0.0002	< 0.0001		< 0.0002		< 0.0002		< 0.0002		< 0.0002		< 0.0002		< 0.0002		< 0.0002	
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001	
Benzo(g,h,i)perylene	mg/L	-	< 0.0002		< 0.0002		< 0.0002		< 0.0002		< 0.0002		< 0.0002		< 0.0002		< 0.0002	
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001	
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00331**		< 0.002		**0.0019**	J	**0.00269**		< 0.002		< 0.002		< 0.002		**0.00295**	
Chrysene	mg/L	0.0015	< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001	
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001		< 0.0002		< 0.0002		< 0.0002		< 0.0002		< 0.0002		< 0.0002		< 0.0002	
Di-n-butyl phthalate	mg/L	0.7	< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		< 0.01	
Fluoranthene	mg/L	0.28	< 0.0003		< 0.0003		< 0.0003		< 0.0003		< 0.0003		< 0.0003		< 0.0003		< 0.0003	
Fluorene	mg/L	0.28	< 0.0002		< 0.0002		< 0.0002		< 0.0002		< 0.0002		< 0.0002		< 0.0002		< 0.0002	
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001		< 0.0002		< 0.0002		< 0.0002		< 0.0002		< 0.0002		< 0.0002		< 0.0002	
m,p-Cresol	mg/L	-	< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		< 0.01	
o-Cresol	mg/L	0.35	< 0.0004		< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		< 0.01		< 0.01	
Naphthalene	mg/L	0.14	< 0.01		< 0.0004		< 0.0004		< 0.0004		< 0.0004		< 0.0004		< 0.0004		< 0.0004	
Phenanthrene	mg/L	-	< 0.0006		< 0.0006		**0.00185**		< 0.0006		< 0.0006		< 0.0006		< 0.0006		< 0.0006	
Pyrene	mg/L	0.21	< 0.0002		< 0.0002		< 0.0002		< 0.0002		< 0.0002		< 0.0002		< 0.0002		< 0.0002	B
Benzene	µg/L	5.0	< 0.5		< 0.5		< 0.5		< 0.5		< 0.5		< 0.5		< 0.5		< 0.5	
Bromoform	µg/L	1.0	< 2		< 2		< 2		< 2		< 2		< 2		< 2		< 2	
Ethylbenzene	µg/L	700	< 1		< 1		< 1		< 1		< 1		**0.13**	J	< 1		< 1	
m,p-Xylenes	µg/L	-	< 1		< 1		< 1		< 1		< 1		**0.41**	J	< 1		< 1	
Methylene chloride	µg/L	5.0	< 2		< 2		< 2		< 2		< 2		< 2		< 2		< 2	
Naphthalene	µg/L	140	< 2	B	< 2		< 2		< 2		< 2		< 2		< 2		< 2	
o-Xylene	µg/L	-	< 1		< 1		< 1		< 1		< 1		**0.13**	J	< 1		< 1	
Toluene	µg/L	1000	< 2		< 2		< 2		< 2		< 2		< 2		< 2		< 2	
trans-1,2-Dichloroethene	µg/L	100	< 2		< 2		< 2		< 2		< 2		< 2		< 2		< 2	
Xylenes, Total	µg/L	10000	< 2		< 2		< 2		< 2		< 2		**0.54**	J	< 2		< 2	

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-18D Analyte	Unit	Remediation Objective (RO)	Result 9/7/2022	Result 11/29/2022	
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00284**	< 0.002	
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	
m,p-Cresol	mg/L	-	< 0.01	< 0.01	
o-Cresol	mg/L	0.35	< 0.01	< 0.01	
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	
Benzene	µg/L	5.0	< 0.5	< 0.5	
Bromoform	µg/L	1.0	< 2	< 2	
Ethylbenzene	µg/L	700	< 1	< 1	
m,p-Xylenes	µg/L	-	< 1	< 1	
Methylene chloride	µg/L	5.0	< 2	< 2	
Naphthalene	µg/L	140	< 2	**0.54**	**J**
o-Xylene	µg/L	-	< 1	< 1	
Toluene	µg/L	1000	< 2	< 2	
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	
Xylenes, Total	µg/L	10000	< 2	< 2	

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-19S Analyte	Unit	Remediation Objective (RO)	Result 3/4/2015	Result 5/11/2015	Result 8/20/2015	Result 11/4/2015	Result 2/18/2016	Result 5/25/2016	Result 8/18/2016
Acenaphthene	mg/L	0.42	< 0.01	< 0.00714 H	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.00714 H	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.00071 H	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00071 H	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00595**	**0.0304 H**	**0.00871**	**0.00222**	**0.00259**	---	---
Chrysene	mg/L	0.0015	< 0.0001	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	**0.00079 H**	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.00071 H	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.00071 H	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.0001 B	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.00071 H	< 0.0064	**0.0001 J**	**0.00012 J**	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.00071 H	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	**0.45 J**	< 4	< 4	< 4	< 4	< 4

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-19S Analyte	Unit	Remediation Objective (RO)	Result 11/16/2016	Result 2/16/2017	Result 5/17/2017	Result 8/18/2017	Result (DUP) 8/18/2017	Result 11/21/2017	Result 2/15/2018	Result 5/8/2018	Result 8/14/2018	Result 11/8/2018
Acenaphthene	mg/L	0.42	< 0.0002	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0002	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0002	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	---	**0.0109**	**0.00473**	**0.00579**	< 0.006	**0.0013** J	**0.00502**	**0.0149**	< **0.002**
Chrysene	mg/L	0.0015	< 0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0002	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---	---	---	---	---
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0021	< 0.0021	< 0.0021	< 0.0021	**0.000112**	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0002	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0002	< 0.0064	< 0.0064	< 0.0064	< 0.0064	**0.000175**	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0002	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002 B
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.5	< 0.5	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 2	< 2	< 2	**0.1** J	**0.11** J
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-19S Analyte	Unit	Remediation Objective (RO)	Result 2/19/2019	Result (DUP) 2/19/2019	Result 5/7/2019	Result 8/13/2019	Result 11/13/2019	Result 2/19/2020	Result 5/13/2020	Result 8/13/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000234	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000054 J**	< 0.0001	< 0.000078	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000071 J**	< 0.0001	< 0.000078	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	**0.000051 J**	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000156	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0146**	**0.00315**	**0.00632**	**0.0342**	**0.002 J**	< 0.002	< 0.00156 C	< 0.002 C
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000058 J**	< 0.0001	< 0.000078	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00781	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000234	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000156	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00781	< 0.01
o-Cresol	mg/L	0.35	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00781	< 0.01
Naphthalene	mg/L	0.14	---	---	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000312	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000469	< 0.0006
Pyrene	mg/L	0.21	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000156	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	**0.41 J**	< 2	< 2	< 2	< 2	**0.39 J**	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 1	< 1	< 2	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
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Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
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mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-19S Analyte	Unit	Remediation Objective (RO)	Result 11/10/2020	Result 2/23/2021	Result 5/11/2021	Result 8/11/2021	Result 11/10/2021	Result 2/16/2022	Result- DUP 2/16/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003 B	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002 C	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	**0.15 J**	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	**0.5 J**	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2 B	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	**0.11 J**	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	**0.61 J**	< 2	< 2

