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

Third Quarter – 2023 Events

- Third quarter 2023 groundwater samples collected in September 2023 (results attached).
- Third quarter 2023 pump and treat system samples (results attached).

Fourth Quarter – 2023 Plans

- Collect Fourth quarter groundwater samples in November.
- Abandon extraneous monitoring wells (as approved by the IEPA in April 12, 2023 correspondence) in December.

Problems Encountered or Anticipated Problems

- A power outage beginning June 30, 2023, caused disruption of the pump and treat system. Power was restored July 2, 2023.
- The out-of-service East Recovery Well was abandoned on July 10, 2023.

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

We have treated 1,355,172,152 gallons of groundwater through the system since startup until the end of September 2023. There has not been any migration of contamination off-site.

I certify under penalty of law that the specific Activity and Use Limitations identified in Paragraph 7 of the Uniform Environmental Covenant for the Ameren Taylorville MGP site remain in place. I am aware that any person who knowingly makes a false, fictitious, or fraudulent material statement to the Illinois EPA, either orally or in writing, commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony (415 ILCS 5/44(h) (8)).

Sincerely,

Dave Palmer, PG, PMP, EVMP
Manager, Environmental Support & Waste Management
Ameren Services

Attachments

Attachments

Pumping Summary and Treatment Plant Results (July - September)

Monitoring Well Location Map

Year 2023 Quarter 3 Groundwater Sampling Results

MGP Pump & Treat System Summary
Taylorville, Illinois
July 2023

DATE	TOTALIZER READING	FLOW	EXTRACTION WELL	Water Level East	Water Level West
Jul-23	x100				
1	NM (1)	-	-	NM (1)	42
2	1,691,792	71,252	West	56	46
3	1,763,044	83,920	West	56	46
4	1,846,964	135,516	West	56	46
5	1,982,480	59,491	West	56	46
6	2,041,971	68,674	West	56	48
7	2,110,645	52,090	West	54	46
8	2,162,735	68,660	West	56	50
9	2,231,395	78,686	West	54	52
10	2,310,081	48,662	West	NM (2)	50
11	2,358,743	44,773	West	NM (2)	50
12	2,403,516	42,834	West	NM (2)	50
13	2,446,350	47,977	West	NM (2)	50
14	2,494,327	73,603	West	NM (2)	50
15	2,567,930	63,550	West	NM (2)	50
16	2,631,480	48,051	West	NM (2)	48
17	2,679,531	39,929	West	NM (2)	48
18	2,719,460	54,484	West	NM (2)	48
19	2,773,944	41,340	West	NM (2)	50
20	2,815,284	73,259	West	NM (2)	52
21	2,888,543	93,730	West	NM (2)	46
22	2,982,273	57,838	West	NM (2)	48
23	3,040,111	74,140	West	NM (2)	50
24	3,114,251	73,717	West	NM (2)	48
25	3,187,968	78,356	West	NM (2)	48
26	3,266,324	52,435	West	NM (2)	50
27	3,318,759	78,778	West	NM (2)	50
28	3,397,537	75,203	West	NM (2)	50
29	3,472,740	84,377	West	NM (2)	48
30	3,557,117	87,621	West	NM (2)	48
31	3,644,738	64,363	West	NM (2)	48
Aug-23	3,709,101		West	NM (2)	50

NM = Not measured
(1) Not measured - No power to GWTS
(2) Not measured - RW abandoned

Flow Data	**Gallons**
For Month	2,017,309
To Pond	0
Below Pond	2,017,309
Average	67,244
Maximum	135,516
Minimum	39,929
Total Through June	1,348,956,162
Total Through July	1,350,973,471

Maintenance Summary

Well Cleaning	None	
Vessel	**North**	**South**
Carbon Change	None	7/7/2023
Cleaned Effluent Backwash Storage	None	None
Back Washed Vessels	7/27/2023	None

Changed Bag Filters	**North**	**Middle**	**South**
	Inoperable	7/6/2023	7/6/2023
	Inoperable	7/13/2023	7/13/2023
	Inoperable	7/20/2023	7/20/2023
	Inoperable	7/27/2023	7/27/2023

Drum Disposal No

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

East RW Abandoned 7/10/2023

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
July 2023

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	7/5/2023		7/12/2023		7/19/2023		7/26/2023		Average	Maximum	
Lab pH		-	-	-	6.99	H	7.61	H	6.89	H	6.88	H	7.09	7.61	H
Iron, Dissolved	mg/L	-	-	-	0.466		0.0220	J	0.678		0.699		0.466	0.699	
Iron, Total	mg/L	-	-	-	2.07		1.78		2.46		1.81		2.03	2.46	
Acenaphthene	mg/L	-	-	0.42	0.0182		0.0182		0.0214		0.0143		0.0180	0.0214	
Acenaphthylene	mg/L	-	-	-	0.00670		0.00752		0.0097		0.00596		0.00747	0.00970	
Anthracene	mg/L	-	-	2.1	0.00338		0.00335		0.00377		0.00269		0.00330	0.00377	
Benzo(a)anthracene	mg/L	-	-	0.00013	**0.000209**		**0.000160**		**0.000255**		**0.000136**		**0.000190**	**0.000255**	
Benzo(a)pyrene	mg/L	-	-	0.00023	ND		ND		ND		ND		ND	ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		0.000092	J	ND		0.000092	0.000092	J
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Chrysene	mg/L	-	-	-	0.000193		0.000147		0.000221		0.000112		0.000168	0.000221	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Fluoranthene	mg/L	-	-	0.28	0.00262		0.00240		0.00228		0.00205		0.00234	0.00262	
Fluorene	mg/L	-	-	-	0.00893		0.00779		0.00850		0.00712		0.00809	0.00893	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
m,p-Cresol	mg/L	-	-	0.35	0.00140	J	0.00093	J	0.00096	J	0.00110	J	0.00110	0.00140	J
o-Cresol	mg/L	-	-	0.35	0.0082	J	0.0050	J	0.0050	J	0.0057	J	0.0060	0.0082	J
Phenanthrene	mg/L	-	-	-	0.0207		0.0176		0.0199		0.0145		0.0182	0.0207	
Pyrene	mg/L	-	-	-	0.00332		0.00308		0.0027		0.00233		0.00286	0.00332	
Total PNAs except Naphthalene	mg/L	-	-	-	0.0642		0.0603		0.0688		0.0403		0.0584	0.0688	
Benzene	µg/L	-	-	5	**221**		**196**		**272**		**231**		**230**	**272**	
Ethylbenzene	µg/L	-	-	700	50.1		50.9		55.2		56.9		53.3	56.9	
m,p-Xylenes	µg/L	-	-	-	44.0		54.7		61.4		47.8		52.0	61.4	
Naphthalene	µg/L	-	-	25	**275**		**256**		**374**		**364**		**317**	**374**	
o-Xylene	µg/L	-	-	-	22.4		24.7		30.3		24.8		25.6	30.3	
Toluene	µg/L	-	-	1000	151		113		155		136		139	155	
Xylenes, Total	µg/L	-	-	10000	66.4		79.4		91.7		72.6		77.5	91.7	

ND=Not detected above the project acceptable detection limit
J = Estimated concentration
BOLD text indicates exceedance of the groundwater quality standard
H = Holding times exceeded

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

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	7/5/2023		7/12/2023		7/19/2023		7/26/2023		Average	Maximum	
Lab pH		-	-	-	6.99	H	6.96	H	6.92	H	6.84	H	6.93	6.99	H
Iron, Dissolved	mg/L	-	-	-	0.043		0.020	J	0.025	J	ND		0.029	0.043	
Iron, Total	mg/L	-	-	-	0.093		0.172		0.136		ND		0.134	0.172	
Acenaphthene	mg/L	-	-	-	ND		0.00231		0.00141		ND		0.00231	0.00231	
Acenaphthylene	mg/L	-	-	-	ND		0.00106		0.000699		ND		ND	ND	
Anthracene	mg/L	-	-	-	ND		0.000428		ND		ND		ND	0.000428	
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		0.000355		ND		ND		ND	0.000355	
Fluorene	mg/L	-	-	-	ND		0.00108		0.00065		ND		0.000865	0.00108	
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		0.00237		0.00141		ND		0.00189	0.00237	
Pyrene	mg/L	-	-	-	ND		0.000436		0.000212		ND		0.000324	0.000436	
Total PNAs except Naphthalene	mg/L	-	-	-	ND		0.00803		0.00438		ND		0.00621	0.00803	
Benzene	µg/L	-	-	-	46.6		21.3		17.2		1.8		21.7	46.6	
Ethylbenzene	µg/L	-	-	-	ND		3.3		2.5		0.2	J	2.0	3.3	
m,p-Xylenes	µg/L	-	-	-	0.3	J	5.2		3.7		0.2	J	2.4	5.2	
Naphthalene	µg/L	-	-	-	0.9		27.7		23.2		1.4		13.3	27.7	
o-Xylene	µg/L	-	-	-	0.3	J	2.7		1.9	J	0.1	J	1.3	2.7	
Toluene	µg/L	-	-	-	0.3	J	10.2		8.0		0.4	J	4.7	10.2	
Xylenes, Total	µg/L	-	-	-	0.6	J	7.9		5.6		0.3	J	3.6	7.9	

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

Effluent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
July 2023

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	7/5/2023		7/12/2023		7/19/2023		7/26/2023		Average	Maximum	
Lab pH		-	-	-	6.98	H	6.83	H	7.02	H	6.85	H	6.92	7.02	H
Iron, Dissolved	mg/L	-	1	-	ND		ND		ND		ND		ND	ND	
Iron, Total	mg/L	2	4	-	ND		ND		ND		ND		ND	ND	
Acenaphthene	mg/L	-	0.0608	-	ND		ND	R	ND		ND		ND	ND	
Acenaphthylene	mg/L	-	-	-	ND		ND	R	ND		ND		ND	ND	
Anthracene	mg/L	-	0.0023	-	ND		ND	R	ND		ND		ND	ND	
Benzo(a)anthracene	mg/L	-	0.001	-	ND		ND	R	ND		ND		ND	ND	
Benzo(a)pyrene	mg/L	-	0.0005	-	ND		ND	SR	ND		ND		ND	ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND	R	ND		ND		ND	ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND	R	ND		ND		ND	ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND	R	ND		ND		ND	ND	
Chrysene	mg/L	-	-	-	ND		ND	R	ND		ND		ND	ND	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND	R	ND		ND		ND	ND	
Fluoranthene	mg/L	0.053	0.398	-	ND		ND	R	ND		ND		ND	ND	
Fluorene	mg/L	-	-	-	ND		ND	R	ND		ND		ND	ND	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND	R	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	R	ND		ND		ND	ND	
Pyrene	mg/L	-	-	-	ND		ND	R	ND		ND		ND	ND	
Total PNAs except Naphthalene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Benzene	µg/L	-	50	-	0.4	J	0.7		ND		0.1	J	0.4	0.7	
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		0.7		ND		ND	ND	
o-Xylene	µg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Toluene	µg/L	70	750	-	ND		ND		ND		ND	R	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
R=RPD outside acceptable recovery limits
SR=Spike recovery outside recovery limits
H = Holding times exceeded

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

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	7/6/2023	7/12/2023	7/19/2023	7/27/2022	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

MGP Pump & Treat System Summary
Taylorville, Illinois
August 2023

DATE	TOTALIZER READING	FLOW	EXTRACTION WELL	Water Level East	Water Level West
Aug-23	x100				
1	3,709,101	69,994	West	NM (1)	50
2	3,779,095	37,405	West	NM (1)	50
3	3,816,500	99,421	West	NM (1)	50
4	3,915,921	83,472	West	NM (1)	44
5	3,999,393	99,923	West	NM (1)	44
6	4,099,316	86,676	West	NM (1)	46
7	4,185,992	86,000	West	NM (1)	48
8	4,271,992	66,794	West	NM (1)	48
9	4,338,786	42,949	West	NM (1)	48
10	4,381,735	76,356	West	NM (1)	48
11	4,458,091	104,664	West	NM (1)	44
12	4,562,755	87,151	West	NM (1)	44
13	4,649,906	106,352	West	NM (1)	44
14	4,756,258	81,801	West	NM (1)	46
15	4,838,059	57,862	West	NM (1)	46
16	4,895,921	72,526	West	NM (1)	48
17	4,968,447	88,830	West	NM (1)	50
18	5,057,277	65,960	West	NM (1)	50
19	5,123,237	75,361	West	NM (1)	48
20	5,198,598	92,604	West	NM (1)	48
21	5,291,202	69,676	West	NM (1)	48
22	5,360,878	65,028	West	NM (1)	NM (2)
23	5,425,906	33,993	West	NM (1)	NM (2)
24	5,459,899	69,907	West	NM (1)	NM (2)
25	5,529,806	34,703	West	NM (1)	NM (2)
26	5,564,509	67,111	West	NM (1)	NM (2)
27	5,631,620	92,772	West	NM (1)	NM (2)
28	5,724,392	58,769	West	NM (1)	NM (2)
29	5,783,161	66,560	West	NM (1)	NM (2)
30	5,849,721	37,923	West	NM (1)	NM (2)
31	5,887,644	55,783	West	NM (1)	NM (2)
Sep-23	5,943,427				

NM = Not measured
(1) Not measured - RW abandoned
(2) Not measured - Heavy equipment operating in area

Flow Data	**Gallons**
For Month	2,234,326
To Pond	0
Below Pond	2,234,326
Average	72,075
Maximum	106,352
Minimum	33,993
Total Through July	1,350,973,471
Total Through Aug	1,353,207,797

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	8/3/2023	8/3/2023
	Inoperable	8/10/2023	8/10/2023
	Inoperable	8/17/2023	8/17/2023
	Inoperable	8/24/2023	8/24/2023
	Inoperable	8/31/2023	8/31/2023

Drum Disposal No

NOTES: East RW Abandoned 7/10/2023

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
August 2023

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	8/2/2023		8/9/2023		8/16/2023		8/23/2023		8/30/2023		Average	Maximum	
Lab pH		-	-	-	7.32	H	7.06	H	6.96	H	6.76	H	6.84	H	6.99	7.32	H
Iron, Dissolved	mg/L	-	-	-	1.100		0.677		0.610		0.967		1.410		0.953	1.410	
Iron, Total	mg/L	-	-	-	1.99		2.24		2.07		2.08		2.26		2.13	2.26	
Acenaphthene	mg/L	-	-	0.42	0.0177		0.0213		0.0176		0.0169		0.0177		0.0182	0.0213	
Acenaphthylene	mg/L	-	-	-	0.00707		0.00956		0.00776		0.00532		0.01050		0.00804	0.0105	
Anthracene	mg/L	-	-	2.1	0.00325		0.00385		0.00382		0.00379		0.00729		0.00440	0.00729	
Benzo(a)anthracene	mg/L	-	-	0.00013	**0.000185**		**0.000203**		**0.000186**		**0.000195**		**0.000463**		**0.000246**	**0.000463**	
Benzo(a)pyrene	mg/L	-	-	0.00023	ND		ND		ND		ND		ND		ND	ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Chrysene	mg/L	-	-	-	0.000161		0.000167		0.000163		0.000171		0.000371		0.000207	0.000371	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Fluoranthene	mg/L	-	-	0.28	0.0024		0.00292		0.00296		0.00278		0.00459		0.00313	0.00459	
Fluorene	mg/L	-	-	-	0.00799		0.0105		0.00846		0.00926		0.0129		0.00982	0.01290	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		NS		ND	ND	
m,p-Cresol	mg/L	-	-	0.35	0.00088	J	0.0013	J	0.0013	J	0.0013	J	0.0013	J	0.0012	0.0013	J
o-Cresol	mg/L	-	-	0.35	0.0029	J	0.0122		0.006	J	0.0108		0.0078	J	0.0079	0.0122	
Phenanthrene	mg/L	-	-	-	0.016		0.0209		0.0194		0.0162		0.0249		0.0195	0.0249	
Pyrene	mg/L	-	-	-	0.00278		0.00368		0.00368		0.00359		0.00491		0.00373	0.00491	
Total PNAs except Naphthalene	mg/L	-	-	-	0.0575		0.0732		0.064		0.0619		0.0836		0.0680	0.0836	
Benzene	µg/L	-	-	5	**229**		**194**		**218**		**194**		**220**		**211**	**229**	
Ethylbenzene	µg/L	-	-	700	58.2		48.3		46.8		56.4		48.6		51.7	58.2	
m,p-Xylenes	µg/L	-	-	-	52.5		45		44.6		52.7		46.7		48.3	52.7	
Naphthalene	µg/L	-	-	25	**335**		**328**		**258**		**330**		**304**		**311**	**335**	
o-Xylene	µg/L	-	-	-	26.6		23		21.6		27.1		23.6		24.4	27.1	
Toluene	µg/L	-	-	1000	138		122		121		129		123		127	138	
Xylenes, Total	µg/L	-	-	10000	79.1		68		66.2		79.8		70.3		72.7	79.8	