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-19S Analyte	Unit	Remediation Objective (RO)	Result 5/9/2022		Result 9/7/2022		Result 11/29/2022		Result - DUP 11/29/2022	
Acenaphthene	mg/L	0.42	< 0.0001		< 0.0001		< 0.0001		< 0.0001	
Acenaphthylene	mg/L	-	< 0.0001		< 0.0001		< 0.0001		< 0.0001	
Anthracene	mg/L	2.1	< 0.0003		< 0.0003		< 0.0003		< 0.0003	
Benzo(a)anthracene	mg/L	0.00013	< 0.0001		< 0.0001		< 0.0001		< 0.0001	
Benzo(a)pyrene	mg/L	0.0002	< 0.0002		< 0.0002		< 0.0002		< 0.0002	
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001		< 0.0001		< 0.0001		< 0.0001	
Benzo(g,h,i)perylene	mg/L	-	< 0.0002		< 0.0002		< 0.0002		< 0.0002	
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001		< 0.0001		< 0.0001		< 0.0001	
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002		**0.00238**		< 0.002		< 0.002	
Chrysene	mg/L	0.0015	< 0.0001		< 0.0001		< 0.0001		< 0.0001	
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002		< 0.0002		< 0.0002		< 0.0002	
Di-n-butyl phthalate	mg/L	0.7	< 0.01		< 0.01		< 0.01		< 0.01	
Fluoranthene	mg/L	0.28	< 0.0003		< 0.0003		< 0.0003		< 0.0003	
Fluorene	mg/L	0.28	< 0.0002		< 0.0002		< 0.0002		< 0.0002	
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002		< 0.0002		< 0.0002		< 0.0002	
m,p-Cresol	mg/L	-	< 0.01		< 0.01		< 0.01		< 0.01	
o-Cresol	mg/L	0.35	< 0.01		< 0.01		< 0.01		< 0.01	
Naphthalene	mg/L	0.14	< 0.0004		< 0.0004		< 0.0004		< 0.0004	
Phenanthrene	mg/L	-	< 0.0006		< 0.0006		< 0.0006		< 0.0006	
Pyrene	mg/L	0.21	< 0.0002	B	< 0.0002		< 0.0002		< 0.0002	
Benzene	µg/L	5.0	< 0.5		< 0.5		< 0.5		< 0.5	
Bromoform	µg/L	1.0	< 2		< 2		< 2		< 2	
Ethylbenzene	µg/L	700	< 1		< 1		< 1		< 1	
m,p-Xylenes	µg/L	-	< 1		< 1		< 1		< 1	
Methylene chloride	µg/L	5.0	< 2		< 2		< 2		< 2	
Naphthalene	µg/L	140	< 2		< 2		**0.5**	**J**	**0.46**	**BJ**
o-Xylene	µg/L	-	< 1		< 1		< 1		< 1	
Toluene	µg/L	1000	< 2		< 2		< 2		< 2	
trans-1,2-Dichloroethene	µg/L	100	< 2		< 2		< 2		< 2	
Xylenes, Total	µg/L	10000	< 2		< 2		< 2		< 2	

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-19D Analyte	Unit	Remediation Objective (RO)	Result 3/4/2015	Result 5/11/2015	Result 8/20/2015	Result 11/4/2015	Result 2/18/2016	Result 5/25/2016	Result 8/18/2016	Result 11/16/2016
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00207**	**0.00262**	**0.0023**	**0.0019** J	< 0.002	---	---	---
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	**0.00051** B	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---
o-Cresol	mg/L	0.35	**0.00021**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	**0.27** J	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-19D Analyte	Unit	Remediation Objective (RO)	Result 2/16/2017	Result 5/17/2017	Result 8/18/2017	Result 11/21/2017	Result 2/15/2018	Result 5/8/2018	Result 8/14/2018	Result 11/8/2018
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	**0.00452**	**0.00917**	**0.00917**	**0.00664**	**0.00352**	**0.00794**	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---	---	---	---
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0001	< 0.0001	< 0.0002
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.5	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 1	< 1	< 1	< 1

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-19D Analyte	Unit	Remediation Objective (RO)	Result 2/19/2019	Result 5/7/2019	Result 8/13/2019	Result 11/12/2019	Result 2/19/2020	Result 5/13/2020	Result - DUP 5/13/2020	Result 8/13/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.000073	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.000073	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000213	< 0.000219	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.000073	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.000073	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.000073	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000142	< 0.000146	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.000073	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0019 J**	**0.00434**	**0.0232**	**0.00425**	< 0.002	< 0.00142 C	< 0.00146 C	< 0.002 C
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.000073	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.000073	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	---	---	< 0.01	< 0.01	< 0.01	< 0.00709	< 0.0073	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000213	< 0.000219	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000142	< 0.000146	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.000073	< 0.0001
m,p-Cresol	mg/L	-	---	---	< 0.01	< 0.01	< 0.01	< 0.00709	< 0.0073	< 0.01
o-Cresol	mg/L	0.35	---	---	< 0.01	< 0.01	< 0.01	< 0.00709	< 0.0073	< 0.01
Naphthalene	mg/L	0.14	---	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000284	< 0.000292	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000426	< 0.000438	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000142	< 0.000146	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	**0.37 J**	< 2	< 2	< 2	< 2	< 2	< 2	**0.32 J**
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 1	< 2	< 2	< 2	< 2	< 2	< 2	< 2

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-19D Analyte	Unit	Remediation Objective (RO)	Result 11/10/2020	Result - DUP 11/10/2020	Result 2/23/2021	Result 5/11/2021	Result 8/11/2021	Result 11/10/2021	Result 2/16/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003 B	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002 C	< 0.002 C	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	**0.13 J**	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	**0.5 J**	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2 B	< 2 B	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	**0.12 J**	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	**0.62 J**	< 2