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
H = Holding times exceeded

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

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	8/2/2023		8/9/2023		8/16/2023		8/23/2023		8/30/2023		Average	Maximum	
Lab pH		-	-	-	6.88	H	7.02	H	7.02	H	6.74	H	6.85	H	6.90	7.02	H
Iron, Dissolved	mg/L	-	-	-	ND		ND		ND		ND		0.139		0.1390	0.1390	
Iron, Total	mg/L	-	-	-	ND		ND		ND		ND		0.2070		0.2070	0.2070	
Acenaphthene	mg/L	-	-	-	ND		ND		ND		ND		0.00168		0.00168	0.00168	
Acenaphthylene	mg/L	-	-	-	ND		ND		ND		ND		0.00068		0.00068	0.00068	
Anthracene	mg/L	-	-	-	ND		ND		ND		ND		0.000443		0.000443	0.000443	
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		0.000382		0.000382	0.000382	
Fluorene	mg/L	-	-	-	ND		ND		ND		ND		0.000899		0.000899	0.000899	
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		0.00071	J	0.00071	0.00071	J
Phenanthrene	mg/L	-	-	-	ND		ND		ND		ND		0.00205		0.00205	0.00205	
Pyrene	mg/L	-	-	-	ND		ND		ND		ND		0.000436		0.000436	0.000436	
Total PNAs except Naphthalene	mg/L	-	-	-	ND		ND		ND		ND		0.00657		0.00657	0.00657	
Benzene	µg/L	-	-	-	0.7		0.9		0.4	J	0.5		24.8		5.5	24.8	
Ethylbenzene	µg/L	-	-	-	ND		0.1	J	ND		ND		4.6		2.4	4.6	
m,p-Xylenes	µg/L	-	-	-	ND		ND		ND		ND		4.7		4.7	4.7	
Naphthalene	µg/L	-	-	-	0.7		1.0		0.8		0.7		28.1		6.3	28.1	
o-Xylene	µg/L	-	-	-	ND		ND		ND		ND		2.4		2.4	2.4	
Toluene	µg/L	-	-	-	ND		0.2	J	ND		ND		11.8		6.0	11.8	
Xylenes, Total	µg/L	-	-	-	ND		ND		ND		ND		7.1		7.1	7.1	

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

Effluent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
August 2023

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	8/2/2023		8/9/2023		8/16/2023		8/23/2023		8/30/2023		Average		Maximum	
Lab pH		-	-	-	7.19	H	7.04	H	6.97	H	6.76	H	6.89	H	6.97		7.19	H
Iron, Dissolved	mg/L	-	1	-	ND		ND		ND		ND		ND		ND		ND	
Iron, Total	mg/L	2	4	-	0.0633		ND		ND		ND		ND		0.0633		0.0633	
Acenaphthene	mg/L	-	0.0608	-	ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
Anthracene	mg/L	-	0.0023	-	ND		ND		ND		ND		ND		ND		ND	
Benzo(a)anthracene	mg/L	-	0.001	-	ND		ND		ND		ND		ND		ND		ND	
Benzo(a)pyrene	mg/L	-	0.0005	-	ND		ND		ND		ND		ND		ND		ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
Chrysene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
Fluoranthene	mg/L	0.053	0.398	-	ND		ND		ND		ND		ND		ND		ND	
Fluorene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
m,p-Cresol	mg/L	-	1.9	-	ND		ND		ND		ND		ND		ND		ND	
o-Cresol	mg/L	-	1.9	-	ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	mg/L	-	0.01	-	ND		ND		ND		ND		ND		ND		ND	
Pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
Total PNAs except Naphthalene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
Benzene	µg/L	-	50	-	ND		ND		1.2		ND		ND		1.2		1.2	
Ethylbenzene	µg/L	17	216	-	ND		ND		ND		ND		ND		ND		ND	
m,p-Xylenes	µg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
Naphthalene	µg/L	-	670	-	ND		ND		ND		ND		ND		0.3	J	0.3	J
o-Xylene	µg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
Toluene	µg/L	70	750	-	ND		ND		ND		ND		ND		ND		ND	
Xylenes, Total	µg/L	117	750	-	ND		ND		ND		ND		ND		ND		ND	

NA=Not analyzed
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
E=Value above quantitation range
R=RPD outside acceptable recovery limits
SR=Spike recovery outside recovery limits
H = Holding times exceeded

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

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	8/2/2023	8/9/2023	8/16/2023	8/23/2023	8/311/2023	Average	Maximum
Benzene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
m,p-Xylenes	µg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Naphthalene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
o-Xylene	µg/L	-	-	-	ND	ND	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
September 2023

DATE	TOTALIZER READING	FLOW	EXTRACTION WELL	Water Level East	Water Level West
Sep-23	x100				
1	5,943,427	67,421	WEST	NM (1)	NM (2)
2	6,010,848	58,705	WEST	NM (1)	NM (2)
3	6,069,553	58,830	WEST	NM (1)	NM (2)
4	6,128,383	70,119	WEST	NM (1)	NM (2)
5	6,198,502	53,384	WEST	NM (1)	NM (2)
6	6,251,886	31,483	WEST	NM (1)	NM (2)
7	6,283,369	51,671	WEST	NM (1)	NM (2)
8	6,335,040	69,927	WEST	NM (1)	NM (2)
9	6,404,967	47,417	WEST	NM (1)	NM (2)
10	6,452,384	65,443	WEST	NM (1)	NM (2)
11	6,517,827	34,824	WEST	NM (1)	NM (2)
12	6,552,651	48,710	WEST	NM (1)	NM (2)
13	6,601,361	65,949	WEST	NM (1)	NM (2)
14	6,667,310	54,186	WEST	NM (1)	50
15	6,721,496	68,996	WEST	NM (1)	50
16	6,790,492	58,564	WEST	NM (1)	50
17	6,849,056	67,436	WEST	NM (1)	52
18	6,916,492	54,648	WEST	NM (1)	52
19	6,971,140	82,506	WEST	NM (1)	52
20	7,053,646	62,924	WEST	NM (1)	48
21	7,116,570	93,944	WEST	NM (1)	46
22	7,210,514	61,026	WEST	NM (1)	46
23	7,271,540	86,421	WEST	NM (1)	44
24	7,357,961	112,307	WEST	NM (1)	44
25	7,470,268	78,672	WEST	NM (1)	44
26	7,548,940	74,580	WEST	NM (1)	46
27	7,623,520	42,273	WEST	NM (1)	46
28	7,665,793	89,168	WEST	NM (1)	44
29	7,754,961	68,489	WEST	NM (1)	46
30	7,823,450	84,332	WEST	NM (1)	NM (2)
Oct-23	7,907,782				

NM = Not measured
(1) Not measured - RW abandoned
(2) Not measured - Heavy equipment operating in area

Flow Data	Gallons
For Month	1,964,355
To Pond	0
Below Pond	1,964,355
Average	65,479
Maximum	112,307
Minimum	31,483
Total Through Aug	1,353,207,797
Total Through Sept	1,355,172,152

Maintenance Summary

Well Cleaning	None		
Vessel	**North**	**South**	
Carbon Change	None	None	
Cleaned Effluent Backwash Storage	None	None	
Back Washed Vessels	9/19/2023	9/19/2023	
Changed Bag Filters	**North**	**Middle**	**South**
	Inoperable	9/7/2023	9/7/2023
	Inoperable	9/14/2023	9/14/2023
	Inoperable	9/21/2023	9/21/2023
	Inoperable	9/28/2023	9/28/2023

Drum Disposal

NOTES: Empty permanagnate tanks washed.
East RW Abandoned 7/10/2023

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
September 2023

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	9/6/2023		9/13/2023		9/20/2023		9/27/2023		Average	Maximum	
Lab pH		-	-	-	6.89	H	6.96	H	6.91	H	6.92	H	6.92	6.96	
Iron, Dissolved	mg/L	-	-	-	0.966		0.204		0.227		0.038	J	0.359	0.966	
Iron, Total	mg/L	-	-	-	2.08		2.33		2.53		2.12		2.27	2.53	
Acenaphthene	mg/L	-	-	0.42	0.0186		0.0202		0.0205		0.0163		0.0189	0.0205	
Acenaphthylene	mg/L	-	-	-	0.00579		0.0102		0.0104		0.00676	B	0.00829	0.01040	
Anthracene	mg/L	-	-	2.1	0.00325		0.00592		0.0083		0.00398	B	0.00536	0.00830	
Benzo(a)anthracene	mg/L	-	-	0.00013	**0.00018**		**0.000586**		**0.000633**		**0.000261**	**B**	**0.000415**	**0.000633**	
Benzo(a)pyrene	mg/L	-	-	0.00023	ND		0.00016	J	0.000226		ND	B	0.000193	0.000226	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		0.000143		0.000145		ND	B	0.000144	0.000145	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND	B	ND	ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		0.000069	J	ND	B	0.000069	0.000069	J
Chrysene	mg/L	-	-	-	0.000145		0.000492		0.000593		0.000250	B	0.000370	0.000593	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Fluoranthene	mg/L	-	-	0.28	0.00236		0.00536		0.00598		0.00315	B	0.00421	0.00598	
Fluorene	mg/L	-	-	-	0.0103		0.012		0.0159		0.00894	B	0.0118	0.0159	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND	B	ND	ND	
m,p-Cresol	mg/L	-	-	0.35	0.00098	J	0.00094	J	0.00180	J	0.00110	J	0.00121	0.00180	J
o-Cresol	mg/L	-	-	0.35	0.0087	J	0.0044	J	0.0077	J	ND		0.0069	0.0087	J
Phenanthrene	mg/L	-	-	-	0.0165		0.0298		0.0322		0.0161	B	0.0237	0.0322	
Pyrene	mg/L	-	-	-	0.00306		0.00688		0.00487		0.00401	B	0.00471	0.00688	
Total PNAs except Naphthalene	mg/L	-	-	-	0.0548		0.0918		0.0998		0.0597		0.0765	0.0998	
Benzene	µg/L	-	-	5	**190**		**162**		**237**		**220**		**202**	**237**	
Ethylbenzene	µg/L	-	-	700	50.1		45.3		48.9		49.9		48.6	50.1	
m,p-Xylenes	µg/L	-	-	-	62.9		39		45.5		47.2		48.7	62.9	
Naphthalene	µg/L	-	-	25	**309**		**339**		**360**		**305**		**328**	**360**	
o-Xylene	µg/L	-	-	-	24.2		20.6		24.0		24.2		23.3	24.2	
Toluene	µg/L	-	-	1000	115		92.3		149		141		124	149	
Xylenes, Total	µg/L	-	-	10000	87.1		59.6		69.5		71.4		71.9	87.1	

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

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

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	9/6/2023		9/13/2023		9/20/2023		9/27/2023		Average	Maximum	
Lab pH		-	-	-	6.88	H	6.99	H	6.91	H	6.89	H	6.92	6.99	H
Iron, Dissolved	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Iron, Total	mg/L	-	-	-	ND		1.830		0.029	J	ND		0.930	1.830	
Acenaphthene	mg/L	-	-	-	0.000125		0.001120		0.000072	J	ND		0.000439	0.001120	
Acenaphthylene	mg/L	-	-	-	0.000054	J	0.00061		0.000053	J	ND	B	0.000239	0.000610	
Anthracene	mg/L	-	-	-	ND		0.000343		ND		ND	B	0.000343	0.000343	
Benzo(a)anthracene	mg/L	-	-	-	ND		0.000087	J	ND		ND	B	0.000087	0.000087	J
Benzo(a)pyrene	mg/L	-	-	-	ND		ND		ND		ND	B	ND	ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND	B	ND	ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND	B	ND	ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND	B	ND	ND	
Chrysene	mg/L	-	-	-	ND		0.000061	J	ND		ND	B	0.000061	0.000061	J
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Fluoranthene	mg/L	-	-	-	ND		0.000386		ND		ND	B	0.000386	0.000386	
Fluorene	mg/L	-	-	-	ND		0.000649		ND		ND	B	0.000649	0.000649	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND	B	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		0.00164		ND		ND	B	0.00164	0.00164	
Pyrene	mg/L	-	-	-	ND		0.000504		ND		ND	B	0.000504	0.000504	
Total PNAs except Naphthalene	mg/L	-	-	-	ND		0.00541		ND		ND		0.00541	0.00541	
Benzene	µg/L	-	-	-	2.2		12.0		3.1		2		4.8	12.0	
Ethylbenzene	µg/L	-	-	-	0.3	J	2.6		0.1	J	ND		1.0	2.6	
m,p-Xylenes	µg/L	-	-	-	0.5	J	2.5		ND		ND		1.5	2.5	
Naphthalene	µg/L	-	-	-	3.1		19.0		1.2		0.7		6.0	19.0	
o-Xylene	µg/L	-	-	-	0.2	J	1.3	J	ND		ND		0.8	1.3	J
Toluene	µg/L	-	-	-	0.9	J	6.6		0.2	J	ND		2.6	6.6	
Xylenes, Total	µg/L	-	-	-	0.7	J	3.8		ND		ND		2.3	3.8	

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

Effluent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
September 2023

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	9/6/2023		9/13/2023		9/20/2023		9/27/2023		Average	Maximum	
Lab pH		-	-	-	6.92	H	7.08	H	7.07	H	6.95	H	7.01	7.08	H
Iron, Dissolved	mg/L	-	1	-	ND		ND		ND		ND		ND	ND	
Iron, Total	mg/L	2	4	-	ND		ND		ND		ND		ND	ND	
Acenaphthene	mg/L	-	0.0608	-	ND		ND		ND		ND		ND	ND	
Acenaphthylene	mg/L	-	-	-	ND		ND		ND		ND	B	ND	ND	
Anthracene	mg/L	-	0.0023	-	ND		ND		ND		ND	B	ND	ND	
Benzo(a)anthracene	mg/L	-	0.001	-	ND		ND		ND		ND	B	ND	ND	
Benzo(a)pyrene	mg/L	-	0.0005	-	ND		ND		ND		ND	B	ND	ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND	B	ND	ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND	B	ND	ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND	B	ND	ND	
Chrysene	mg/L	-	-	-	ND		ND		ND		ND	B	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	B	ND	ND	
Fluorene	mg/L	-	-	-	ND		ND		ND		ND	B	ND	ND	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND	B	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	B	ND	ND	
Pyrene	mg/L	-	-	-	ND		ND		ND		ND	B	ND	ND	
Total PNAs except Naphthalene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Benzene	µg/L	-	50	-	2.6		ND		ND		ND		2.6	2.6	
Ethylbenzene	µg/L	17	216	-	ND		ND		ND		ND		ND	ND	
m,p-Xylenes	µg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Naphthalene	µg/L	-	670	-	ND		0.3	J	ND		ND		0.3	0.3	J
o-Xylene	µg/L	-	-	-	ND	S	ND		ND		ND		ND	ND	
Toluene	µg/L	70	750	-	ND	S	ND		ND		ND		ND	ND	
Xylenes, Total	µg/L	117	750	-	ND	S	ND		ND		ND		ND	ND	

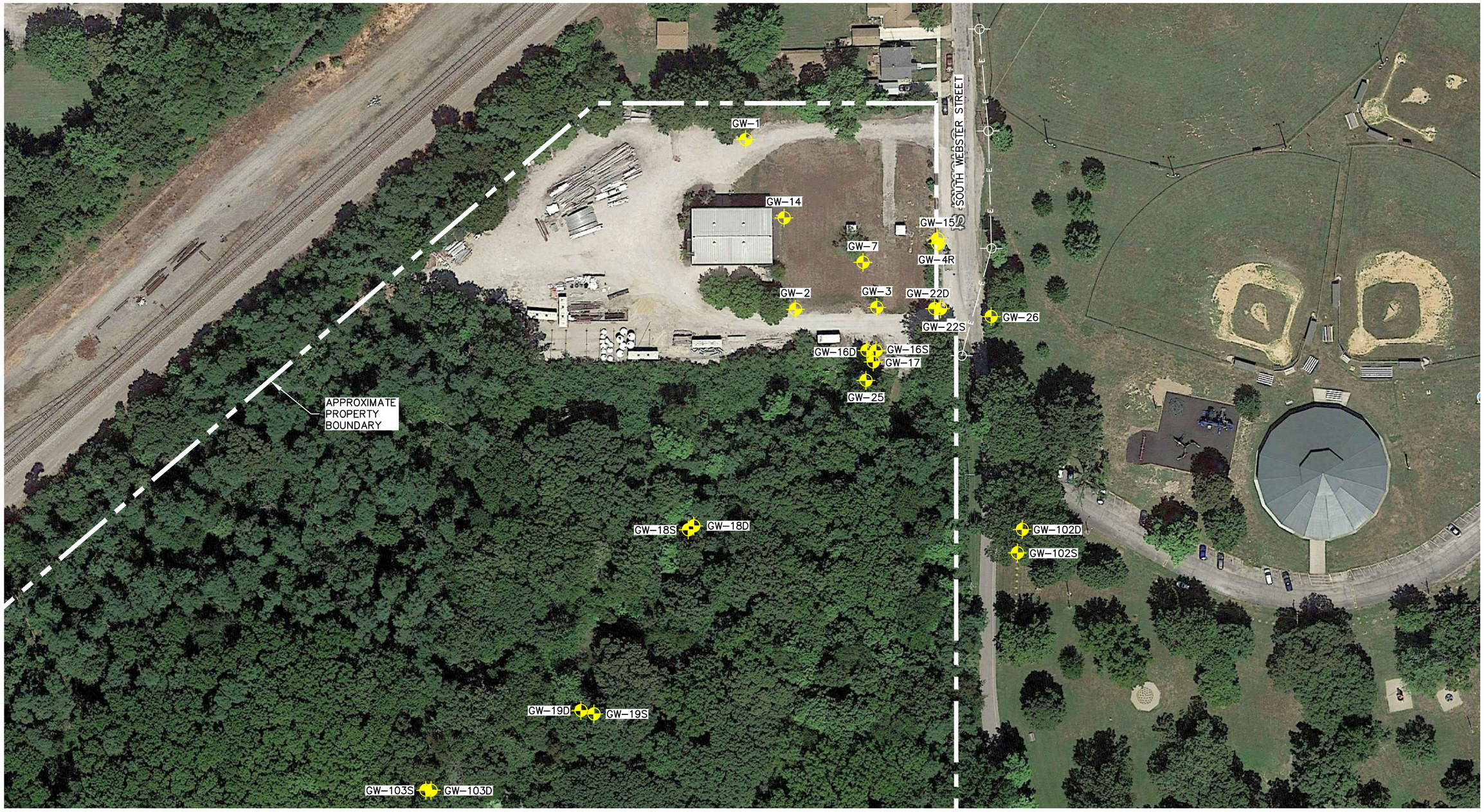
ND=Not detected above the project acceptable detection limit
J=Analyte detected below quantitation limits
B=Analyte found in the method blank at a concentration
H = Holding times exceeded
S = Matrix spike outside control limits

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

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	9/7/2023	9/13/2023	9/21/2023	9/27/2023	Average	Maximum
Benzene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Ethylbenzene	µg/L	-	-	-	ND	ND	0.2 J	ND	ND	ND
m,p-Xylenes	µg/L	-	-	-	ND	ND	0.2 J	ND	ND	ND
Naphthalene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
o-Xylene	µg/L	-	-	-	ND	ND	0.2 J	ND	ND	ND
Toluene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Xylenes, Total	µg/L	-	-	-	ND	ND	0.4 J	ND	ND	ND

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

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
Suite 1-700
Rolling Meadows, IL 60008

Telephone: +1 314.733.4490
Fax: +1 314.754.8121

www.erm.com

10 October 2023

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

Subject: Year 2023 Quarter 3 Groundwater Sampling Results
Former MGP Site – Taylorville, Illinois
ERM Project No. 0677245

Dear Dave:

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

Groundwater sampling activities for the third quarter of 2023 occurred 13 September through 15 September 2023.

The analytical results from the third 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 benzene concentrations are of the same order of magnitude to what has been observed historically, while naphthalene concentrations were observed at an order of magnitude lower than historically detected. Both of these parameters have concentrations exceeding their applicable ROs.

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

Wells on the downgradient perimeter of the Site, which includes monitoring wells GW-16S, GW-16D, GW-17, GW-22S, GW-22D, GW-25, and GW-26, did not have any exceedances of the ROs for the primary Site constituents of concern (COC).

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

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

During the third quarter groundwater sampling event, the well casing of GW-02 was observed to be damaged which prevented ERM from gauging or sampling the monitoring well. ERM recommends that this monitoring well be abandoned in accordance with Illinois Department of Public Health (IDPH) and plans to submit a request for approval to abandon the monitoring well to IEPA in the near future.

ERM appreciates the opportunity to provide groundwater sampling activities at the Taylorville former MGP Site. Should you have any questions please contact me at (314) 341-7699.

Sincerely,

Michael Abegg, RG (MO)
Senior Consultant

ATTACHMENT A ANALYTICAL RESULTS: SEPTEMBER 2023

September 25, 2023

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

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

RE: Ameren Taylorville 3rd Qtr 2023 **WorkOrder:** 23091065

Dear Michael Abegg:

TEKLAB, INC received 21 samples on 9/15/2023 12:25:00 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: 23091065

Client Project: Ameren Taylorville 3rd Qtr 2023

Report Date: 25-Sep-23

This reporting package includes the following:

Cover Letter	1
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Laboratory Results	7
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Dates Report	29
Quality Control Results	32
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Chain of Custody	Appended

Client: ERM **Work Order:** 23091065

Client Project: Ameren Taylorville 3rd Qtr 2023 **Report Date:** 25-Sep-23

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

Client: ERM

Work Order: 23091065

Client Project: Ameren Taylorville 3rd Qtr 2023

Report Date: 25-Sep-23

Qualifiers

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

Case Narrative

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 3rd Qtr 2023

Work Order: 23091065

Report Date: 25-Sep-23

Cooler Receipt Temp: 4.6 °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: 23091065

Client Project: Ameren Taylorville 3rd Qtr 2023

Report Date: 25-Sep-23

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

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 23091065
Client Project: Ameren Taylorville 3rd Qtr 2023
Report Date: 25-Sep-23
Lab ID: 23091065-001
Client Sample ID: GW-04R-WG-20230913
Matrix: GROUNDWATER
Collection Date: 09/13/2023 16:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.00700	0.0100		**0.0290**	mg/L	100	09/22/2023 13:59	212182
Acenaphthylene	NELAP	).000050	0.000100		**0.00144**	mg/L	1	09/22/2023 11:14	212182
Anthracene	NELAP	).000200	0.000300		**0.000854**	mg/L	1	09/22/2023 11:14	212182
Benzo(a)anthracene	NELAP	).000070	0.00010	J	**0.000096**	mg/L	1	09/22/2023 11:14	212182
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	09/22/2023 11:14	212182
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/22/2023 11:14	212182
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/22/2023 11:14	212182
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/22/2023 11:14	212182
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	09/22/2023 11:14	212182
Chrysene	NELAP	).000050	0.000100		**0.000209**	mg/L	1	09/22/2023 11:14	212182
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/22/2023 11:14	212182
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	09/22/2023 11:14	212182
Fluoranthene	NELAP	).000270	0.000300		**0.00460**	mg/L	1	09/22/2023 11:14	212182
Fluorene	NELAP	0.00800	0.0200		**0.0616**	mg/L	100	09/22/2023 13:59	212182
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	09/22/2023 11:14	212182
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	09/22/2023 11:14	212182
Naphthalene	NELAP	0.0340	0.0400		**0.410**	mg/L	100	09/22/2023 13:59	212182
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	09/22/2023 11:14	212182
Phenanthrene	NELAP	0.0530	0.0600		**0.0694**	mg/L	100	09/22/2023 13:59	212182
Pyrene	NELAP	).000180	0.000200		**0.00225**	mg/L	1	09/22/2023 11:14	212182
Surr: 2,4,6-Tribromophenol	*	0	10-179		**97.6**	%REC	1	09/22/2023 11:14	212182
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**80.5**	%REC	1	09/22/2023 11:14	212182
Surr: 2-Fluorophenol	*	0	10-157		**77.3**	%REC	1	09/22/2023 11:14	212182
Surr: Nitrobenzene-d5	*	0	15-163		**81.3**	%REC	1	09/22/2023 11:14	212182
Surr: Phenol-d5	*	0	10-162		**69.8**	%REC	1	09/22/2023 11:14	212182
Surr: p-Terphenyl-d14	*	0	10-173		**95.2**	%REC	1	09/22/2023 11:14	212182
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.50	5.00		**235**	µg/L	10	09/18/2023 9:51	212094
Bromoform	NELAP	0.90	2.00		**ND**	µg/L	10	09/18/2023 9:51	212094
Ethylbenzene	NELAP	1.00	10.0		**144**	µg/L	10	09/18/2023 9:51	212094
m,p-Xylenes	NELAP	2.20	10.0		**19.1**	µg/L	10	09/18/2023 9:51	212094
Methylene chloride	NELAP	8.70	20.0		**ND**	µg/L	10	09/18/2023 9:51	212094
Naphthalene	NELAP	5.70	20.0		**814**	µg/L	10	09/18/2023 9:51	212094
o-Xylene	NELAP	0.50	10.0		**80.3**	µg/L	10	09/18/2023 9:51	212094
Toluene	NELAP	1.0	20	J	**14**	µg/L	10	09/18/2023 9:51	212094
trans-1,2-Dichloroethene	NELAP	1.00	20.0		**ND**	µg/L	10	09/18/2023 9:51	212094
Xylenes, Total	NELAP	2.80	20.0		**99.4**	µg/L	10	09/18/2023 9:51	212094
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**105.1**	%REC	10	09/18/2023 9:51	212094
Surr: 4-Bromofluorobenzene	*	0	80-120		**99.4**	%REC	10	09/18/2023 9:51	212094
Surr: Dibromofluoromethane	*	0	80-120		**104.7**	%REC	10	09/18/2023 9:51	212094
Surr: Toluene-d8	*	0	80-120		**97.1**	%REC	10	09/18/2023 9:51	212094

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

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 23091065
Client Project: Ameren Taylorville 3rd Qtr 2023
Report Date: 25-Sep-23
Lab ID: 23091065-002
Client Sample ID: GW-05-WG-20230915
Matrix: GROUNDWATER
Collection Date: 09/13/2023 9:25

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/22/2023 11:56	212182
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/22/2023 11:56	212182
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	09/22/2023 11:56	212182
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/22/2023 11:56	212182
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	09/22/2023 11:56	212182
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/22/2023 11:56	212182
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/22/2023 11:56	212182
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/22/2023 11:56	212182
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	09/22/2023 11:56	212182
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/22/2023 11:56	212182
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/22/2023 11:56	212182
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	09/22/2023 11:56	212182
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	09/22/2023 11:56	212182
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	09/22/2023 11:56	212182
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	09/22/2023 11:56	212182
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	09/22/2023 11:56	212182
Naphthalene	NELAP	).000340	0.000400		**0.000663**	mg/L	1	09/22/2023 11:56	212182
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	09/22/2023 11:56	212182
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	09/22/2023 11:56	212182
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	09/22/2023 11:56	212182
Surr: 2,4,6-Tribromophenol	*	0	10-179		**80.3**	%REC	1	09/22/2023 11:56	212182
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**64.2**	%REC	1	09/22/2023 11:56	212182
Surr: 2-Fluorophenol	*	0	10-157		**63.7**	%REC	1	09/22/2023 11:56	212182
Surr: Nitrobenzene-d5	*	0	15-163		**64.3**	%REC	1	09/22/2023 11:56	212182
Surr: Phenol-d5	*	0	10-162		**53.2**	%REC	1	09/22/2023 11:56	212182
Surr: p-Terphenyl-d14	*	0	10-173		**74.5**	%REC	1	09/22/2023 11:56	212182
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	09/18/2023 10:16	212094
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	09/18/2023 10:16	212094
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	09/18/2023 10:16	212094
m,p-Xylenes	NELAP	0.22	1.00		**ND**	µg/L	1	09/18/2023 10:16	212094
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	09/18/2023 10:16	212094
Naphthalene	NELAP	0.57	2.0	J	**1.4**	µg/L	1	09/18/2023 10:16	212094
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	09/18/2023 10:16	212094
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	09/18/2023 10:16	212094
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	09/18/2023 10:16	212094
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	09/18/2023 10:16	212094
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**104.0**	%REC	1	09/18/2023 10:16	212094
Surr: 4-Bromofluorobenzene	*	0	80-120		**101.2**	%REC	1	09/18/2023 10:16	212094
Surr: Dibromofluoromethane	*	0	80-120		**102.7**	%REC	1	09/18/2023 10:16	212094
Surr: Toluene-d8	*	0	80-120		**96.3**	%REC	1	09/18/2023 10:16	212094

Laboratory Results

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Client: ERM
Work Order: 23091065
Client Project: Ameren Taylorville 3rd Qtr 2023
Report Date: 25-Sep-23
Lab ID: 23091065-003
Client Sample ID: GW-07-WG-20230913
Matrix: GROUNDWATER
Collection Date: 09/13/2023 11:45

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**0.000155**	mg/L	1	09/22/2023 0:33	212182
Acenaphthylene	NELAP	).000050	0.000100		**0.000194**	mg/L	1	09/22/2023 0:33	212182
Anthracene	NELAP	).000200	0.000300		**0.00179**	mg/L	1	09/22/2023 0:33	212182
Benzo(a)anthracene	NELAP	).000070	0.000100		**0.000235**	mg/L	1	09/22/2023 0:33	212182
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	09/22/2023 0:33	212182
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/22/2023 0:33	212182
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/22/2023 0:33	212182
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/22/2023 0:33	212182
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**0.00395**	mg/L	1	09/22/2023 0:33	212182
Chrysene	NELAP	).000050	0.000100		**0.000194**	mg/L	1	09/22/2023 0:33	212182
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/22/2023 0:33	212182
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	09/22/2023 0:33	212182
Fluoranthene	NELAP	).000270	0.000300		**0.00141**	mg/L	1	09/22/2023 0:33	212182
Fluorene	NELAP	).000080	0.000200		**0.000413**	mg/L	1	09/22/2023 0:33	212182
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	09/22/2023 0:33	212182
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	09/22/2023 0:33	212182
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	09/22/2023 0:33	212182
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	09/22/2023 0:33	212182
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	09/22/2023 0:33	212182
Pyrene	NELAP	).000180	0.000200		**0.00238**	mg/L	1	09/22/2023 0:33	212182
Surr: 2,4,6-Tribromophenol	*	0	10-179		**135.9**	%REC	1	09/22/2023 0:33	212182
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**100.7**	%REC	1	09/22/2023 0:33	212182
Surr: 2-Fluorophenol	*	0	10-157		**112.0**	%REC	1	09/22/2023 0:33	212182
Surr: Nitrobenzene-d5	*	0	15-163		**95.6**	%REC	1	09/22/2023 0:33	212182
Surr: Phenol-d5	*	0	10-162		**73.6**	%REC	1	09/22/2023 0:33	212182
Surr: p-Terphenyl-d14	*	0	10-173		**113.4**	%REC	1	09/22/2023 0:33	212182
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	09/18/2023 10:41	212094
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	09/18/2023 10:41	212094
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	09/18/2023 10:41	212094
m,p-Xylenes	NELAP	0.22	1.00		**ND**	µg/L	1	09/18/2023 10:41	212094
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	09/18/2023 10:41	212094
Naphthalene	NELAP	0.57	2.00		**ND**	µg/L	1	09/18/2023 10:41	212094
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	09/18/2023 10:41	212094
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	09/18/2023 10:41	212094
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	09/18/2023 10:41	212094
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	09/18/2023 10:41	212094
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**105.6**	%REC	1	09/18/2023 10:41	212094
Surr: 4-Bromofluorobenzene	*	0	80-120		**99.5**	%REC	1	09/18/2023 10:41	212094
Surr: Dibromofluoromethane	*	0	80-120		**105.7**	%REC	1	09/18/2023 10:41	212094
Surr: Toluene-d8	*	0	80-120		**99.1**	%REC	1	09/18/2023 10:41	212094