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-19D Analyte	Unit	Remediation Objective (RO)	Result 5/9/2022		Result 9/7/2022		Result 11/29/2022	
Acenaphthene	mg/L	0.42	< 0.0001		< 0.0001		< 0.0001	
Acenaphthylene	mg/L	-	< 0.0001		< 0.0001		< 0.0001	
Anthracene	mg/L	2.1	< 0.0003		< 0.0003		< 0.0003	
Benzo(a)anthracene	mg/L	0.00013	< 0.0001		< 0.0001		< 0.0001	
Benzo(a)pyrene	mg/L	0.0002	< 0.0002		< 0.0002		< 0.0002	
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001		< 0.0001		< 0.0001	
Benzo(g,h,i)perylene	mg/L	-	< 0.0002		< 0.0002		< 0.0002	
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001		< 0.0001		< 0.0001	
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002		**0.00391**		< 0.002	
Chrysene	mg/L	0.0015	< 0.0001		< 0.0001		< 0.0001	
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002		< 0.0002		< 0.0002	
Di-n-butyl phthalate	mg/L	0.7	< 0.01		< 0.01		< 0.01	
Fluoranthene	mg/L	0.28	< 0.0003		< 0.0003		< 0.0003	
Fluorene	mg/L	0.28	< 0.0002		< 0.0002		< 0.0002	
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002		< 0.0002		< 0.0002	
m,p-Cresol	mg/L	-	< 0.01		< 0.01		< 0.01	
o-Cresol	mg/L	0.35	< 0.01		< 0.01		< 0.01	
Naphthalene	mg/L	0.14	< 0.0004		< 0.0004		< 0.0004	
Phenanthrene	mg/L	-	< 0.0006		< 0.0006		< 0.0006	
Pyrene	mg/L	0.21	< 0.0002	B	< 0.0002		< 0.0002	
Benzene	µg/L	5.0	< 0.5		< 0.5		< 0.5	
Bromoform	µg/L	1.0	< 2		< 2		< 2	
Ethylbenzene	µg/L	700	< 1		< 1		< 1	
m,p-Xylenes	µg/L	-	< 1		< 1		< 1	
Methylene chloride	µg/L	5.0	< 2		< 2		< 2	
Naphthalene	µg/L	140	< 2		< 2		**0.47**	**BJ**
o-Xylene	µg/L	-	< 1		< 1		< 1	
Toluene	µg/L	1000	**0.12**	**J**	< 2		< 2	
trans-1,2-Dichloroethene	µg/L	100	< 2		< 2		< 2	
Xylenes, Total	µg/L	10000	< 2		< 2		< 2	

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
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mg/L = milligrams per liter
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Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-20 Analyte	Unit	Remediation Objective (RO)	Result 3/5/2015	Result (DUP) 3/5/2015	Result 5/11/2015	Result 8/20/2015	Result 11/4/2015	Result 2/18/2016	Result 5/27/2016	Result 8/18/2016
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	**0.00009** J	**0.00016**	< 0.0001	< 0.0001	**0.00008** J	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	**0.00024**	**0.00026**	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	**0.00019**	**0.00022**	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	**0.00024** J	**0.00024** J	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	---	---
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	**0.00011** J	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	**0.00015**	**0.00016**	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.0001 B	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	**0.0001** J	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	**0.00014** J	**0.00019** J	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-20 Analyte	Unit	Remediation Objective (RO)	Result 11/16/2016	Result 2/16/2017	Result 5/17/2017	Result 8/18/2017	Result 11/21/2017	Result 2/15/2018	Result 5/10/2018	Result 8/14/2018
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	**0.00007 J**	**0.000184**
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	**0.00009 J**	**0.00007 J**	< 0.0001	< 0.0001	< 0.0001	**0.000058 J**	**0.000086 J**	**0.000146**
Benzo(a)pyrene	mg/L	0.0002	**0.0001 J**	< 0.0001	< 0.0001	< 0.0001	**0.000214**	**0.000089 J**	**0.000178**	**0.000471**
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000205**	**0.000074 J**	**0.000128**	**0.000364**
Benzo(g,h,i)perylene	mg/L	-	**0.00012 J**	< 0.00076	< 0.00076	< 0.00076	**0.000186**	**0.000138**	**0.000224**	**0.000513**
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000064 J**	**0.000163**
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	---	< 0.002	< 0.002	< 0.006	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000108**	< 0.0001	**0.000055 J**	**0.000223**
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000075 J**
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---	---	---	---
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	**0.000094 J**	**0.000165**	< 0.0002	< 0.0002	**0.00017 J**
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000321**	**0.000096 J**	**0.000244**	**0.000536**
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	**0.00014 BJ**	**0.000205**	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	**0.000097 J**	**0.00018**	**0.000056 J**	**0.000135**	**0.000336**
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.5	< 0.5	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	**0.45 J**	< 5	< 5	< 5	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 1	< 1	< 1	< 1

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-20 Analyte	Unit	Remediation Objective (RO)	Result 11/8/2018	Result 2/19/2019	Result 5/7/2019	Result 8/13/2019	Result 11/14/2019	Result 2/19/2020	Result 5/13/2020	Result 8/14/2020	Result 11/10/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000077	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000111**	< 0.0001	**0.000106**	**0.00014**	**0.000155**
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000231	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	**0.000053 J**	**0.000087 J**	< 0.0001	**0.000129**	**0.0002**	**0.000141**
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	**0.000052 J**	< 0.0001	**0.000082 J**	**0.000249**	**0.000107**	**0.000337**	**0.00065**	**0.000505**
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	**0.00007 J**	**0.000214**	**0.000138**	**0.000283**	**0.00059**	**0.000342**
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	**0.000076 J**	< 0.0002	< 0.0002	**0.000279**	**0.00017 J**	**0.000366**	**0.00081**	**0.000547**
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000055 J**	< 0.0001	**0.000099**	**0.00015**	**0.000085 J**
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.00154 C	< 0.002 C	< 0.002 C
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000109**	< 0.0001	**0.00013**	**0.00025**	**0.000183**
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000077	**0.00014**	**0.00008 J**
Di-n-butyl phthalate	mg/L	0.7	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00769	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000231	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000154	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	**0.0001**	**0.000197**	**0.000148**	**0.000251**	**0.00054**	**0.000319**
m,p-Cresol	mg/L	-	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00769	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00769	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	---	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000308	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000462	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	**0.00019 J**	**0.00016 J**	< 0.0002	**0.000239**	**0.00025**	**0.000328**
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2 B
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 1	< 1	< 2	< 2	< 2	< 2	< 2	< 2	< 2

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-20 Analyte	Unit	Remediation Objective (RO)	Result 2/23/2021	Result 5/11/2021	Result (DUP) 5/11/2021	Result 8/11/2021	Result 11/10/2021	Result 2/16/2022	Result 5/9/2022	Result 9/7/2022	Result 11/29/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	**0.000075** J	**0.000330**	**0.000509**	**0.000498**	**0.000229**	**0.00062**	**0.00008** J	**0.0007**	**0.000363**
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003 B	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.000100	**0.000388**	**0.000671**	**0.000565**	**0.000316**	**0.000693**	**0.000088** J	**0.000921**	**0.00046**
Benzo(a)pyrene	mg/L	0.0002	**0.000238**	**0.001350**	**0.002230**	**0.00193**	**0.000893**	**0.00224**	**0.000337**	**0.00271**	**0.00167**
Benzo(b)fluoranthene	mg/L	0.00018	**0.000174**	**0.001070**	**0.001840**	**0.00173**	**0.000825**	**0.00198**	**0.000258**	**0.0024**	**0.00128**
Benzo(g,h,i)perylene	mg/L	-	**0.000243**	**0.001290**	**0.001970**	**0.00203**	**0.000894**	**0.00219**	**0.000441**	**0.00283**	**0.00159**
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000100	**0.000302**	**0.000497**	**0.000521**	**0.00017**	**0.000629**	**0.00008** J	**0.000695**	**0.000393**
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	**0.0016** J	< 0.002
Chrysene	mg/L	0.0015	**0.000073** J	**0.000548**	**0.000921**	**0.000754**	**0.000398**	**0.000937**	**0.000151**	**0.00118**	**0.000604**
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	**0.00018** J	**0.000294**	**0.000376**	**0.00012** J	**0.000408**	< 0.0002	**0.00049**	**0.00023**
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	**0.000342**	**0.000652**	**0.000616**	**0.000316**	**0.00069**	< 0.0003	**0.001**	**0.000582**
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000200	**0.000892**	**0.001470**	**0.0014**	**0.000611**	**0.00161**	**0.000345**	**0.00202**	**0.00107**
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.000200	**0.000845**	**0.001510**	**0.00127**	**0.000613**	**0.00156**	**0.000208** B	**0.00197**	**0.00112**
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	**0.12** J	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	**0.47** J	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**0.47** BJ
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	**0.47** J	< 2	< 2	< 2	< 2

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-21 Analyte	Unit	Remediation Objective (RO)	Result 3/5/2015	Result 5/13/2015	Result 8/20/2015	Result (DUP) 8/20/2015	Result 11/4/2015	Result 2/18/2016	Result 5/26/2016	Result 8/18/2016
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.00006 J**
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00384**	< 0.002	**0.00837**	**0.00812**	**0.001 J**	< 0.002	---	---
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.0001 B	**0.00022**	**0.00015**	**0.00016**	< 0.0001	< 0.0001	---	---
o-Cresol	mg/L	0.35	< 0.0001	**0.00019**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	**0.35 J**	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	**2.51**	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	**0.43 J**	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	**0.35 J**	< 4	< 4	< 4	< 4	< 4

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-21 Analyte	Unit	Remediation Objective (RO)	Result 11/16/2016	Result 2/15/2017	Result (DUP) 2/15/2017	Result 5/17/2017	Result 8/17/2017	Result 11/21/2017	Result 2/14/2018	Result 5/10/2018
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	**0.00016** J	< 0.0066	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	**0.00007** J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.0001
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	---	---	**0.0019** J	**0.0015** J	< 0.006	**0.0013** J	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---	---	---
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	**0.00015** J	< 0.0021	**0.000107** B	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	**0.00011** J	< 0.0021	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	**0.00018** J	< 0.0064	**0.000214** B	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	**0.00012** J	< 0.0027	< 0.0001 B	**0.000041** J	< 0.0001
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.5	< 0.5	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.1	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 1	< 1	< 1

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-21 Analyte	Unit	Remediation Objective (RO)	Result 8/13/2018	Result 11/8/2018	Result 2/19/2019	Result 5/7/2019	Result 8/14/2019	Result 11/13/2019	Result 2/20/2020	Result 5/12/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000214
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	**0.000054 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	**0.00006 J**	< 0.0001	< 0.0001	< 0.0001	**0.000069 J**	< 0.000071
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0001	**0.000054 J**	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000143
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.00143 C
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	**0.000043 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00714
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000214
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000143
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000087 J**	< 0.000071
m,p-Cresol	mg/L	-	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00714
o-Cresol	mg/L	0.35	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00714
Naphthalene	mg/L	0.14	---	---	---	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000286
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000429
Pyrene	mg/L	0.21	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000143
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 1	< 1	< 1	< 2	< 2	< 2	< 2	< 2

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-21 Analyte	Unit	Remediation Objective (RO)	Result 8/14/2020	Result 11/11/2020	Result 2/24/2021	Result 5/12/2021	Result 8/11/2021	Result 11/9/2021	Result 2/16/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	**0.000072 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	**0.00007 J**	< 0.0001	< 0.0002	< 0.0002	**0.00012 J**	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	**0.000123**	**0.000074 J**	< 0.000100	< 0.000100	**0.000132**	< 0.0001	**0.000076 J**
Benzo(g,h,i)perylene	mg/L	-	**0.0001 J**	**0.000054 J**	< 0.000200	< 0.000200	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000052 J**
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00271 C**	< 0.002 C	< 0.002	< 0.002	< 0.002	< 0.002 B	**0.00212**
Chrysene	mg/L	0.0015	**0.000071 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000067 J**
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	**0.000126**	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	**0.00018 J**
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	**0.12 J**	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	**0.47 J**	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2 B	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	**0.1 J**	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	**0.43 J**	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	**0.57 J**	< 2

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-21 Analyte	Unit	Remediation Objective (RO)	Result 5/11/2022		Result 9/7/2022		Result 11/29/2022	
Acenaphthene	mg/L	0.42	< 0.0001		< 0.0001		< 0.0001	
Acenaphthylene	mg/L	-	< 0.0001		< 0.0001		< 0.0001	
Anthracene	mg/L	2.1	< 0.0003		< 0.0003		< 0.0003	
Benzo(a)anthracene	mg/L	0.00013	< 0.0001		< 0.0001		< 0.0001	
Benzo(a)pyrene	mg/L	0.0002	< 0.0002		< 0.0002		< 0.0002	
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001		**0.000109**		< 0.0001	
Benzo(g,h,i)perylene	mg/L	-	< 0.0002		< 0.0002		< 0.0002	
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001		< 0.0001		< 0.0001	
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0016**	**J**	< 0.002		**0.0015**	**J**
Chrysene	mg/L	0.0015	< 0.0001		**0.000052**	**J**	< 0.0001	
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002		< 0.0002		< 0.0002	
Di-n-butyl phthalate	mg/L	0.7	< 0.01		< 0.01		< 0.01	
Fluoranthene	mg/L	0.28	< 0.0003		< 0.0003		< 0.0003	
Fluorene	mg/L	0.28	< 0.0002		< 0.0002		< 0.0002	
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002		< 0.0002		< 0.0002	
m,p-Cresol	mg/L	-	< 0.01		< 0.01		< 0.01	
o-Cresol	mg/L	0.35	< 0.0004		< 0.0004		< 0.0004	
Naphthalene	mg/L	0.14	< 0.01		< 0.01		< 0.01	
Phenanthrene	mg/L	-	< 0.0006		< 0.0006		< 0.0006	
Pyrene	mg/L	0.21	< 0.0002	B	< 0.0002	B	< 0.0002	
Benzene	µg/L	5.0	< 0.5		< 0.5		< 0.5	
Bromoform	µg/L	1.0	< 2		< 2		< 0.2	
Ethylbenzene	µg/L	700	< 1		< 1		< 1	
m,p-Xylenes	µg/L	-	< 1		< 1		< 1	
Methylene chloride	µg/L	5.0	< 2		< 2		< 2	
Naphthalene	µg/L	140	< 2		< 2		< 2	B
o-Xylene	µg/L	-	< 1		< 1		< 1	
Toluene	µg/L	1000	< 2		< 2		< 2	
trans-1,2-Dichloroethene	µg/L	100	< 2		< 2		< 2	
Xylenes, Total	µg/L	10000	< 2		< 2		< 2	