Laboratory Results

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Client: ERM
Work Order: 23091065
Client Project: Ameren Taylorville 3rd Qtr 2023
Report Date: 25-Sep-23
Lab ID: 23091065-004
Client Sample ID: GW-14-WG-20230913
Matrix: GROUNDWATER
Collection Date: 09/13/2023 12:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/22/2023 12:37	212182
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/22/2023 12:37	212182
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	09/22/2023 12:37	212182
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/22/2023 12:37	212182
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	09/22/2023 12:37	212182
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/22/2023 12:37	212182
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/22/2023 12:37	212182
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/22/2023 12:37	212182
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**0.00493**	mg/L	1	09/22/2023 12:37	212182
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/22/2023 12:37	212182
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/22/2023 12:37	212182
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	09/22/2023 12:37	212182
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	09/22/2023 12:37	212182
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	09/22/2023 12:37	212182
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	09/22/2023 12:37	212182
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	09/22/2023 12:37	212182
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	09/22/2023 12:37	212182
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	09/22/2023 12:37	212182
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	09/22/2023 12:37	212182
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	09/22/2023 12:37	212182
Surr: 2,4,6-Tribromophenol	*	0	10-179		**84.5**	%REC	1	09/22/2023 12:37	212182
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**77.2**	%REC	1	09/22/2023 12:37	212182
Surr: 2-Fluorophenol	*	0	10-157		**78.5**	%REC	1	09/22/2023 12:37	212182
Surr: Nitrobenzene-d5	*	0	15-163		**77.6**	%REC	1	09/22/2023 12:37	212182
Surr: Phenol-d5	*	0	10-162		**70.4**	%REC	1	09/22/2023 12:37	212182
Surr: p-Terphenyl-d14	*	0	10-173		**85.5**	%REC	1	09/22/2023 12:37	212182
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	09/18/2023 11:06	212094
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	09/18/2023 11:06	212094
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	09/18/2023 11:06	212094
m,p-Xylenes	NELAP	0.22	1.00		**ND**	µg/L	1	09/18/2023 11:06	212094
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	09/18/2023 11:06	212094
Naphthalene	NELAP	0.57	2.00		**ND**	µg/L	1	09/18/2023 11:06	212094
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	09/18/2023 11:06	212094
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	09/18/2023 11:06	212094
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	09/18/2023 11:06	212094
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	09/18/2023 11:06	212094
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**104.3**	%REC	1	09/18/2023 11:06	212094
Surr: 4-Bromofluorobenzene	*	0	80-120		**103.3**	%REC	1	09/18/2023 11:06	212094
Surr: Dibromofluoromethane	*	0	80-120		**104.2**	%REC	1	09/18/2023 11:06	212094
Surr: Toluene-d8	*	0	80-120		**95.5**	%REC	1	09/18/2023 11:06	212094

Laboratory Results

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Client: ERM
Work Order: 23091065
Client Project: Ameren Taylorville 3rd Qtr 2023
Report Date: 25-Sep-23
Lab ID: 23091065-005
Client Sample ID: GW-15-WG-20230913
Matrix: GROUNDWATER
Collection Date: 09/13/2023 15:25

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/20/2023 22:22	212182
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/20/2023 22:22	212182
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	09/20/2023 22:22	212182
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/20/2023 22:22	212182
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	09/20/2023 22:22	212182
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/20/2023 22:22	212182
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/20/2023 22:22	212182
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/20/2023 22:22	212182
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	09/20/2023 22:22	212182
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/20/2023 22:22	212182
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/20/2023 22:22	212182
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	09/20/2023 22:22	212182
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	09/20/2023 22:22	212182
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	09/20/2023 22:22	212182
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	09/20/2023 22:22	212182
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	09/20/2023 22:22	212182
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	09/20/2023 22:22	212182
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	09/20/2023 22:22	212182
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	09/20/2023 22:22	212182
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	09/20/2023 22:22	212182
Surr: 2,4,6-Tribromophenol	*	0	10-179		**86.5**	%REC	1	09/20/2023 22:22	212182
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**78.5**	%REC	1	09/20/2023 22:22	212182
Surr: 2-Fluorophenol	*	0	10-157		**81.4**	%REC	1	09/20/2023 22:22	212182
Surr: Nitrobenzene-d5	*	0	15-163		**78.0**	%REC	1	09/20/2023 22:22	212182
Surr: Phenol-d5	*	0	10-162		**72.8**	%REC	1	09/20/2023 22:22	212182
Surr: p-Terphenyl-d14	*	0	10-173		**92.5**	%REC	1	09/20/2023 22:22	212182
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	09/18/2023 11:31	212094
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	09/18/2023 11:31	212094
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	09/18/2023 11:31	212094
m,p-Xylenes	NELAP	0.22	1.00		**ND**	µg/L	1	09/18/2023 11:31	212094
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	09/18/2023 11:31	212094
Naphthalene	NELAP	0.57	2.00		**ND**	µg/L	1	09/18/2023 11:31	212094
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	09/18/2023 11:31	212094
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	09/18/2023 11:31	212094
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	09/18/2023 11:31	212094
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	09/18/2023 11:31	212094
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**106.7**	%REC	1	09/18/2023 11:31	212094
Surr: 4-Bromofluorobenzene	*	0	80-120		**104.5**	%REC	1	09/18/2023 11:31	212094
Surr: Dibromofluoromethane	*	0	80-120		**106.0**	%REC	1	09/18/2023 11:31	212094
Surr: Toluene-d8	*	0	80-120		**94.8**	%REC	1	09/18/2023 11:31	212094

Laboratory Results

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Client: ERM
Work Order: 23091065
Client Project: Ameren Taylorville 3rd Qtr 2023
Report Date: 25-Sep-23
Lab ID: 23091065-006
Client Sample ID: GW-16S-WG-20230914
Matrix: GROUNDWATER
Collection Date: 09/14/2023 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	09/20/2023 23:04	212182
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/20/2023 23:04	212182
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	09/20/2023 23:04	212182
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/20/2023 23:04	212182
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	09/20/2023 23:04	212182
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/20/2023 23:04	212182
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/20/2023 23:04	212182
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/20/2023 23:04	212182
Bis(2-ethylhexyl)phthalate	NELAP	0.0014	0.0020	J	**0.0017**	mg/L	1	09/20/2023 23:04	212182
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/20/2023 23:04	212182
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/20/2023 23:04	212182
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	09/20/2023 23:04	212182
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	09/20/2023 23:04	212182
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	09/20/2023 23:04	212182
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	09/20/2023 23:04	212182
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	09/20/2023 23:04	212182
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	09/20/2023 23:04	212182
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	09/20/2023 23:04	212182
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	09/20/2023 23:04	212182
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	09/20/2023 23:04	212182
Surr: 2,4,6-Tribromophenol	*	0	10-179		**81.8**	%REC	1	09/20/2023 23:04	212182
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**78.7**	%REC	1	09/20/2023 23:04	212182
Surr: 2-Fluorophenol	*	0	10-157		**80.5**	%REC	1	09/20/2023 23:04	212182
Surr: Nitrobenzene-d5	*	0	15-163		**79.8**	%REC	1	09/20/2023 23:04	212182
Surr: Phenol-d5	*	0	10-162		**73.3**	%REC	1	09/20/2023 23:04	212182
Surr: p-Terphenyl-d14	*	0	10-173		**86.3**	%REC	1	09/20/2023 23:04	212182
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	09/18/2023 11:55	212094
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	09/18/2023 11:55	212094
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	09/18/2023 11:55	212094
m,p-Xylenes	NELAP	0.22	1.00		**ND**	µg/L	1	09/18/2023 11:55	212094
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	09/18/2023 11:55	212094
Naphthalene	NELAP	0.57	2.00		**ND**	µg/L	1	09/18/2023 11:55	212094
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	09/18/2023 11:55	212094
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	09/18/2023 11:55	212094
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	09/18/2023 11:55	212094
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	09/18/2023 11:55	212094
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**105.0**	%REC	1	09/18/2023 11:55	212094
Surr: 4-Bromofluorobenzene	*	0	80-120		**101.7**	%REC	1	09/18/2023 11:55	212094
Surr: Dibromofluoromethane	*	0	80-120		**103.7**	%REC	1	09/18/2023 11:55	212094
Surr: Toluene-d8	*	0	80-120		**97.8**	%REC	1	09/18/2023 11:55	212094

Laboratory Results

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Client: ERM
Work Order: 23091065
Client Project: Ameren Taylorville 3rd Qtr 2023
Report Date: 25-Sep-23
Lab ID: 23091065-007
Client Sample ID: GW-16D-WG-20230914
Matrix: GROUNDWATER
Collection Date: 09/14/2023 17:05

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	09/20/2023 23:46	212182
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/20/2023 23:46	212182
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	09/20/2023 23:46	212182
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/20/2023 23:46	212182
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	09/20/2023 23:46	212182
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/20/2023 23:46	212182
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/20/2023 23:46	212182
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/20/2023 23:46	212182
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**0.00241**	mg/L	1	09/20/2023 23:46	212182
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/20/2023 23:46	212182
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/20/2023 23:46	212182
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	09/20/2023 23:46	212182
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	09/20/2023 23:46	212182
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	09/20/2023 23:46	212182
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	09/20/2023 23:46	212182
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	09/20/2023 23:46	212182
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	09/20/2023 23:46	212182
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	09/20/2023 23:46	212182
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	09/20/2023 23:46	212182
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	09/20/2023 23:46	212182
Surr: 2,4,6-Tribromophenol	*	0	10-179		**78.3**	%REC	1	09/20/2023 23:46	212182
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**81.0**	%REC	1	09/20/2023 23:46	212182
Surr: 2-Fluorophenol	*	0	10-157		**78.8**	%REC	1	09/20/2023 23:46	212182
Surr: Nitrobenzene-d5	*	0	15-163		**79.6**	%REC	1	09/20/2023 23:46	212182
Surr: Phenol-d5	*	0	10-162		**70.9**	%REC	1	09/20/2023 23:46	212182
Surr: p-Terphenyl-d14	*	0	10-173		**88.9**	%REC	1	09/20/2023 23:46	212182
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**0.76**	µg/L	1	09/18/2023 12:20	212094
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	09/18/2023 12:20	212094
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	09/18/2023 12:20	212094
m,p-Xylenes	NELAP	0.22	1.00		**ND**	µg/L	1	09/18/2023 12:20	212094
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	09/18/2023 12:20	212094
Naphthalene	NELAP	0.57	2.00		**ND**	µg/L	1	09/18/2023 12:20	212094
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	09/18/2023 12:20	212094
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	09/18/2023 12:20	212094
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	09/18/2023 12:20	212094
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	09/18/2023 12:20	212094
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**105.6**	%REC	1	09/18/2023 12:20	212094
Surr: 4-Bromofluorobenzene	*	0	80-120		**100.5**	%REC	1	09/18/2023 12:20	212094
Surr: Dibromofluoromethane	*	0	80-120		**105.2**	%REC	1	09/18/2023 12:20	212094
Surr: Toluene-d8	*	0	80-120		**97.3**	%REC	1	09/18/2023 12:20	212094

Laboratory Results

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Client: ERM
Work Order: 23091065
Client Project: Ameren Taylorville 3rd Qtr 2023
Report Date: 25-Sep-23
Lab ID: 23091065-008
Client Sample ID: GW-17-WG-20230914
Matrix: GROUNDWATER
Collection Date: 09/14/2023 15:20

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	09/21/2023 0:27	212182
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/21/2023 0:27	212182
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	09/21/2023 0:27	212182
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/21/2023 0:27	212182
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	09/21/2023 0:27	212182
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/21/2023 0:27	212182
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/21/2023 0:27	212182
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/21/2023 0:27	212182
Bis(2-ethylhexyl)phthalate	NELAP	0.0014	0.0020	J	**0.0019**	mg/L	1	09/21/2023 0:27	212182
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/21/2023 0:27	212182
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/21/2023 0:27	212182
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	09/21/2023 0:27	212182
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	09/21/2023 0:27	212182
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	09/21/2023 0:27	212182
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	09/21/2023 0:27	212182
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	09/21/2023 0:27	212182
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	09/21/2023 0:27	212182
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	09/21/2023 0:27	212182
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	09/21/2023 0:27	212182
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	09/21/2023 0:27	212182
Surr: 2,4,6-Tribromophenol	*	0	10-179		**76.1**	%REC	1	09/21/2023 0:27	212182
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**75.9**	%REC	1	09/21/2023 0:27	212182
Surr: 2-Fluorophenol	*	0	10-157		**66.3**	%REC	1	09/21/2023 0:27	212182
Surr: Nitrobenzene-d5	*	0	15-163		**75.6**	%REC	1	09/21/2023 0:27	212182
Surr: Phenol-d5	*	0	10-162		**56.0**	%REC	1	09/21/2023 0:27	212182
Surr: p-Terphenyl-d14	*	0	10-173		**81.2**	%REC	1	09/21/2023 0:27	212182
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	09/18/2023 12:45	212094
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	09/18/2023 12:45	212094
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	09/18/2023 12:45	212094
m,p-Xylenes	NELAP	0.22	1.00		**ND**	µg/L	1	09/18/2023 12:45	212094
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	09/18/2023 12:45	212094
Naphthalene	NELAP	0.57	2.00		**ND**	µg/L	1	09/18/2023 12:45	212094
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	09/18/2023 12:45	212094
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	09/18/2023 12:45	212094
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	09/18/2023 12:45	212094
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	09/18/2023 12:45	212094
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**106.6**	%REC	1	09/18/2023 12:45	212094
Surr: 4-Bromofluorobenzene	*	0	80-120		**101.6**	%REC	1	09/18/2023 12:45	212094
Surr: Dibromofluoromethane	*	0	80-120		**107.0**	%REC	1	09/18/2023 12:45	212094
Surr: Toluene-d8	*	0	80-120		**98.4**	%REC	1	09/18/2023 12:45	212094

Laboratory Results

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Client: ERM
Work Order: 23091065
Client Project: Ameren Taylorville 3rd Qtr 2023
Report Date: 25-Sep-23
Lab ID: 23091065-009
Client Sample ID: GW-18S-WG-20230914
Matrix: GROUNDWATER
Collection Date: 09/14/2023 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	09/21/2023 1:09	212182
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/21/2023 1:09	212182
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	09/21/2023 1:09	212182
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/21/2023 1:09	212182
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	09/21/2023 1:09	212182
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/21/2023 1:09	212182
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/21/2023 1:09	212182
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/21/2023 1:09	212182
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	09/21/2023 1:09	212182
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/21/2023 1:09	212182
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/21/2023 1:09	212182
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	09/21/2023 1:09	212182
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	09/21/2023 1:09	212182
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	09/21/2023 1:09	212182
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	09/21/2023 1:09	212182
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	09/21/2023 1:09	212182
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	09/21/2023 1:09	212182
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	09/21/2023 1:09	212182
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	09/21/2023 1:09	212182
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	09/21/2023 1:09	212182
Surr: 2,4,6-Tribromophenol	*	0	10-179		**86.7**	%REC	1	09/21/2023 1:09	212182
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**78.9**	%REC	1	09/21/2023 1:09	212182
Surr: 2-Fluorophenol	*	0	10-157		**76.4**	%REC	1	09/21/2023 1:09	212182
Surr: Nitrobenzene-d5	*	0	15-163		**82.0**	%REC	1	09/21/2023 1:09	212182
Surr: Phenol-d5	*	0	10-162		**74.6**	%REC	1	09/21/2023 1:09	212182
Surr: p-Terphenyl-d14	*	0	10-173		**86.9**	%REC	1	09/21/2023 1:09	212182
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	09/18/2023 13:10	212094
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	09/18/2023 13:10	212094
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	09/18/2023 13:10	212094
m,p-Xylenes	NELAP	0.22	1.00		**ND**	µg/L	1	09/18/2023 13:10	212094
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	09/18/2023 13:10	212094
Naphthalene	NELAP	0.57	2.00		**ND**	µg/L	1	09/18/2023 13:10	212094
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	09/18/2023 13:10	212094
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	09/18/2023 13:10	212094
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	09/18/2023 13:10	212094
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	09/18/2023 13:10	212094
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**105.0**	%REC	1	09/18/2023 13:10	212094
Surr: 4-Bromofluorobenzene	*	0	80-120		**102.7**	%REC	1	09/18/2023 13:10	212094
Surr: Dibromofluoromethane	*	0	80-120		**105.2**	%REC	1	09/18/2023 13:10	212094
Surr: Toluene-d8	*	0	80-120		**97.2**	%REC	1	09/18/2023 13:10	212094

Laboratory Results

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Client: ERM
Work Order: 23091065
Client Project: Ameren Taylorville 3rd Qtr 2023
Report Date: 25-Sep-23
Lab ID: 23091065-010
Client Sample ID: GW-18D-WG-20230914
Matrix: GROUNDWATER
Collection Date: 09/14/2023 13:05