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-22S Analyte	Unit	Remediation Objective (RO)	Result 3/3/2015	Result 5/12/2015	Result 8/18/2015	Result 11/3/2015	Result 2/17/2016	Result 5/25/2016
Acenaphthene	mg/L	0.42	< 0.0208	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.0208	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0138	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00158	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.00417	< 0.002	**0.0013** J	< 0.002	< 0.002	---
Chrysene	mg/L	0.0015	< 0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.00688	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.00438	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.00438	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	**0.00031**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---
o-Cresol	mg/L	0.35	< 0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0133	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.00562	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	**0.52** J	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	**0.27** J	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-22S		**Remediation**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
Analyte	**Unit**	**Objective (RO)**	**8/17/2016**	**11/15/2016**	**2/15/2017**	**5/16/2017**	**8/17/2017**	**11/22/2017**
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.0001
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	---	---	**0.0015 J**	**0.00399**	< 0.006
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	**0.0001**	< 0.0001
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	**0.000134**
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0001
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 1
Methylene chloride	µg/L	5.0	< 0.2	**0.29**	< 0.2	< 0.2	< 0.2	< 0.5
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 1

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-22S Analyte	Unit	Remediation Objective (RO)	Result 2/14/2018	Result 5/8/2018	Result 8/14/2018	Result (DUP) 8/14/2018	Result 11/7/2018	Result 2/20/2019	Result 5/8/2019
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0017 J**	**0.00445**	**0.00264**	**0.00477**	< 0.002	< 0.002	**0.00455**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	---	---	---
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	**0.00015 J**	< 0.0002	**0.00015 J**	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	**0.000203**
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	**0.000035**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.5	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	< 2	**0.5 J**
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 1	< 1	< 1	< 1	< 1	< 1	< 2

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-22S Analyte	Unit	Remediation Objective (RO)	Result 8/14/2019	Result 11/13/2019	Result 2/20/2020	Result 5/14/2020	Result - DUP 5/14/2020	Result 8/13/2020	Result 11/9/2020	Result 2/22/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.000077	< 0.000077	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.000077	< 0.000077	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	**0.000637**	< 0.000231	< 0.000231	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	**0.000088** J	< 0.000077	< 0.000077	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.000077	< 0.000077	< 0.0001	< 0.0001	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	**0.000061** J	< 0.000077	< 0.000077	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.000154	< 0.000154	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.000077	< 0.000077	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	**0.00191** C	< 0.00154 C	**0.00279** C	**0.00517**	**0.0017** J
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	**0.000084** J	< 0.000077	< 0.000077	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.000077	< 0.000077	< 0.0001	< 0.0001	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.00769	< 0.00769	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	**0.000524**	< 0.000231	< 0.000231	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.000154	< 0.000154	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	**0.000093** J	< 0.000077	< 0.000077	< 0.0001	< 0.0001	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.00769	< 0.00769	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.00769	< 0.00769	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.0002	< 0.000308	< 0.000308	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	**0.000695**	< 0.000462	< 0.000462	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	**0.000449**	< 0.000154	< 0.000154	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	< 2	< 2 B	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
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All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-22S Analyte	Unit	Remediation Objective (RO)	Result 5/12/2021	Result 8/11/2021	Result - DUP 8/11/2021	Result 11/9/2021	Result - DUP 11/9/2021	Result 2/16/2022	Result 5/10/2022	Result 9/7/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000068 J**	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	**0.000071 J**	**0.00007 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00472**	**0.00983**	**0.00753**	< 0.002 B	**0.0016 BJ**	< 0.002	**0.00347**	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0004
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.01
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	**0.14 J**	< 1	< 1	< 1	**0.11 J**	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	**0.2 J**	< 1	< 1	**0.39 J**	**0.47 J**	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	**0.13 J**	< 1	< 1	< 1	**0.11 J**	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	**0.12 J**	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	**0.33 J**	< 2	< 2	**0.39 J**	**0.58 J**	< 2	< 2	< 2

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-22S		**Remediation**	**Result**		
Analyte	**Unit**	**Objective (RO)**	**11/29/2022**		
Acenaphthene	mg/L	0.42	<	0.0001	
Acenaphthylene	mg/L	-	<	0.0001	
Anthracene	mg/L	2.1	<	0.0003	
Benzo(a)anthracene	mg/L	0.00013	<	0.0001	
Benzo(a)pyrene	mg/L	0.0002	<	0.0002	
Benzo(b)fluoranthene	mg/L	0.00018	<	0.0001	
Benzo(g,h,i)perylene	mg/L	-	<	0.0002	
Benzo(k)fluoranthene	mg/L	0.00017	<	0.0001	
Bis(2-ethylhexyl)phthalate	mg/L	0.006	<	0.002	
Chrysene	mg/L	0.0015	<	0.0001	
Dibenzo(a,h)anthracene	mg/L	0.0003	<	0.0002	
Di-n-butyl phthalate	mg/L	0.7	<	0.01	
Fluoranthene	mg/L	0.28	<	0.0003	
Fluorene	mg/L	0.28	<	0.0002	
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	<	0.0002	
m,p-Cresol	mg/L	-	<	0.01	
o-Cresol	mg/L	0.35	<	0.0004	
Naphthalene	mg/L	0.14	<	0.01	
Phenanthrene	mg/L	-	<	0.0006	
Pyrene	mg/L	0.21	<	0.0002	
Benzene	µg/L	5.0	<	0.5	
Bromoform	µg/L	1.0	<	2	
Ethylbenzene	µg/L	700	<	1	
m,p-Xylenes	µg/L	-	<	1	
Methylene chloride	µg/L	5.0	<	2	
Naphthalene	µg/L	140		**0.47**	**BJ**
o-Xylene	µg/L	-	<	1	
Toluene	µg/L	1000		**0.22**	**J**
trans-1,2-Dichloroethene	µg/L	100	<	2	
Xylenes, Total	µg/L	10000	<	2	

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
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Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-22D Analyte	Unit	Remediation Objective (RO)	Result 3/3/2015	Result 5/12/2015	Result 8/18/2015	Result 11/3/2015	Result 2/17/2016	Result 5/25/2016	Result 8/16/2016
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0029**	**0.00494**	**0.00646**	**0.00803**	**0.0011** J	---	---
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	**0.00014**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2
Naphthalene	µg/L	140	**0.73**	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	**0.25** J	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-22D Analyte	Unit	Remediation Objective (RO)	Result 11/15/2016	Result 2/15/2017	Result 5/16/2017	Result 8/17/2017	Result (DUP) 8/17/2017	Result 11/22/2017	Result 2/14/2018	Result 5/8/2018	Result 8/14/2018
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	**0.00006** J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	---	**0.00298**	**0.00913**	**0.00566**	< 0.006	**0.00529**	**0.00829**	**0.00939**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---	---	---	---
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	**0.000142**	< 0.0001	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	**0.000882**	< 0.0001	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.5	< 0.5	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.1	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 1	< 1	< 1	< 1