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	09/21/2023 1:51	212182
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/21/2023 1:51	212182
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	09/21/2023 1:51	212182
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/21/2023 1:51	212182
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	09/21/2023 1:51	212182
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/21/2023 1:51	212182
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/21/2023 1:51	212182
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/21/2023 1:51	212182
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	09/21/2023 1:51	212182
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/21/2023 1:51	212182
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/21/2023 1:51	212182
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	09/21/2023 1:51	212182
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	09/21/2023 1:51	212182
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	09/21/2023 1:51	212182
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	09/21/2023 1:51	212182
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	09/21/2023 1:51	212182
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	09/21/2023 1:51	212182
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	09/21/2023 1:51	212182
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	09/21/2023 1:51	212182
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	09/21/2023 1:51	212182
Surr: 2,4,6-Tribromophenol	*	0	10-179		**91.1**	%REC	1	09/21/2023 1:51	212182
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**76.0**	%REC	1	09/21/2023 1:51	212182
Surr: 2-Fluorophenol	*	0	10-157		**69.7**	%REC	1	09/21/2023 1:51	212182
Surr: Nitrobenzene-d5	*	0	15-163		**73.7**	%REC	1	09/21/2023 1:51	212182
Surr: Phenol-d5	*	0	10-162		**59.4**	%REC	1	09/21/2023 1:51	212182
Surr: p-Terphenyl-d14	*	0	10-173		**85.2**	%REC	1	09/21/2023 1:51	212182
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	09/18/2023 13:35	212094
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	09/18/2023 13:35	212094
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	09/18/2023 13:35	212094
m,p-Xylenes	NELAP	0.22	1.00		**ND**	µg/L	1	09/18/2023 13:35	212094
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	09/18/2023 13:35	212094
Naphthalene	NELAP	0.57	2.00		**ND**	µg/L	1	09/18/2023 13:35	212094
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	09/18/2023 13:35	212094
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	09/18/2023 13:35	212094
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	09/18/2023 13:35	212094
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	09/18/2023 13:35	212094
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**106.7**	%REC	1	09/18/2023 13:35	212094
Surr: 4-Bromofluorobenzene	*	0	80-120		**102.6**	%REC	1	09/18/2023 13:35	212094
Surr: Dibromofluoromethane	*	0	80-120		**106.1**	%REC	1	09/18/2023 13:35	212094
Surr: Toluene-d8	*	0	80-120		**96.9**	%REC	1	09/18/2023 13:35	212094

Laboratory Results

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Client: ERM
Work Order: 23091065
Client Project: Ameren Taylorville 3rd Qtr 2023
Report Date: 25-Sep-23
Lab ID: 23091065-011
Client Sample ID: GW-19S-WG-20230914
Matrix: GROUNDWATER
Collection Date: 09/14/2023 11:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/21/2023 2:33	212182
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/21/2023 2:33	212182
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	09/21/2023 2:33	212182
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/21/2023 2:33	212182
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	09/21/2023 2:33	212182
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/21/2023 2:33	212182
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/21/2023 2:33	212182
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/21/2023 2:33	212182
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	09/21/2023 2:33	212182
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/21/2023 2:33	212182
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/21/2023 2:33	212182
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	09/21/2023 2:33	212182
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	09/21/2023 2:33	212182
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	09/21/2023 2:33	212182
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	09/21/2023 2:33	212182
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	09/21/2023 2:33	212182
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	09/21/2023 2:33	212182
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	09/21/2023 2:33	212182
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	09/21/2023 2:33	212182
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	09/21/2023 2:33	212182
Surr: 2,4,6-Tribromophenol	*	0	10-179		**89.1**	%REC	1	09/21/2023 2:33	212182
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**78.9**	%REC	1	09/21/2023 2:33	212182
Surr: 2-Fluorophenol	*	0	10-157		**75.6**	%REC	1	09/21/2023 2:33	212182
Surr: Nitrobenzene-d5	*	0	15-163		**81.6**	%REC	1	09/21/2023 2:33	212182
Surr: Phenol-d5	*	0	10-162		**66.3**	%REC	1	09/21/2023 2:33	212182
Surr: p-Terphenyl-d14	*	0	10-173		**86.2**	%REC	1	09/21/2023 2:33	212182
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	09/18/2023 14:00	212094
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	09/18/2023 14:00	212094
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	09/18/2023 14:00	212094
m,p-Xylenes	NELAP	0.22	1.00		**ND**	µg/L	1	09/18/2023 14:00	212094
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	09/18/2023 14:00	212094
Naphthalene	NELAP	0.57	2.00		**ND**	µg/L	1	09/18/2023 14:00	212094
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	09/18/2023 14:00	212094
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	09/18/2023 14:00	212094
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	09/18/2023 14:00	212094
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	09/18/2023 14:00	212094
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**105.8**	%REC	1	09/18/2023 14:00	212094
Surr: 4-Bromofluorobenzene	*	0	80-120		**106.4**	%REC	1	09/18/2023 14:00	212094
Surr: Dibromofluoromethane	*	0	80-120		**105.5**	%REC	1	09/18/2023 14:00	212094
Surr: Toluene-d8	*	0	80-120		**95.9**	%REC	1	09/18/2023 14:00	212094

Laboratory Results

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Client: ERM
Work Order: 23091065
Client Project: Ameren Taylorville 3rd Qtr 2023
Report Date: 25-Sep-23
Lab ID: 23091065-012
Client Sample ID: GW-19D-WG-20230914
Matrix: GROUNDWATER
Collection Date: 09/14/2023 11:00

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	09/21/2023 3:14	212182
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/21/2023 3:14	212182
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	09/21/2023 3:14	212182
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/21/2023 3:14	212182
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	09/21/2023 3:14	212182
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/21/2023 3:14	212182
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/21/2023 3:14	212182
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/21/2023 3:14	212182
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	09/21/2023 3:14	212182
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/21/2023 3:14	212182
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/21/2023 3:14	212182
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	09/21/2023 3:14	212182
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	09/21/2023 3:14	212182
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	09/21/2023 3:14	212182
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	09/21/2023 3:14	212182
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	09/21/2023 3:14	212182
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	09/21/2023 3:14	212182
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	09/21/2023 3:14	212182
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	09/21/2023 3:14	212182
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	09/21/2023 3:14	212182
Surr: 2,4,6-Tribromophenol	*	0	10-179		**82.7**	%REC	1	09/21/2023 3:14	212182
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**70.1**	%REC	1	09/21/2023 3:14	212182
Surr: 2-Fluorophenol	*	0	10-157		**70.4**	%REC	1	09/21/2023 3:14	212182
Surr: Nitrobenzene-d5	*	0	15-163		**71.7**	%REC	1	09/21/2023 3:14	212182
Surr: Phenol-d5	*	0	10-162		**61.8**	%REC	1	09/21/2023 3:14	212182
Surr: p-Terphenyl-d14	*	0	10-173		**83.8**	%REC	1	09/21/2023 3:14	212182
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	09/18/2023 14:25	212094
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	09/18/2023 14:25	212094
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	09/18/2023 14:25	212094
m,p-Xylenes	NELAP	0.22	1.00		**ND**	µg/L	1	09/18/2023 14:25	212094
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	09/18/2023 14:25	212094
Naphthalene	NELAP	0.57	2.00		**ND**	µg/L	1	09/18/2023 14:25	212094
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	09/18/2023 14:25	212094
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	09/18/2023 14:25	212094
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	09/18/2023 14:25	212094
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	09/18/2023 14:25	212094
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**108.1**	%REC	1	09/18/2023 14:25	212094
Surr: 4-Bromofluorobenzene	*	0	80-120		**101.5**	%REC	1	09/18/2023 14:25	212094
Surr: Dibromofluoromethane	*	0	80-120		**108.0**	%REC	1	09/18/2023 14:25	212094
Surr: Toluene-d8	*	0	80-120		**100.4**	%REC	1	09/18/2023 14:25	212094

Laboratory Results

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Client: ERM
Work Order: 23091065
Client Project: Ameren Taylorville 3rd Qtr 2023
Report Date: 25-Sep-23
Lab ID: 23091065-013
Client Sample ID: GW-20-WG-20230914
Matrix: GROUNDWATER
Collection Date: 09/14/2023 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	09/22/2023 14:40	212182
Acenaphthylene	NELAP	).000050	0.000100		**0.000635**	mg/L	1	09/22/2023 14:40	212182
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	09/22/2023 14:40	212182
Benzo(a)anthracene	NELAP	).000070	0.000100		**0.000976**	mg/L	1	09/22/2023 14:40	212182
Benzo(a)pyrene	NELAP	).000110	0.000200		**0.00315**	mg/L	1	09/22/2023 14:40	212182
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**0.00269**	mg/L	1	09/22/2023 14:40	212182
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**0.00324**	mg/L	1	09/22/2023 14:40	212182
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**0.000771**	mg/L	1	09/22/2023 14:40	212182
Bis(2-ethylhexyl)phthalate	NELAP	0.0014	0.0020	J	**0.0016**	mg/L	1	09/22/2023 14:40	212182
Chrysene	NELAP	).000050	0.000100		**0.00131**	mg/L	1	09/22/2023 14:40	212182
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**0.000681**	mg/L	1	09/22/2023 14:40	212182
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	09/22/2023 14:40	212182
Fluoranthene	NELAP	).000270	0.000300		**0.00107**	mg/L	1	09/22/2023 14:40	212182
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	09/22/2023 14:40	212182
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**0.00234**	mg/L	1	09/22/2023 14:40	212182
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	09/22/2023 14:40	212182
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	09/22/2023 14:40	212182
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	09/22/2023 14:40	212182
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	09/22/2023 14:40	212182
Pyrene	NELAP	).000180	0.000200		**0.00227**	mg/L	1	09/22/2023 14:40	212182
Surr: 2,4,6-Tribromophenol	*	0	10-179		**70.7**	%REC	1	09/22/2023 14:40	212182
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**68.4**	%REC	1	09/22/2023 14:40	212182
Surr: 2-Fluorophenol	*	0	10-157		**64.0**	%REC	1	09/22/2023 14:40	212182
Surr: Nitrobenzene-d5	*	0	15-163		**71.2**	%REC	1	09/22/2023 14:40	212182
Surr: Phenol-d5	*	0	10-162		**53.7**	%REC	1	09/22/2023 14:40	212182
Surr: p-Terphenyl-d14	*	0	10-173		**63.0**	%REC	1	09/22/2023 14:40	212182
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	09/18/2023 14:50	212094
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	09/18/2023 14:50	212094
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	09/18/2023 14:50	212094
m,p-Xylenes	NELAP	0.22	1.00		**ND**	µg/L	1	09/18/2023 14:50	212094
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	09/18/2023 14:50	212094
Naphthalene	NELAP	0.57	2.00		**ND**	µg/L	1	09/18/2023 14:50	212094
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	09/18/2023 14:50	212094
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	09/18/2023 14:50	212094
trans-1,2-Dichloroethene	NELAP	0.10	2.0	J	**0.48**	µg/L	1	09/18/2023 14:50	212094
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	09/18/2023 14:50	212094
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**107.0**	%REC	1	09/18/2023 14:50	212094
Surr: 4-Bromofluorobenzene	*	0	80-120		**102.8**	%REC	1	09/18/2023 14:50	212094
Surr: Dibromofluoromethane	*	0	80-120		**105.4**	%REC	1	09/18/2023 14:50	212094
Surr: Toluene-d8	*	0	80-120		**98.9**	%REC	1	09/18/2023 14:50	212094

Laboratory Results

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Client: ERM
Work Order: 23091065
Client Project: Ameren Taylorville 3rd Qtr 2023
Report Date: 25-Sep-23
Lab ID: 23091065-014
Client Sample ID: GW-21-WG-20230915
Matrix: GROUNDWATER
Collection Date: 09/15/2023 10:35

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	09/22/2023 13:18	212242
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/22/2023 13:18	212242
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	09/22/2023 13:18	212242
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/22/2023 13:18	212242
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	09/22/2023 13:18	212242
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/22/2023 13:18	212242
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/22/2023 13:18	212242
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/22/2023 13:18	212242
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	09/22/2023 13:18	212242
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/22/2023 13:18	212242
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/22/2023 13:18	212242
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	09/22/2023 13:18	212242
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	09/22/2023 13:18	212242
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	09/22/2023 13:18	212242
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	09/22/2023 13:18	212242
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	09/22/2023 13:18	212242
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	09/22/2023 13:18	212242
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	09/22/2023 13:18	212242
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	09/22/2023 13:18	212242
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	09/22/2023 13:18	212242
Surr: 2,4,6-Tribromophenol	*	0	10-179		**74.7**	%REC	1	09/22/2023 13:18	212242
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**71.3**	%REC	1	09/22/2023 13:18	212242
Surr: 2-Fluorophenol	*	0	10-157		**71.1**	%REC	1	09/22/2023 13:18	212242
Surr: Nitrobenzene-d5	*	0	15-163		**74.5**	%REC	1	09/22/2023 13:18	212242
Surr: Phenol-d5	*	0	10-162		**64.7**	%REC	1	09/22/2023 13:18	212242
Surr: p-Terphenyl-d14	*	0	10-173		**87.9**	%REC	1	09/22/2023 13:18	212242
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	09/18/2023 15:15	212094
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	09/18/2023 15:15	212094
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	09/18/2023 15:15	212094
m,p-Xylenes	NELAP	0.22	1.00		**ND**	µg/L	1	09/18/2023 15:15	212094
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	09/18/2023 15:15	212094
Naphthalene	NELAP	0.57	2.00		**ND**	µg/L	1	09/18/2023 15:15	212094
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	09/18/2023 15:15	212094
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	09/18/2023 15:15	212094
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	09/18/2023 15:15	212094
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	09/18/2023 15:15	212094
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**109.8**	%REC	1	09/18/2023 15:15	212094
Surr: 4-Bromofluorobenzene	*	0	80-120		**99.9**	%REC	1	09/18/2023 15:15	212094
Surr: Dibromofluoromethane	*	0	80-120		**109.4**	%REC	1	09/18/2023 15:15	212094
Surr: Toluene-d8	*	0	80-120		**97.0**	%REC	1	09/18/2023 15:15	212094

Laboratory Results

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Client: ERM
Work Order: 23091065
Client Project: Ameren Taylorville 3rd Qtr 2023
Report Date: 25-Sep-23
Lab ID: 23091065-015
Client Sample ID: GW-22S-WG-20230914
Matrix: GROUNDWATER
Collection Date: 09/14/2023 9:05

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/22/2023 1:10	212242
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/22/2023 1:10	212242
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	09/22/2023 1:10	212242
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/22/2023 1:10	212242
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	09/22/2023 1:10	212242
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/22/2023 1:10	212242
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/22/2023 1:10	212242
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/22/2023 1:10	212242
Bis(2-ethylhexyl)phthalate	NELAP	0.0014	0.0020	J	**0.0019**	mg/L	1	09/22/2023 1:10	212242
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/22/2023 1:10	212242
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/22/2023 1:10	212242
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	09/22/2023 1:10	212242
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	09/22/2023 1:10	212242
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	09/22/2023 1:10	212242
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	09/22/2023 1:10	212242
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	09/22/2023 1:10	212242
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	09/22/2023 1:10	212242
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	09/22/2023 1:10	212242
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	09/22/2023 1:10	212242
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	09/22/2023 1:10	212242
Surr: 2,4,6-Tribromophenol	*	0	10-179		**105.2**	%REC	1	09/22/2023 1:10	212242
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**76.8**	%REC	1	09/22/2023 1:10	212242
Surr: 2-Fluorophenol	*	0	10-157		**102.8**	%REC	1	09/22/2023 1:10	212242
Surr: Nitrobenzene-d5	*	0	15-163		**76.9**	%REC	1	09/22/2023 1:10	212242
Surr: Phenol-d5	*	0	10-162		**61.7**	%REC	1	09/22/2023 1:10	212242
Surr: p-Terphenyl-d14	*	0	10-173		**87.9**	%REC	1	09/22/2023 1:10	212242
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	09/18/2023 15:40	212094
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	09/18/2023 15:40	212094
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	09/18/2023 15:40	212094
m,p-Xylenes	NELAP	0.22	1.00		**ND**	µg/L	1	09/18/2023 15:40	212094
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	09/18/2023 15:40	212094
Naphthalene	NELAP	0.57	2.00		**ND**	µg/L	1	09/18/2023 15:40	212094
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	09/18/2023 15:40	212094
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	09/18/2023 15:40	212094
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	09/18/2023 15:40	212094
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	09/18/2023 15:40	212094
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**106.2**	%REC	1	09/18/2023 15:40	212094
Surr: 4-Bromofluorobenzene	*	0	80-120		**103.3**	%REC	1	09/18/2023 15:40	212094
Surr: Dibromofluoromethane	*	0	80-120		**105.0**	%REC	1	09/18/2023 15:40	212094
Surr: Toluene-d8	*	0	80-120		**98.9**	%REC	1	09/18/2023 15:40	212094

Laboratory Results

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Client: ERM
Work Order: 23091065
Client Project: Ameren Taylorville 3rd Qtr 2023
Report Date: 25-Sep-23
Lab ID: 23091065-016
Client Sample ID: GW-22D-WG-20230914
Matrix: GROUNDWATER
Collection Date: 09/14/2023 8:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/22/2023 1:48	212242
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/22/2023 1:48	212242
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	09/22/2023 1:48	212242
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/22/2023 1:48	212242
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	09/22/2023 1:48	212242
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/22/2023 1:48	212242
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/22/2023 1:48	212242
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/22/2023 1:48	212242
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	09/22/2023 1:48	212242
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/22/2023 1:48	212242
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/22/2023 1:48	212242
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	09/22/2023 1:48	212242
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	09/22/2023 1:48	212242
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	09/22/2023 1:48	212242
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	09/22/2023 1:48	212242
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	09/22/2023 1:48	212242
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	09/22/2023 1:48	212242
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	09/22/2023 1:48	212242
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	09/22/2023 1:48	212242
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	09/22/2023 1:48	212242
Surr: 2,4,6-Tribromophenol	*	0	10-179		**96.2**	%REC	1	09/22/2023 1:48	212242
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**75.6**	%REC	1	09/22/2023 1:48	212242
Surr: 2-Fluorophenol	*	0	10-157		**95.5**	%REC	1	09/22/2023 1:48	212242
Surr: Nitrobenzene-d5	*	0	15-163		**77.1**	%REC	1	09/22/2023 1:48	212242
Surr: Phenol-d5	*	0	10-162		**62.6**	%REC	1	09/22/2023 1:48	212242
Surr: p-Terphenyl-d14	*	0	10-173		**81.6**	%REC	1	09/22/2023 1:48	212242
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	09/18/2023 16:05	212094
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	09/18/2023 16:05	212094
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	09/18/2023 16:05	212094
m,p-Xylenes	NELAP	0.22	1.00		**ND**	µg/L	1	09/18/2023 16:05	212094
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	09/18/2023 16:05	212094
Naphthalene	NELAP	0.57	2.00		**ND**	µg/L	1	09/18/2023 16:05	212094
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	09/18/2023 16:05	212094
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	09/18/2023 16:05	212094
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	09/18/2023 16:05	212094
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	09/18/2023 16:05	212094
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**105.3**	%REC	1	09/18/2023 16:05	212094
Surr: 4-Bromofluorobenzene	*	0	80-120		**104.1**	%REC	1	09/18/2023 16:05	212094
Surr: Dibromofluoromethane	*	0	80-120		**105.1**	%REC	1	09/18/2023 16:05	212094
Surr: Toluene-d8	*	0	80-120		**96.1**	%REC	1	09/18/2023 16:05	212094

Laboratory Results

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Client: ERM
Work Order: 23091065
Client Project: Ameren Taylorville 3rd Qtr 2023
Report Date: 25-Sep-23
Lab ID: 23091065-017
Client Sample ID: DUP-001-WG-20230913
Matrix: GROUNDWATER
Collection Date: 09/13/2023 0:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.0175	0.0250		**0.0299**	mg/L	250	09/22/2023 16:03	212182
Acenaphthylene	NELAP	).000050	0.000100		**0.00154**	mg/L	1	09/22/2023 15:21	212182
Anthracene	NELAP	).000200	0.000300		**0.000802**	mg/L	1	09/22/2023 15:21	212182
Benzo(a)anthracene	NELAP	).000070	0.00010	J	**0.000078**	mg/L	1	09/22/2023 15:21	212182
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	09/22/2023 15:21	212182
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/22/2023 15:21	212182
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/22/2023 15:21	212182
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/22/2023 15:21	212182
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	09/22/2023 15:21	212182
Chrysene	NELAP	).000050	0.000100		**0.000187**	mg/L	1	09/22/2023 15:21	212182
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/22/2023 15:21	212182
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	09/22/2023 15:21	212182
Fluoranthene	NELAP	).000270	0.000300		**0.00444**	mg/L	1	09/22/2023 15:21	212182
Fluorene	NELAP	0.0200	0.0500		**0.0538**	mg/L	250	09/22/2023 16:03	212182
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	09/22/2023 15:21	212182
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	09/22/2023 15:21	212182
Naphthalene	NELAP	0.0850	0.100		**0.446**	mg/L	250	09/22/2023 16:03	212182
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	09/22/2023 15:21	212182
Phenanthrene	NELAP	0.132	0.150		**ND**	mg/L	250	09/22/2023 16:03	212182
Pyrene	NELAP	).000180	0.000200		**0.00227**	mg/L	1	09/22/2023 15:21	212182
Surr: 2,4,6-Tribromophenol	*	0	10-179		**101.0**	%REC	1	09/22/2023 15:21	212182
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**95.3**	%REC	1	09/22/2023 15:21	212182
Surr: 2-Fluorophenol	*	0	10-157		**82.3**	%REC	1	09/22/2023 15:21	212182
Surr: Nitrobenzene-d5	*	0	15-163		**93.5**	%REC	1	09/22/2023 15:21	212182
Surr: Phenol-d5	*	0	10-162		**74.2**	%REC	1	09/22/2023 15:21	212182
Surr: p-Terphenyl-d14	*	0	10-173		**100.2**	%REC	1	09/22/2023 15:21	212182

Elevated reporting limit due to high levels of target analytes.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.50	5.00		**241**	µg/L	10	09/19/2023 12:17	212157
Bromoform	NELAP	0.90	2.00		**ND**	µg/L	10	09/19/2023 12:17	212157
Ethylbenzene	NELAP	1.00	10.0		**144**	µg/L	10	09/19/2023 12:17	212157
m,p-Xylenes	NELAP	2.20	10.0		**20.8**	µg/L	10	09/19/2023 12:17	212157
Methylene chloride	NELAP	8.7	20	J	**10**	µg/L	10	09/19/2023 12:17	212157
Naphthalene	NELAP	5.70	20.0		**740**	µg/L	10	09/19/2023 12:17	212157
o-Xylene	NELAP	0.50	10.0		**82.1**	µg/L	10	09/19/2023 12:17	212157
Toluene	NELAP	1.0	20	J	**15**	µg/L	10	09/19/2023 12:17	212157
trans-1,2-Dichloroethene	NELAP	1.00	20.0		**ND**	µg/L	10	09/19/2023 12:17	212157
Xylenes, Total	NELAP	2.80	20.0		**103**	µg/L	10	09/19/2023 12:17	212157
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**95.9**	%REC	10	09/19/2023 12:17	212157
Surr: 4-Bromofluorobenzene	*	0	80-120		**93.4**	%REC	10	09/19/2023 12:17	212157
Surr: Dibromofluoromethane	*	0	80-120		**100.9**	%REC	10	09/19/2023 12:17	212157
Surr: Toluene-d8	*	0	80-120		**92.1**	%REC	10	09/19/2023 12:17	212157

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

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 23091065
Client Project: Ameren Taylorville 3rd Qtr 2023
Report Date: 25-Sep-23
Lab ID: 23091065-018
Client Sample ID: TB-001-WQ-20230913
Matrix: TRIP BLANK
Collection Date: 09/15/2023 12:25

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	09/18/2023 9:26	212094
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	09/18/2023 9:26	212094
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	09/18/2023 9:26	212094
m,p-Xylenes	NELAP	0.22	1.00		**ND**	µg/L	1	09/18/2023 9:26	212094
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	09/18/2023 9:26	212094
Naphthalene	NELAP	0.57	2.00		**ND**	µg/L	1	09/18/2023 9:26	212094
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	09/18/2023 9:26	212094
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	09/18/2023 9:26	212094
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	09/18/2023 9:26	212094
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	09/18/2023 9:26	212094
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**116.0**	%REC	1	09/18/2023 9:26	212094
Surr: 4-Bromofluorobenzene	*	0	80-120		**86.2**	%REC	1	09/18/2023 9:26	212094
Surr: Dibromofluoromethane	*	0	80-120		**109.2**	%REC	1	09/18/2023 9:26	212094
Surr: Toluene-d8	*	0	80-120		**90.6**	%REC	1	09/18/2023 9:26	212094

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 23091065
Client Project: Ameren Taylorville 3rd Qtr 2023
Report Date: 25-Sep-23
Lab ID: 23091065-019
Client Sample ID: DUP-002-WG-20230915
Matrix: GROUNDWATER
Collection Date: 09/15/2023 0:00

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	09/22/2023 2:26	212242
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/22/2023 2:26	212242
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	09/22/2023 2:26	212242
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/22/2023 2:26	212242
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	09/22/2023 2:26	212242
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/22/2023 2:26	212242
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/22/2023 2:26	212242
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/22/2023 2:26	212242
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	09/22/2023 2:26	212242
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/22/2023 2:26	212242
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/22/2023 2:26	212242
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	09/22/2023 2:26	212242
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	09/22/2023 2:26	212242
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	09/22/2023 2:26	212242
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	09/22/2023 2:26	212242
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	09/22/2023 2:26	212242
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	09/22/2023 2:26	212242
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	09/22/2023 2:26	212242
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	09/22/2023 2:26	212242
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	09/22/2023 2:26	212242
Surr: 2,4,6-Tribromophenol	*	0	10-179		**97.1**	%REC	1	09/22/2023 2:26	212242
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**76.8**	%REC	1	09/22/2023 2:26	212242
Surr: 2-Fluorophenol	*	0	10-157		**96.2**	%REC	1	09/22/2023 2:26	212242
Surr: Nitrobenzene-d5	*	0	15-163		**77.0**	%REC	1	09/22/2023 2:26	212242
Surr: Phenol-d5	*	0	10-162		**61.1**	%REC	1	09/22/2023 2:26	212242
Surr: p-Terphenyl-d14	*	0	10-173		**82.2**	%REC	1	09/22/2023 2:26	212242
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	09/18/2023 16:55	212094
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	09/18/2023 16:55	212094
Ethylbenzene	NELAP	0.10	1.0	J	**0.31**	µg/L	1	09/18/2023 16:55	212094
m,p-Xylenes	NELAP	0.22	1.00		**ND**	µg/L	1	09/18/2023 16:55	212094
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	09/18/2023 16:55	212094
Naphthalene	NELAP	0.57	2.00		**11.0**	µg/L	1	09/18/2023 16:55	212094
o-Xylene	NELAP	0.05	1.0	J	**0.20**	µg/L	1	09/18/2023 16:55	212094
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	09/18/2023 16:55	212094
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	09/18/2023 16:55	212094
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	09/18/2023 16:55	212094
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**105.0**	%REC	1	09/18/2023 16:55	212094
Surr: 4-Bromofluorobenzene	*	0	80-120		**102.6**	%REC	1	09/18/2023 16:55	212094
Surr: Dibromofluoromethane	*	0	80-120		**104.4**	%REC	1	09/18/2023 16:55	212094
Surr: Toluene-d8	*	0	80-120		**99.3**	%REC	1	09/18/2023 16:55	212094

Laboratory Results

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Client: ERM
Work Order: 23091065
Client Project: Ameren Taylorville 3rd Qtr 2023
Report Date: 25-Sep-23
Lab ID: 23091065-020
Client Sample ID: GW-25-WG-20230914
Matrix: GROUNDWATER
Collection Date: 09/14/2023 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		**ND**	mg/L	1	09/22/2023 3:03	212242
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/22/2023 3:03	212242
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	09/22/2023 3:03	212242
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/22/2023 3:03	212242
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	09/22/2023 3:03	212242
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/22/2023 3:03	212242
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/22/2023 3:03	212242
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/22/2023 3:03	212242
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	09/22/2023 3:03	212242
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/22/2023 3:03	212242
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/22/2023 3:03	212242
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	09/22/2023 3:03	212242
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	09/22/2023 3:03	212242
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	09/22/2023 3:03	212242
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	09/22/2023 3:03	212242
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	09/22/2023 3:03	212242
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	09/22/2023 3:03	212242
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	09/22/2023 3:03	212242
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	09/22/2023 3:03	212242
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	09/22/2023 3:03	212242
Surr: 2,4,6-Tribromophenol	*	0	10-179		**115.1**	%REC	1	09/22/2023 3:03	212242
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**79.3**	%REC	1	09/22/2023 3:03	212242
Surr: 2-Fluorophenol	*	0	10-157		**102.0**	%REC	1	09/22/2023 3:03	212242
Surr: Nitrobenzene-d5	*	0	15-163		**79.0**	%REC	1	09/22/2023 3:03	212242
Surr: Phenol-d5	*	0	10-162		**59.0**	%REC	1	09/22/2023 3:03	212242
Surr: p-Terphenyl-d14	*	0	10-173		**92.5**	%REC	1	09/22/2023 3:03	212242
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	09/18/2023 17:19	212094
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	09/18/2023 17:19	212094
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	09/18/2023 17:19	212094
m,p-Xylenes	NELAP	0.22	1.00		**ND**	µg/L	1	09/18/2023 17:19	212094
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	09/18/2023 17:19	212094
Naphthalene	NELAP	0.57	2.0	J	**1.5**	µg/L	1	09/18/2023 17:19	212094
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	09/18/2023 17:19	212094
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	09/18/2023 17:19	212094
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	09/18/2023 17:19	212094
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	09/18/2023 17:19	212094
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**105.7**	%REC	1	09/18/2023 17:19	212094
Surr: 4-Bromofluorobenzene	*	0	80-120		**99.1**	%REC	1	09/18/2023 17:19	212094
Surr: Dibromofluoromethane	*	0	80-120		**103.1**	%REC	1	09/18/2023 17:19	212094
Surr: Toluene-d8	*	0	80-120		**98.0**	%REC	1	09/18/2023 17:19	212094

Laboratory Results

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Client: ERM
Work Order: 23091065
Client Project: Ameren Taylorville 3rd Qtr 2023
Report Date: 25-Sep-23
Lab ID: 23091065-021
Client Sample ID: GW-26-WG-20230915
Matrix: GROUNDWATER
Collection Date: 09/15/2023 8:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/22/2023 3:41	212242
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/22/2023 3:41	212242
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	09/22/2023 3:41	212242
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/22/2023 3:41	212242
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	09/22/2023 3:41	212242
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/22/2023 3:41	212242
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/22/2023 3:41	212242
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/22/2023 3:41	212242
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	09/22/2023 3:41	212242
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/22/2023 3:41	212242
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/22/2023 3:41	212242
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	09/22/2023 3:41	212242
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	09/22/2023 3:41	212242
Fluorene	NELAP	).000080	0.000200		**ND**	mg/L	1	09/22/2023 3:41	212242
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	09/22/2023 3:41	212242
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	09/22/2023 3:41	212242
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	09/22/2023 3:41	212242
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	09/22/2023 3:41	212242
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	09/22/2023 3:41	212242
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	09/22/2023 3:41	212242
Surr: 2,4,6-Tribromophenol	*	0	10-179		**105.0**	%REC	1	09/22/2023 3:41	212242
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**86.4**	%REC	1	09/22/2023 3:41	212242
Surr: 2-Fluorophenol	*	0	10-157		**97.6**	%REC	1	09/22/2023 3:41	212242
Surr: Nitrobenzene-d5	*	0	15-163		**85.6**	%REC	1	09/22/2023 3:41	212242
Surr: Phenol-d5	*	0	10-162		**58.7**	%REC	1	09/22/2023 3:41	212242
Surr: p-Terphenyl-d14	*	0	10-173		**92.4**	%REC	1	09/22/2023 3:41	212242
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	09/18/2023 17:44	212094
Bromoform	NELAP	0.09	0.20		**ND**	µg/L	1	09/18/2023 17:44	212094
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	09/18/2023 17:44	212094
m,p-Xylenes	NELAP	0.22	1.00		**ND**	µg/L	1	09/18/2023 17:44	212094
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	09/18/2023 17:44	212094
Naphthalene	NELAP	0.57	2.0	J	**0.69**	µg/L	1	09/18/2023 17:44	212094
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	09/18/2023 17:44	212094
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	09/18/2023 17:44	212094
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	09/18/2023 17:44	212094
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	09/18/2023 17:44	212094
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**106.7**	%REC	1	09/18/2023 17:44	212094
Surr: 4-Bromofluorobenzene	*	0	80-120		**102.5**	%REC	1	09/18/2023 17:44	212094
Surr: Dibromofluoromethane	*	0	80-120		**106.2**	%REC	1	09/18/2023 17:44	212094
Surr: Toluene-d8	*	0	80-120		**99.0**	%REC	1	09/18/2023 17:44	212094

Sample Summary

http://www.teklabinc.com/

Client: ERM

Work Order: 23091065

Client Project: Ameren Taylorville 3rd Qtr 2023

Report Date: 25-Sep-23

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
23091065-001	GW-04R-WG-20230913	Groundwater	2	09/13/2023 16:20
23091065-002	GW-05-WG-20230915	Groundwater	2	09/13/2023 9:25
23091065-003	GW-07-WG-20230913	Groundwater	2	09/13/2023 11:45
23091065-004	GW-14-WG-20230913	Groundwater	2	09/13/2023 12:50
23091065-005	GW-15-WG-20230913	Groundwater	2	09/13/2023 15:25
23091065-006	GW-16S-WG-20230914	Groundwater	2	09/14/2023 16:05
23091065-007	GW-16D-WG-20230914	Groundwater	2	09/14/2023 17:05
23091065-008	GW-17-WG-20230914	Groundwater	2	09/14/2023 15:20
23091065-009	GW-18S-WG-20230914	Groundwater	2	09/14/2023 13:30
23091065-010	GW-18D-WG-20230914	Groundwater	2	09/14/2023 13:05
23091065-011	GW-19S-WG-20230914	Groundwater	2	09/14/2023 11:50
23091065-012	GW-19D-WG-20230914	Groundwater	2	09/14/2023 11:00
23091065-013	GW-20-WG-20230914	Groundwater	2	09/14/2023 9:35
23091065-014	GW-21-WG-20230915	Groundwater	2	09/15/2023 10:35
23091065-015	GW-22S-WG-20230914	Groundwater	2	09/14/2023 9:05
23091065-016	GW-22D-WG-20230914	Groundwater	2	09/14/2023 8:40
23091065-017	DUP-001-WG-20230913	Groundwater	2	09/13/2023 0:00
23091065-018	TB-001-WQ-20230913	Trip Blank	1	09/15/2023 12:25
23091065-019	DUP-002-WG-20230915	Groundwater	2	09/15/2023 0:00
23091065-020	GW-25-WG-20230914	Groundwater	2	09/14/2023 15:00
23091065-021	GW-26-WG-20230915	Groundwater	2	09/15/2023 8:00