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-22D Analyte	Unit	Remediation Objective (RO)	Result 11/7/2018	Result 2/20/2019	Result (DUP) 2/20/2019	Result 5/8/2019	Result 8/14/2019	Result 11/13/2019	Result 2/20/2020	Result 5/11/2020	Result 8/12/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000081	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000081	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000242	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000081	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000081	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000081	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000161	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000081	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00579**	**0.00243**	**0.00215**	**0.0111**	**0.00834**	**0.00636**	< 0.002	< 0.00161 C	< 0.002 C
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000081	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000081	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00806	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000242	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000161	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000081	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00806	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00806	< 0.01
Naphthalene	mg/L	0.14	---	---	---	**0.00126**	< 0.0002	< 0.0002	< 0.0002	< 0.000323	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000484	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000161	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	**2.86**	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 1	< 1	< 1	< 2	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
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Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
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mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-22D Analyte	Unit	Remediation Objective (RO)	Result 11/9/2020	Result 2/23/2021	Result 5/12/2021	Result 8/12/2021	Result 11/9/2021	Result 2/16/2022	Result 5/10/2022	Result 9/6/2022	Result 11/28/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002 C	< 0.002	< 0.002	< 0.002	< 0.002 B	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.0004	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.01	< 0.0004	< 0.0004	< 0.0004	**0.000955**	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	**0.52**	**1.2**	**0.45** J	**0.21** J	< 0.5 S	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	**0.12** J	< 1 S	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	**0.43** J	< 1 S	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2 B	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2 B
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	**0.11** J	< 1 S	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2 S	< 2	< 2	**0.11** J
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	**0.54** J	< 2 S	< 2	< 2	< 2

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-25 Analyte	Unit	Remediation Objective (RO)	Result 2/19/2020	Result 5/13/2020	Result 8/14/2020	Result (DUP) 8/14/2020	Result 8/14/2020	Result 11/11/2020	Result 2/23/2021	Result 5/12/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.000226	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.00015	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.0015 C	< 0.002 C	< 0.002 C	< 0.002 C	< 0.002 C	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.00752	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.000226	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.00015	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	**0.00069** J	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.00752	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.000301	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.000451	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.00015	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	**0.45** J	< 2	< 2	< 2	< 2	< 2 B	**3.29**	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-25 Analyte	Unit	Remediation Objective (RO)	Result 8/11/2021	Result 11/8/2021	Result 2/15/2022	Result 5/10/2022	Result 9/6/2022	Result 11/28/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	**0.012** J	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	**0.11** J	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	**0.48** J	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2 B	**0.46** BJ
o-Xylene	µg/L	-	< 1	**0.1** J	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	**0.4** J
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	**0.58** J	< 2	< 2	< 2	< 2

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-26 Analyte	Unit	Remediation Objective (RO)	Result 2/19/2020	Result 5/13/2020	Result 8/13/2020	Result 11/10/2020	Result 2/24/2021	Result 5/11/2021	Result 8/12/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000072 J**
Acenaphthylene	mg/L	-	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.000213	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000081 J**
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.000142	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.00142 C	< 0.002 C	< 0.002 C	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.00709	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.000213	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.000142	< 0.0002	< 0.0002	< 0.0002	< 0.0002	**0.000215**
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.000071	**0.000082 J**	< 0.0001	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.00709	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.00709	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.000284	< 0.0004	< 0.0004	< 0.0004	< 0.0004	**0.00429**
Phenanthrene	mg/L	-	< 0.0004	< 0.000426	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.000142	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2 B	**0.52 J**	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-26 Analyte	Unit	Remediation Objective (RO)	Result 11/8/2021		Result 2/15/2022		Result 5/10/2022		Result 9/6/2022		Result 11/28/2022	
Acenaphthene	mg/L	0.42	< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001	
Acenaphthylene	mg/L	-	< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001	
Anthracene	mg/L	2.1	< 0.0003		< 0.0003		< 0.0003		< 0.0003		< 0.0003	
Benzo(a)anthracene	mg/L	0.00013	< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001	
Benzo(a)pyrene	mg/L	0.0002	< 0.0002		< 0.0002		< 0.0002		< 0.0002		< 0.0002	
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001	
Benzo(g,h,i)perylene	mg/L	-	< 0.0002		< 0.0002		< 0.0002		< 0.0002		< 0.0002	
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001	
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002		< 0.002		< 0.002		**0.0018**	**J**	< 0.002	
Chrysene	mg/L	0.0015	< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001	
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002		< 0.0002		< 0.0002		< 0.0002		< 0.0002	
Di-n-butyl phthalate	mg/L	0.7	< 0.01		< 0.01		< 0.01		< 0.01		< 0.01	
Fluoranthene	mg/L	0.28	< 0.0003		< 0.0003		< 0.0003		< 0.0003		< 0.0003	
Fluorene	mg/L	0.28	< 0.0002		< 0.0002		< 0.0002		< 0.0002		< 0.0002	
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002		< 0.0002		< 0.0002		< 0.0002		< 0.0002	
m,p-Cresol	mg/L	-	< 0.01		< 0.01		< 0.01		< 0.01		< 0.01	
o-Cresol	mg/L	0.35	< 0.01		< 0.01		< 0.01		< 0.01		< 0.01	
Naphthalene	mg/L	0.14	< 0.0004		< 0.0004		< 0.0004		< 0.0004		< 0.0004	
Phenanthrene	mg/L	-	< 0.0006		< 0.0006		< 0.0006		< 0.0006		< 0.0006	
Pyrene	mg/L	0.21	< 0.0002		< 0.0002		< 0.0002	B	< 0.0002		< 0.0002	
Benzene	µg/L	5.0	< 0.5		< 0.5		< 0.5		< 0.5		< 0.5	
Bromoform	µg/L	1.0	< 2		< 2		< 2		< 2		< 2	
Ethylbenzene	µg/L	700	**0.15**	**J**	< 1		< 1		< 1		< 1	
m,p-Xylenes	µg/L	-	**0.52**	**J**	< 1		< 1		< 1		< 1	
Methylene chloride	µg/L	5.0	< 2		< 2		< 2		< 2		< 2	
Naphthalene	µg/L	140	< 2		< 2		< 2		< 2		< 2	B
o-Xylene	µg/L	-	**0.12**	**J**	< 1		< 1		< 1		< 1	
Toluene	µg/L	1000	< 2		< 2		< 2		< 2		< 2	
trans-1,2-Dichloroethene	µg/L	100	< 2		< 2		< 2		< 2		< 2	
Xylenes, Total	µg/L	10000	**0.64**	**J**	< 2		< 2		< 2		< 2	