Dates Report

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 3rd Qtr 2023

Work Order: 23091065

Report Date: 25-Sep-23

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
23091065-001A	GW-04R-WG-20230913	09/13/2023 16:20	09/15/2023 12:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/19/2023 15:15	09/22/2023 11:14
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/19/2023 15:15	09/22/2023 13:59
23091065-001B	GW-04R-WG-20230913	09/13/2023 16:20	09/15/2023 12:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/18/2023 9:51
23091065-002A	GW-05-WG-20230915	09/13/2023 9:25	09/15/2023 12:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/19/2023 15:15	09/22/2023 11:56
23091065-002B	GW-05-WG-20230915	09/13/2023 9:25	09/15/2023 12:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/18/2023 10:16
23091065-003A	GW-07-WG-20230913	09/13/2023 11:45	09/15/2023 12:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/19/2023 15:15	09/22/2023 0:33
23091065-003B	GW-07-WG-20230913	09/13/2023 11:45	09/15/2023 12:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/18/2023 10:41
23091065-004A	GW-14-WG-20230913	09/13/2023 12:50	09/15/2023 12:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/19/2023 15:15	09/22/2023 12:37
23091065-004B	GW-14-WG-20230913	09/13/2023 12:50	09/15/2023 12:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/18/2023 11:06
23091065-005A	GW-15-WG-20230913	09/13/2023 15:25	09/15/2023 12:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/19/2023 15:15	09/20/2023 22:22
23091065-005B	GW-15-WG-20230913	09/13/2023 15:25	09/15/2023 12:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/18/2023 11:31
23091065-006A	GW-16S-WG-20230914	09/14/2023 16:05	09/15/2023 12:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/19/2023 15:15	09/20/2023 23:04
23091065-006B	GW-16S-WG-20230914	09/14/2023 16:05	09/15/2023 12:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/18/2023 11:55
23091065-007A	GW-16D-WG-20230914	09/14/2023 17:05	09/15/2023 12:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/19/2023 15:15	09/20/2023 23:46
23091065-007B	GW-16D-WG-20230914	09/14/2023 17:05	09/15/2023 12:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/18/2023 12:20
23091065-008A	GW-17-WG-20230914	09/14/2023 15:20	09/15/2023 12:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/19/2023 15:15	09/21/2023 0:27
23091065-008B	GW-17-WG-20230914	09/14/2023 15:20	09/15/2023 12:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/18/2023 12:45
23091065-009A	GW-18S-WG-20230914	09/14/2023 13:30	09/15/2023 12:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/19/2023 15:15	09/21/2023 1:09

Dates Report

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 3rd Qtr 2023

Work Order: 23091065

Report Date: 25-Sep-23

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
23091065-009B	GW-18S-WG-20230914	09/14/2023 13:30	09/15/2023 12:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/18/2023 13:10
23091065-010A	GW-18D-WG-20230914	09/14/2023 13:05	09/15/2023 12:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/19/2023 15:15	09/21/2023 1:51
23091065-010B	GW-18D-WG-20230914	09/14/2023 13:05	09/15/2023 12:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/18/2023 13:35
23091065-011A	GW-19S-WG-20230914	09/14/2023 11:50	09/15/2023 12:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/19/2023 15:15	09/21/2023 2:33
23091065-011B	GW-19S-WG-20230914	09/14/2023 11:50	09/15/2023 12:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/18/2023 14:00
23091065-012A	GW-19D-WG-20230914	09/14/2023 11:00	09/15/2023 12:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/19/2023 15:15	09/21/2023 3:14
23091065-012B	GW-19D-WG-20230914	09/14/2023 11:00	09/15/2023 12:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/18/2023 14:25
23091065-013A	GW-20-WG-20230914	09/14/2023 9:35	09/15/2023 12:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/19/2023 15:15	09/22/2023 14:40
23091065-013B	GW-20-WG-20230914	09/14/2023 9:35	09/15/2023 12:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/18/2023 14:50
23091065-014A	GW-21-WG-20230915	09/15/2023 10:35	09/15/2023 12:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/20/2023 16:42	09/22/2023 13:18
23091065-014B	GW-21-WG-20230915	09/15/2023 10:35	09/15/2023 12:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/18/2023 15:15
23091065-015A	GW-22S-WG-20230914	09/14/2023 9:05	09/15/2023 12:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/20/2023 16:42	09/22/2023 1:10
23091065-015B	GW-22S-WG-20230914	09/14/2023 9:05	09/15/2023 12:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/18/2023 15:40
23091065-016A	GW-22D-WG-20230914	09/14/2023 8:40	09/15/2023 12:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/20/2023 16:42	09/22/2023 1:48
23091065-016B	GW-22D-WG-20230914	09/14/2023 8:40	09/15/2023 12:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/18/2023 16:05
23091065-017A	DUP-001-WG-20230913	09/13/2023 0:00	09/15/2023 12:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/19/2023 15:15	09/22/2023 15:21
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/19/2023 15:15	09/22/2023 16:03
23091065-017B	DUP-001-WG-20230913	09/13/2023 0:00	09/15/2023 12:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/19/2023 12:17

Dates Report

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 3rd Qtr 2023

Work Order: 23091065

Report Date: 25-Sep-23

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
23091065-018A	TB-001-WQ-20230913	09/15/2023 12:25	09/15/2023 12:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/18/2023 9:26
23091065-019A	DUP-002-WG-20230915	09/15/2023 0:00	09/15/2023 12:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/20/2023 16:42	09/22/2023 2:26
23091065-019B	DUP-002-WG-20230915	09/15/2023 0:00	09/15/2023 12:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/18/2023 16:55
23091065-020A	GW-25-WG-20230914	09/14/2023 15:00	09/15/2023 12:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/20/2023 16:42	09/22/2023 3:03
23091065-020B	GW-25-WG-20230914	09/14/2023 15:00	09/15/2023 12:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/18/2023 17:19
23091065-021A	GW-26-WG-20230915	09/15/2023 8:00	09/15/2023 12:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/20/2023 16:42	09/22/2023 3:41
23091065-021B	GW-26-WG-20230915	09/15/2023 8:00	09/15/2023 12:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/18/2023 17:44

Client: ERM **Work Order:** 23091065

Client Project: Ameren Taylorville 3rd Qtr 2023 **Report Date:** 25-Sep-23

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

Batch **212182** **SampType:** **MBLK** Units **mg/L**

SampID: MBLK-212182

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**ND**						09/21/2023
Acenaphthylene		0.000100		**ND**						09/21/2023
Anthracene		0.000300		**ND**						09/21/2023
Benzo(a)anthracene		0.000100		**ND**						09/21/2023
Benzo(a)pyrene		0.000200		**ND**						09/21/2023
Benzo(b)fluoranthene		0.000100		**ND**						09/21/2023
Benzo(g,h,i)perylene		0.000200		**ND**						09/21/2023
Benzo(k)fluoranthene		0.000100		**ND**						09/21/2023
Bis(2-ethylhexyl)phthalate		0.00600		**ND**						09/21/2023
Chrysene		0.000100		**ND**						09/21/2023
Dibenzo(a,h)anthracene		0.000200		**ND**						09/21/2023
Di-n-butyl phthalate		0.0100		**ND**						09/21/2023
Fluoranthene		0.000300		**ND**						09/21/2023
Fluorene		0.000200		**ND**						09/21/2023
Indeno(1,2,3-cd)pyrene		0.000200		**ND**						09/21/2023
m,p-Cresol		0.0100		**ND**						09/21/2023
Naphthalene		0.000400		**ND**						09/21/2023
o-Cresol		0.0100		**ND**						09/21/2023
Phenanthrene		0.000600		**ND**						09/21/2023
Pyrene		0.000200		**ND**						09/21/2023
Surr: 2,4,6-Tribromophenol	*			**0.00219**	0.0020		109.6	32.2	135	09/21/2023
Surr: 2-Fluorobiphenyl	*			**0.000820**	0.0010		82.0	37.3	109	09/21/2023
Surr: 2-Fluorophenol	*			**0.00170**	0.0020		84.8	34.4	114	09/21/2023
Surr: Nitrobenzene-d5	*			**0.000842**	0.0010		84.2	43.2	112	09/21/2023
Surr: Phenol-d5	*			**0.00151**	0.0020		75.4	33.9	101	09/21/2023
Surr: p-Terphenyl-d14	*			**0.00106**	0.0010		106.4	49.3	140	09/21/2023

Quality Control Results

http://www.teklabinc.com/

Client: ERM

Work Order: 23091065

Client Project: Ameren Taylorville 3rd Qtr 2023

Report Date: 25-Sep-23

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

Batch **212182** **SampType:** **LCS** Units **mg/L**

SampID: LCS-212182

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**0.00156**	0.0020	0	77.8	58.1	103	09/21/2023
Acenaphthylene		0.000100		**0.00172**	0.0020	0	85.8	59.6	117	09/21/2023
Anthracene		0.000300		**0.00155**	0.0020	0	77.3	58.4	110	09/21/2023
Benzo(a)anthracene		0.000100		**0.00167**	0.0020	0	83.5	66.7	112	09/21/2023
Benzo(a)pyrene		0.000200		**0.00174**	0.0020	0	87.1	69	125	09/21/2023
Benzo(b)fluoranthene		0.000100		**0.00176**	0.0020	0	87.8	66.1	128	09/21/2023
Benzo(g,h,i)perylene		0.000200		**0.00190**	0.0020	0	95.0	59.9	128	09/21/2023
Benzo(k)fluoranthene		0.000100		**0.00183**	0.0020	0	91.3	66.5	116	09/21/2023
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0023**	0.0020	0	114.0	51.3	187	09/21/2023
Chrysene		0.000100		**0.00160**	0.0020	0	79.9	58.8	117	09/21/2023
Dibenzo(a,h)anthracene		0.000200		**0.00197**	0.0020	0	98.6	60	142	09/21/2023
Di-n-butyl phthalate		0.0100	J	**0.0019**	0.0020	0	95.7	61.5	128	09/21/2023
Fluoranthene		0.000300		**0.00171**	0.0020	0	85.4	59.6	120	09/21/2023
Fluorene		0.000200		**0.00149**	0.0020	0	74.7	59.2	109	09/21/2023
Indeno(1,2,3-cd)pyrene		0.000200		**0.00194**	0.0020	0	96.8	60.7	134	09/21/2023
m,p-Cresol		0.0100		**0.0164**	0.0200	0	82.0	54	106	09/21/2023
Naphthalene		0.000400		**0.00157**	0.0020	0	78.3	56.6	98.5	09/21/2023
o-Cresol		0.0100		**0.0165**	0.0200	0	82.3	54.2	105	09/21/2023
Phenanthrene		0.000600		**0.00160**	0.0020	0	80.1	61.3	113	09/21/2023
Pyrene		0.000200		**0.00176**	0.0020	0	87.8	53.7	117	09/21/2023
Surr: 2,4,6-Tribromophenol	*			**0.00175**	0.0020		87.6	32.2	135	09/21/2023
Surr: 2-Fluorobiphenyl	*			**0.000695**	0.0010		69.5	37.3	109	09/21/2023
Surr: 2-Fluorophenol	*			**0.00131**	0.0020		65.7	34.4	114	09/21/2023
Surr: Nitrobenzene-d5	*			**0.000693**	0.0010		69.3	43.2	112	09/21/2023
Surr: Phenol-d5	*			**0.00119**	0.0020		59.7	33.9	101	09/21/2023
Surr: p-Terphenyl-d14	*			**0.000870**	0.0010		87.0	49.3	140	09/21/2023

Client: ERM **Work Order:** 23091065

Client Project: Ameren Taylorville 3rd Qtr 2023 **Report Date:** 25-Sep-23

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

Batch **212182** **SampType:** **LCSD** Units **mg/L** RPD Limit **40**

SampID: LCSD-212182

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		**0.00160**	0.0020	0	79.8	0.001556	2.56	09/21/2023
Acenaphthylene		0.000100		**0.00175**	0.0020	0	87.7	0.001716	2.22	09/21/2023
Anthracene		0.000300		**0.00162**	0.0020	0	80.8	0.001545	4.55	09/21/2023
Benzo(a)anthracene		0.000100		**0.00169**	0.0020	0	84.3	0.001671	0.91	09/21/2023
Benzo(a)pyrene		0.000200		**0.00177**	0.0020	0	88.6	0.001742	1.67	09/21/2023
Benzo(b)fluoranthene		0.000100		**0.00175**	0.0020	0	87.6	0.001757	0.24	09/21/2023
Benzo(g,h,i)perylene		0.000200		**0.00191**	0.0020	0	95.3	0.001901	0.30	09/21/2023
Benzo(k)fluoranthene		0.000100		**0.00183**	0.0020	0	91.4	0.001827	0.01	09/21/2023
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0024**	0.0020	0	119.0	0.002280	0.00	09/21/2023
Chrysene		0.000100		**0.00163**	0.0020	0	81.6	0.001599	2.12	09/21/2023
Dibenzo(a,h)anthracene		0.000200		**0.00202**	0.0020	0	101.2	0.001973	2.61	09/21/2023
Di-n-butyl phthalate		0.0100	J	**0.0019**	0.0020	0	96.8	0.001913	0.00	09/21/2023
Fluoranthene		0.000300		**0.00172**	0.0020	0	85.8	0.001708	0.44	09/21/2023
Fluorene		0.000200		**0.00163**	0.0020	0	81.6	0.001495	8.85	09/21/2023
Indeno(1,2,3-cd)pyrene		0.000200		**0.00195**	0.0020	0	97.6	0.001937	0.83	09/21/2023
m,p-Cresol		0.0100		**0.0182**	0.0200	0	91.0	0.01641	10.42	09/21/2023
Naphthalene		0.000400		**0.00159**	0.0020	0	79.6	0.001565	1.66	09/21/2023
o-Cresol		0.0100		**0.0176**	0.0200	0	87.9	0.01645	6.59	09/21/2023
Phenanthrene		0.000600		**0.00166**	0.0020	0	82.8	0.001602	3.33	09/21/2023
Pyrene		0.000200		**0.00176**	0.0020	0	87.8	0.001756	0.02	09/21/2023
Surr: 2,4,6-Tribromophenol	*			**0.00179**	0.0020		89.6			09/21/2023
Surr: 2-Fluorobiphenyl	*			**0.000816**	0.0010		81.6			09/21/2023
Surr: 2-Fluorophenol	*			**0.00154**	0.0020		77.1			09/21/2023
Surr: Nitrobenzene-d5	*			**0.000795**	0.0010		79.5			09/21/2023
Surr: Phenol-d5	*			**0.00150**	0.0020		74.8			09/21/2023
Surr: p-Terphenyl-d14	*			**0.000879**	0.0010		87.9			09/21/2023

Client: ERM **Work Order:** 23091065

Client Project: Ameren Taylorville 3rd Qtr 2023 **Report Date:** 25-Sep-23

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

Batch **212242** **SampType:** **MBLK** Units **mg/L**

SampID: MBLK-212242

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**ND**						09/21/2023
Acenaphthylene		0.000100		**ND**						09/21/2023
Anthracene		0.000300		**ND**						09/21/2023
Benzo(a)anthracene		0.000100		**ND**						09/21/2023
Benzo(a)pyrene		0.000200		**ND**						09/21/2023
Benzo(b)fluoranthene		0.000100		**ND**						09/21/2023
Benzo(g,h,i)perylene		0.000200		**ND**						09/21/2023
Benzo(k)fluoranthene		0.000100		**ND**						09/21/2023
Bis(2-ethylhexyl)phthalate		0.00600		**ND**						09/21/2023
Chrysene		0.000100		**ND**						09/21/2023
Dibenzo(a,h)anthracene		0.000200		**ND**						09/21/2023
Di-n-butyl phthalate		0.0100		**ND**						09/21/2023
Fluoranthene		0.000300		**ND**						09/21/2023
Fluorene		0.000200		**ND**						09/21/2023
Indeno(1,2,3-cd)pyrene		0.000200		**ND**						09/21/2023
m,p-Cresol		0.0100		**ND**						09/21/2023
Naphthalene		0.000400		**ND**						09/21/2023
o-Cresol		0.0100		**ND**						09/21/2023
Phenanthrene		0.000600		**ND**						09/21/2023
Pyrene		0.000200		**ND**						09/21/2023
Surr: 2,4,6-Tribromophenol	*			**0.00169**	0.0020		84.5	32.2	135	09/21/2023
Surr: 2-Fluorobiphenyl	*			**0.000715**	0.0010		71.5	37.3	109	09/21/2023
Surr: 2-Fluorophenol	*			**0.00152**	0.0020		75.8	34.4	114	09/21/2023
Surr: Nitrobenzene-d5	*			**0.000768**	0.0010		76.8	43.2	112	09/21/2023
Surr: Phenol-d5	*			**0.00129**	0.0020		64.7	33.9	101	09/21/2023
Surr: p-Terphenyl-d14	*			**0.000831**	0.0010		83.1	49.3	140	09/21/2023