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

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

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-101S Analyte	Unit	Remediation Objective (RO)	Result 5/11/2021
Acenaphthene	mg/L	0.42	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001
Anthracene	mg/L	2.1	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002
Chrysene	mg/L	0.0015	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003
Fluorene	mg/L	0.28	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002
m,p-Cresol	mg/L	-	< 0.01
o-Cresol	mg/L	0.35	< 0.01
Naphthalene	mg/L	0.14	< 0.0004
Phenanthrene	mg/L	-	< 0.0006
Pyrene	mg/L	0.21	< 0.0002
Benzene	µg/L	5.0	< 0.5
Bromoform	µg/L	1.0	< 2
Ethylbenzene	µg/L	700	< 1
m,p-Xylenes	µg/L	-	< 1
Methylene chloride	µg/L	5.0	< 2
Naphthalene	µg/L	140	< 2
o-Xylene	µg/L	-	< 1
Toluene	µg/L	1000	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2
Xylenes, Total	µg/L	10000	< 2

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-101S Analyte	Unit	Remediation Objective (RO)	Result 5/10/2022	
Acenaphthene	mg/L	0.42	< 0.0001	
Acenaphthylene	mg/L	-	< 0.0001	
Anthracene	mg/L	2.1	< 0.0003	
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	
Chrysene	mg/L	0.0015	< 0.0001	
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	
Di-n-butyl phthalate	mg/L	0.7	< 0.01	
Fluoranthene	mg/L	0.28	< 0.0003	
Fluorene	mg/L	0.28	< 0.0002	
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	
m,p-Cresol	mg/L	-	< 0.01	
o-Cresol	mg/L	0.35	< 0.01	
Naphthalene	mg/L	0.14	< 0.0004	
Phenanthrene	mg/L	-	< 0.0006	
Pyrene	mg/L	0.21	< 0.0002	B
Benzene	µg/L	5.0	< 0.5	
Bromoform	µg/L	1.0	< 2	
Ethylbenzene	µg/L	700	< 1	
m,p-Xylenes	µg/L	-	< 1	
Methylene chloride	µg/L	5.0	< 2	
Naphthalene	µg/L	140	< 2	
o-Xylene	µg/L	-	< 1	
Toluene	µg/L	1000	< 2	
trans-1,2-Dichloroethene	µg/L	100	< 2	
Xylenes, Total	µg/L	10000	< 2	

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-102S Analyte	Unit	Remediation Objective (RO)	Result 5/14/2015	Result 5/27/2016	Result (DUP) 5/27/2016	Result 5/18/2017	Result (DUP) 5/18/2017	Result 5/9/2018	Result 5/6/2019	Result 5/13/2020	Result 5/11/2021
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000071	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000071	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000214	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0002	< 0.000143	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	---	---	< 0.002	< 0.002	< 0.002	< 0.002	< 0.00143 C	**0.0019 J**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---	---	< 0.00714	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000214	< 0.0003
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000143	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.0002
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	---	---	< 0.00714	< 0.01
o-Cresol	mg/L	0.35	< 0.0001	---	---	---	---	---	---	< 0.00714	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	---	< 0.0002	< 0.000286	< 0.0004
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	**0.00018 J**	< 0.0064	< 0.0004	< 0.0004	< 0.000429	< 0.0006
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002	< 0.000143	< 0.0002
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2 B	< 0.2 B	< 0.2	< 0.2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 2 B	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	**0.41 J**	< 4	< 4	< 4	< 4	< 1 B	< 2	< 2	< 2

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-102S Analyte	Unit	Remediation Objective (RO)	Result 5/10/2022		
Acenaphthene	mg/L	0.42	<	0.0001	
Acenaphthylene	mg/L	-	<	0.0001	
Anthracene	mg/L	2.1	<	0.0003	
Benzo(a)anthracene	mg/L	0.00013	<	0.0001	
Benzo(a)pyrene	mg/L	0.0002	<	0.0002	
Benzo(b)fluoranthene	mg/L	0.00018	<	0.0001	
Benzo(g,h,i)perylene	mg/L	-	<	0.0002	
Benzo(k)fluoranthene	mg/L	0.00017	<	0.0001	
Bis(2-ethylhexyl)phthalate	mg/L	0.006	<	0.002	
Chrysene	mg/L	0.0015	<	0.0001	
Dibenzo(a,h)anthracene	mg/L	0.0003	<	0.0002	
Di-n-butyl phthalate	mg/L	0.7	<	0.01	
Fluoranthene	mg/L	0.28	<	0.0003	
Fluorene	mg/L	0.28	<	0.0002	
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	<	0.0002	
m,p-Cresol	mg/L	-	<	0.01	
o-Cresol	mg/L	0.35	<	0.01	
Naphthalene	mg/L	0.14	<	0.0004	
Phenanthrene	mg/L	-	<	0.0006	
Pyrene	mg/L	0.21	<	0.0002	B
Benzene	µg/L	5.0	<	0.5	
Bromoform	µg/L	1.0	<	2	
Ethylbenzene	µg/L	700	<	1	
m,p-Xylenes	µg/L	-	<	1	
Methylene chloride	µg/L	5.0	<	2	
Naphthalene	µg/L	140	<	2	
o-Xylene	µg/L	-	<	1	
Toluene	µg/L	1000	<	2	
trans-1,2-Dichloroethene	µg/L	100	<	2	
Xylenes, Total	µg/L	10000	<	2	

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

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

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-102D Analyte	Unit	Remediation Objective (RO)	Result 5/11/2021	Result 5/10/2022	Result - DUP 5/10/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	**0.00085 J**	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002 B	< 0.0002 B
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-103S Analyte	Unit	Remediation Objective (RO)	Result 5/12/2015	Result 5/26/2016	Result (DUP) 5/26/2016	Result 5/16/2017	Result 5/9/2018	Result 5/6/2019	Result (DUP) 5/6/2019	Result 5/12/2020	Result 5/12/2021
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.000073	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.000073	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066 S	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.000219	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000073	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000073	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000073	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	**0.0001** J	< 0.00076	< 0.00076	< 0.0001	< 0.0002	< 0.0002	< 0.000146	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000073	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	---	---	< 0.002	< 0.002	< 0.002	**0.002** J	< 0.00146 C	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000073	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	**0.00008** J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000073	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033 S	< 0.0033	< 0.0033	---	---	---	< 0.0073	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021 S	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.0002	< 0.000219	< 0.0003
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.000146	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000073	< 0.0002
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	---	---	< 0.0073	< 0.01
o-Cresol	mg/L	0.35	< 0.0001	---	---	---	---	---	---	< 0.0073	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	< 0.0002	< 0.0002	< 0.000292	< 0.0004
Phenanthrene	mg/L	-	< 0.0064	< 0.0064 S	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.0004	< 0.000438	< 0.0006
Pyrene	mg/L	0.21	< 0.0027	< 0.0027 S	< 0.0027	< 0.0027	< 0.0001	< 0.0002	< 0.0002	< 0.000146	< 0.0002
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2 B	< 0.2	< 0.2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 1	< 2	< 2	< 2	< 2

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

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

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-103D Analyte	Unit	Remediation Objective (RO)	Result 5/12/2015	Result 5/26/2016	Result 5/16/2017	Result 5/9/2018	Result (DUP) 5/9/2018	Result 5/6/2019	Result 5/12/2020	Result - DUP 5/12/2020	Result 5/12/2021
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000294	< 0.00024	< 0.000214	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.000588	< 0.00016	< 0.000143	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0013** J	---	< 0.002	< 0.002	< 0.002	< 0.00588	< 0.0016 C	< 0.00143 C	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	---	< 0.008	< 0.00714	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000588	< 0.00024	< 0.000214	< 0.0003
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000294	< 0.00016	< 0.000143	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0002
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	---	< 0.008	< 0.00714	< 0.01
o-Cresol	mg/L	0.35	< 0.0001	---	---	---	---	---	< 0.008	< 0.00714	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	< 0.00059	< 0.00032	< 0.000286	< 0.0004
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.00118	< 0.00048	< 0.000429	< 0.0006
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0001	< 0.000588	< 0.00016	< 0.000143	< 0.0002
Benzene	µg/L	5.0	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	**0.2** B	< 0.2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 2	< 2 B	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 1	< 1 B	< 2	< 2	< 2	< 2

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

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

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

QC Samples Analyte	Unit	Remediation Objective (RO)	Field Blank 1 Result 5/13/2020	Field Blank 1 Result 8/12/2020	Field Blank 2 Result 8/14/2020	Field Blank 1 Result 11/9/2020	Field Blank 1 Result 2/24/2021	Trip Blank 1 Result 8/12/2021	Trip Blank 2 Result 8/12/2021	Trip Blank 1 Result 11/10/2021
Acenaphthene	mg/L	0.42	**0.000193**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA	NA
Acenaphthylene	mg/L	-	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA	NA
Anthracene	mg/L	2.1	< 0.000231	< 0.0003	< 0.0003	< 0.0003	< 0.0003	NA	NA	NA
Benzo(a)anthracene	mg/L	0.00013	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA	NA
Benzo(a)pyrene	mg/L	0.0002	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0002	NA	NA	NA
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA	NA
Benzo(g,h,i)perylene	mg/L	-	< 0.000154	< 0.0002	< 0.0002	< 0.0002	< 0.0002	NA	NA	NA
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA	NA
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.00154 C	< 0.002 C	< 0.002 C	< 0.002 C	< 0.002	NA	NA	NA
Chrysene	mg/L	0.0015	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA	NA
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0002	NA	NA	NA
Di-n-butyl phthalate	mg/L	0.7	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01	NA	NA	NA
Fluoranthene	mg/L	0.28	< 0.000231	< 0.0003	< 0.0003	< 0.0003	< 0.0003	NA	NA	NA
Fluorene	mg/L	0.28	**0.000311**	< 0.0002	< 0.0002	< 0.0002	< 0.0002	NA	NA	NA
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000077	< 0.0001	**0.000078 J**	< 0.0001	< 0.0002	NA	NA	NA
m,p-Cresol	mg/L	-	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01	NA	NA	NA
o-Cresol	mg/L	0.35	< 0.00769	< 0.01	< 0.01	< 0.0004	< 0.0004	NA	NA	NA
Naphthalene	mg/L	0.14	< 0.000308	< 0.0004	< 0.0004	< 0.01	< 0.01	NA	NA	NA
Phenanthrene	mg/L	-	< 0.000462	< 0.0006	< 0.0006	< 0.0006	< 0.0006	NA	NA	NA
Pyrene	mg/L	0.21	< 0.000154	< 0.0002	< 0.0002	< 0.0002	< 0.0002	NA	NA	NA
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.21 J**
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	0.29 J	< 1	< 1	**0.21 J**	**0.85 J**
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2 B	< 2	< 2	< 2	**0.67 J**
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.16 J**
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**0.11 J**
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	0.29 J	< 2	< 2	< 2	**1 J**

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

QC Samples Analyte	Unit	Remediation Objective (RO)	Trip Blank 2 Result 11/10/2021	Field Blank 1 Result 11/9/2021	Trip Blank 1 Result 2/17/2022	Trip Blank 2 Result 2/17/2022	Trip Blank 1 Result 5/12/2022	Trip Blank 2 Result 5/12/2022	Field Blank 1 Result 9/8/2022	Trip Blank 1 Result 9/8/2022
Acenaphthene	mg/L	0.42	NA	< 0.0001	NA	NA	NA	NA	< 0.0001	NA
Acenaphthylene	mg/L	-	NA	< 0.0001	NA	NA	NA	NA	< 0.0001	NA
Anthracene	mg/L	2.1	NA	< 0.0003	NA	NA	NA	NA	< 0.0003	NA
Benzo(a)anthracene	mg/L	0.00013	NA	< 0.0001	NA	NA	NA	NA	< 0.0001	NA
Benzo(a)pyrene	mg/L	0.0002	NA	< 0.0002	NA	NA	NA	NA	< 0.0002	NA
Benzo(b)fluoranthene	mg/L	0.00018	NA	< 0.0001	NA	NA	NA	NA	< 0.0001	NA
Benzo(g,h,i)perylene	mg/L	-	NA	< 0.0002	NA	NA	NA	NA	< 0.0002	NA
Benzo(k)fluoranthene	mg/L	0.00017	NA	< 0.0001	NA	NA	NA	NA	< 0.0001	NA
Bis(2-ethylhexyl)phthalate	mg/L	0.006	NA	**0.002 BJ**	NA	NA	NA	NA	< 0.002	NA
Chrysene	mg/L	0.0015	NA	< 0.0001	NA	NA	NA	NA	< 0.0001	NA
Dibenzo(a,h)anthracene	mg/L	0.0003	NA	< 0.0002	NA	NA	NA	NA	< 0.0002	NA
Di-n-butyl phthalate	mg/L	0.7	NA	< 0.01	NA	NA	NA	NA	< 0.01	NA
Fluoranthene	mg/L	0.28	NA	< 0.0003	NA	NA	NA	NA	< 0.0003	NA
Fluorene	mg/L	0.28	NA	< 0.0002	NA	NA	NA	NA	< 0.0002	NA
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	NA	< 0.0002	NA	NA	NA	NA	< 0.0002	NA
m,p-Cresol	mg/L	-	NA	< 0.01	NA	NA	NA	NA	< 0.01	NA
o-Cresol	mg/L	0.35	NA	< 0.0004	NA	NA	NA	NA	< 0.0004	NA
Naphthalene	mg/L	0.14	NA	< 0.01	NA	NA	NA	NA	< 0.01	NA
Phenanthrene	mg/L	-	NA	< 0.0006	NA	NA	NA	NA	< 0.0006	NA
Pyrene	mg/L	0.21	NA	< 0.0002	NA	NA	NA	NA	< 0.0002	NA
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	**0.2 J**	**0.12 J**	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	**0.93 J**	**0.37 J**	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	**0.19 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	**0.11 J**	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	**1.1 J**	**0.37 J**	< 2	< 2	< 2	< 2	< 2	< 2

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

Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

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

Notes:
B = Analyte detected in associated method blank
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