Client: ERM **Work Order:** 23091065

Client Project: Ameren Taylorville 3rd Qtr 2023 **Report Date:** 25-Sep-23

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

Batch **212242** **SampType:** **LCS** Units **mg/L**

SampID: LCS-212242

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**0.00160**	0.0020	0	79.8	58.1	103	09/21/2023
Acenaphthylene		0.000100		**0.00181**	0.0020	0	90.3	59.6	117	09/21/2023
Anthracene		0.000300		**0.00160**	0.0020	0	79.9	58.4	110	09/21/2023
Benzo(a)anthracene		0.000100		**0.00168**	0.0020	0	84.0	66.7	112	09/21/2023
Benzo(a)pyrene		0.000200		**0.00172**	0.0020	0	86.1	69	125	09/21/2023
Benzo(b)fluoranthene		0.000100		**0.00172**	0.0020	0	86.1	66.1	128	09/21/2023
Benzo(g,h,i)perylene		0.000200		**0.00183**	0.0020	0	91.5	59.9	128	09/21/2023
Benzo(k)fluoranthene		0.000100		**0.00175**	0.0020	0	87.3	66.5	116	09/21/2023
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0025**	0.0020	0	126.7	51.3	187	09/21/2023
Chrysene		0.000100		**0.00165**	0.0020	0	82.5	58.8	117	09/21/2023
Dibenzo(a,h)anthracene		0.000200		**0.00196**	0.0020	0	98.2	60	142	09/21/2023
Di-n-butyl phthalate		0.0100	J	**0.0019**	0.0020	0	93.2	61.5	128	09/21/2023
Fluoranthene		0.000300		**0.00166**	0.0020	0	83.0	59.6	120	09/21/2023
Fluorene		0.000200		**0.00158**	0.0020	0	79.0	59.2	109	09/21/2023
Indeno(1,2,3-cd)pyrene		0.000200		**0.00191**	0.0020	0	95.3	60.7	134	09/21/2023
m,p-Cresol		0.0100		**0.0181**	0.0200	0	90.6	54	106	09/21/2023
Naphthalene		0.000400		**0.00160**	0.0020	0	79.9	56.6	98.5	09/21/2023
o-Cresol		0.0100		**0.0180**	0.0200	0	89.9	54.2	105	09/21/2023
Phenanthrene		0.000600		**0.00166**	0.0020	0	82.9	61.3	113	09/21/2023
Pyrene		0.000200		**0.00164**	0.0020	0	81.8	53.7	117	09/21/2023
Surr: 2,4,6-Tribromophenol	*			**0.00164**	0.0020		81.8	32.2	135	09/21/2023
Surr: 2-Fluorobiphenyl	*			**0.000810**	0.0010		81.0	37.3	109	09/21/2023
Surr: 2-Fluorophenol	*			**0.00169**	0.0020		84.4	34.4	114	09/21/2023
Surr: Nitrobenzene-d5	*			**0.000834**	0.0010		83.4	43.2	112	09/21/2023
Surr: Phenol-d5	*			**0.00165**	0.0020		82.7	33.9	101	09/21/2023
Surr: p-Terphenyl-d14	*			**0.000904**	0.0010		90.4	49.3	140	09/21/2023

Client: ERM **Work Order:** 23091065

Client Project: Ameren Taylorville 3rd Qtr 2023 **Report Date:** 25-Sep-23

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

Batch **212242** **SampType:** **LCSD** Units **mg/L** RPD Limit **40**

SampID: LCSD-212242

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		**0.00164**	0.0020	0	81.9	0.001596	2.61	09/21/2023
Acenaphthylene		0.000100		**0.00183**	0.0020	0	91.5	0.001806	1.29	09/21/2023
Anthracene		0.000300		**0.00159**	0.0020	0	79.6	0.001598	0.46	09/21/2023
Benzo(a)anthracene		0.000100		**0.00168**	0.0020	0	84.2	0.001681	0.15	09/21/2023
Benzo(a)pyrene		0.000200		**0.00174**	0.0020	0	86.9	0.001722	0.91	09/21/2023
Benzo(b)fluoranthene		0.000100		**0.00175**	0.0020	0	87.7	0.001723	1.82	09/21/2023
Benzo(g,h,i)perylene		0.000200		**0.00192**	0.0020	0	95.8	0.001830	4.57	09/21/2023
Benzo(k)fluoranthene		0.000100		**0.00183**	0.0020	0	91.5	0.001747	4.70	09/21/2023
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0023**	0.0020	0	113.1	0.002534	0.00	09/21/2023
Chrysene		0.000100		**0.00174**	0.0020	0	86.8	0.001650	5.02	09/21/2023
Dibenzo(a,h)anthracene		0.000200		**0.00197**	0.0020	0	98.5	0.001964	0.25	09/21/2023
Di-n-butyl phthalate		0.0100	J	**0.0019**	0.0020	0	96.4	0.001864	0.00	09/21/2023
Fluoranthene		0.000300		**0.00177**	0.0020	0	88.6	0.001661	6.48	09/21/2023
Fluorene		0.000200		**0.00161**	0.0020	0	80.3	0.001580	1.64	09/21/2023
Indeno(1,2,3-cd)pyrene		0.000200		**0.00198**	0.0020	0	98.9	0.001905	3.72	09/21/2023
m,p-Cresol		0.0100		**0.0177**	0.0200	0	88.3	0.01812	2.59	09/21/2023
Naphthalene		0.000400		**0.00164**	0.0020	0	82.1	0.001597	2.74	09/21/2023
o-Cresol		0.0100		**0.0175**	0.0200	0	87.4	0.01799	2.83	09/21/2023
Phenanthrene		0.000600		**0.00164**	0.0020	0	82.2	0.001658	0.86	09/21/2023
Pyrene		0.000200		**0.00170**	0.0020	0	85.2	0.001636	4.16	09/21/2023
Surr: 2,4,6-Tribromophenol	*			**0.00170**	0.0020		85.1			09/21/2023
Surr: 2-Fluorobiphenyl	*			**0.000815**	0.0010		81.5			09/21/2023
Surr: 2-Fluorophenol	*			**0.00177**	0.0020		88.6			09/21/2023
Surr: Nitrobenzene-d5	*			**0.000892**	0.0010		89.2			09/21/2023
Surr: Phenol-d5	*			**0.00166**	0.0020		83.2			09/21/2023
Surr: p-Terphenyl-d14	*			**0.000920**	0.0010		92.0			09/21/2023

Client: ERM **Work Order:** 23091065

Client Project: Ameren Taylorville 3rd Qtr 2023 **Report Date:** 25-Sep-23

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

Batch **212242** **SampType:** **MS** Units **mg/L**

SampID: 23091065-021AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**0.00160**	0.0020	0	79.9	28.3	133	09/22/2023
Acenaphthylene		0.000100		**0.00165**	0.0020	0	82.6	5	176	09/22/2023
Anthracene		0.000300		**0.00157**	0.0020	0	78.6	34.6	131	09/22/2023
Benzo(a)anthracene		0.000100		**0.00160**	0.0020	0	79.9	40.3	132	09/22/2023
Benzo(a)pyrene		0.000200		**0.00181**	0.0020	0	90.4	40.8	132	09/22/2023
Benzo(b)fluoranthene		0.000100		**0.00167**	0.0020	0	83.4	41.9	132	09/22/2023
Benzo(g,h,i)perylene		0.000200		**0.00173**	0.0020	0	86.6	46	132	09/22/2023
Benzo(k)fluoranthene		0.000100		**0.00166**	0.0020	0	83.2	49.4	126	09/22/2023
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0022**	0.0020	0	110.0	18.4	222	09/22/2023
Chrysene		0.000100		**0.00181**	0.0020	0	90.3	46.1	129	09/22/2023
Dibenzo(a,h)anthracene		0.000200		**0.00188**	0.0020	0	93.8	42.1	146	09/22/2023
Di-n-butyl phthalate		0.0100	J	**0.0017**	0.0020	0	84.4	59.6	146	09/22/2023
Fluoranthene		0.000300		**0.00162**	0.0020	0	80.9	23.9	164	09/22/2023
Fluorene		0.000200		**0.00165**	0.0020	0	82.3	24.3	148	09/22/2023
Indeno(1,2,3-cd)pyrene		0.000200		**0.00185**	0.0020	0	92.7	26.6	157	09/22/2023
m,p-Cresol		0.0100		**0.0155**	0.0200	0	77.7	5	156	09/22/2023
Naphthalene		0.000400		**0.00157**	0.0020	0	78.3	24.2	132	09/22/2023
o-Cresol		0.0100		**0.0157**	0.0200	0	78.6	38	113	09/22/2023
Phenanthrene		0.000600		**0.00164**	0.0020	0	82.1	36.6	139	09/22/2023
Pyrene		0.000200		**0.00131**	0.0020	0	65.5	14.6	169	09/22/2023
Surr: 2,4,6-Tribromophenol	*			**0.00207**	0.0020		103.4	10	179	09/22/2023
Surr: 2-Fluorobiphenyl	*			**0.000800**	0.0010		80.0	21.4	142	09/22/2023
Surr: 2-Fluorophenol	*			**0.00241**	0.0020		120.6	10	157	09/22/2023
Surr: Nitrobenzene-d5	*			**0.000879**	0.0010		87.9	15	163	09/22/2023
Surr: Phenol-d5	*			**0.00143**	0.0020		71.4	10	162	09/22/2023
Surr: p-Terphenyl-d14	*			**0.000861**	0.0010		86.1	10	173	09/22/2023

Client: ERM **Work Order:** 23091065

Client Project: Ameren Taylorville 3rd Qtr 2023 **Report Date:** 25-Sep-23

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

Batch **212242** **SampType:** **MSD** Units **mg/L** RPD Limit **40**

SampID: 23091065-021AMSD

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	0.001598	2.09	09/22/2023
Acenaphthylene		0.000100		**0.00170**	0.0020	0	85.1	0.001651	3.01	09/22/2023
Anthracene		0.000300		**0.00156**	0.0020	0	78.0	0.001572	0.68	09/22/2023
Benzo(a)anthracene		0.000100		**0.00161**	0.0020	0	80.7	0.001599	0.95	09/22/2023
Benzo(a)pyrene		0.000200		**0.00173**	0.0020	0	86.7	0.001808	4.15	09/22/2023
Benzo(b)fluoranthene		0.000100		**0.00163**	0.0020	0	81.3	0.001669	2.60	09/22/2023
Benzo(g,h,i)perylene		0.000200		**0.00172**	0.0020	0	85.8	0.001732	0.97	09/22/2023
Benzo(k)fluoranthene		0.000100		**0.00173**	0.0020	0	86.5	0.001664	3.84	09/22/2023
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0023**	0.0020	0	114.5	0.002199	0.00	09/22/2023
Chrysene		0.000100		**0.00188**	0.0020	0	94.1	0.001806	4.10	09/22/2023
Dibenzo(a,h)anthracene		0.000200		**0.00185**	0.0020	0	92.5	0.001876	1.45	09/22/2023
Di-n-butyl phthalate		0.0100	J	**0.0017**	0.0020	0	85.1	0.001689	0.00	09/22/2023
Fluoranthene		0.000300		**0.00166**	0.0020	0	82.8	0.001617	2.31	09/22/2023
Fluorene		0.000200		**0.00166**	0.0020	0	82.9	0.001646	0.78	09/22/2023
Indeno(1,2,3-cd)pyrene		0.000200		**0.00189**	0.0020	0	94.6	0.001853	2.10	09/22/2023
m,p-Cresol		0.0100		**0.0150**	0.0200	0	74.9	0.01554	3.65	09/22/2023
Naphthalene		0.000400		**0.00159**	0.0020	0	79.7	0.001566	1.81	09/22/2023
o-Cresol		0.0100		**0.0150**	0.0200	0	74.9	0.01573	4.92	09/22/2023
Phenanthrene		0.000600		**0.00165**	0.0020	0	82.3	0.001642	0.27	09/22/2023
Pyrene		0.000200		**0.00128**	0.0020	0	64.2	0.001310	1.92	09/22/2023
Surr: 2,4,6-Tribromophenol	*			**0.00213**	0.0020		106.6			09/22/2023
Surr: 2-Fluorobiphenyl	*			**0.000836**	0.0010		83.6			09/22/2023
Surr: 2-Fluorophenol	*			**0.00239**	0.0020		119.3			09/22/2023
Surr: Nitrobenzene-d5	*			**0.000915**	0.0010		91.5			09/22/2023
Surr: Phenol-d5	*			**0.00165**	0.0020		82.4			09/22/2023
Surr: p-Terphenyl-d14	*			**0.000898**	0.0010		89.8			09/22/2023

Client: ERM **Work Order:** 23091065

Client Project: Ameren Taylorville 3rd Qtr 2023 **Report Date:** 25-Sep-23

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

Batch 212094 **SampType:** MBLK Units µg/L

SampID: MBLK-AM230918A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**ND**						09/18/2023
Bromoform	*	2.0		**ND**						09/18/2023
Ethylbenzene	*	2.0		**ND**						09/18/2023
m,p-Xylenes	*	2.0		**ND**						09/18/2023
Methylene chloride	*	2.0		**ND**						09/18/2023
Naphthalene	*	5.0		**ND**						09/18/2023
o-Xylene	*	2.0		**ND**						09/18/2023
Toluene	*	2.0		**ND**						09/18/2023
trans-1,2-Dichloroethene	*	2.0		**ND**						09/18/2023
Xylenes, Total	*	4.0		**ND**						09/18/2023
Surr: 1,2-Dichloroethane-d4	*			**52.5**	50.00		105.0	80	120	09/18/2023
Surr: 4-Bromofluorobenzene	*			**52.1**	50.00		104.2	80	120	09/18/2023
Surr: Dibromofluoromethane	*			**52.7**	50.00		105.4	80	120	09/18/2023
Surr: Toluene-d8	*			**47.4**	50.00		94.8	80	120	09/18/2023

Batch 212094 **SampType:** LCS Units µg/L

SampID: LCS-AM230918A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**55.0**	50.00	0	109.9	78.5	119	09/18/2023
Bromoform	*	2.0		**51.2**	50.00	0	102.3	78.9	121	09/18/2023
Ethylbenzene	*	2.0		**53.8**	50.00	0	107.7	78.2	114	09/18/2023
m,p-Xylenes	*	2.0		**108**	100.0	0	108.1	77.2	116	09/18/2023
Methylene chloride	*	2.0		**55.0**	50.00	0	110.0	71.8	115	09/18/2023
Naphthalene	*	5.0		**56.1**	50.00	0	112.1	75.6	121	09/18/2023
o-Xylene	*	2.0		**53.4**	50.00	0	106.8	79.2	112	09/18/2023
Toluene	*	2.0		**53.1**	50.00	0	106.2	78.6	112	09/18/2023
trans-1,2-Dichloroethene	*	2.0		**55.0**	50.00	0	110.0	75.7	130	09/18/2023
Xylenes, Total	*	4.0		**161**	150.0	0	107.7	78.3	114	09/18/2023
Surr: 1,2-Dichloroethane-d4	*			**51.0**	50.00		102.0	80	120	09/18/2023
Surr: 4-Bromofluorobenzene	*			**49.7**	50.00		99.4	80	120	09/18/2023
Surr: Dibromofluoromethane	*			**52.2**	50.00		104.3	80	120	09/18/2023
Surr: Toluene-d8	*			**48.7**	50.00		97.4	80	120	09/18/2023

Client: ERM **Work Order:** 23091065

Client Project: Ameren Taylorville 3rd Qtr 2023 **Report Date:** 25-Sep-23

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

Batch 212094 **SampType:** LCSD Units µg/L RPD Limit 15.9

SampID: LCSD-AM230918A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	*	0.5		**55.7**	50.00	0	111.3	54.96	1.27	09/18/2023
Bromoform	*	2.0		**51.6**	50.00	0	103.2	51.16	0.88	09/18/2023
Ethylbenzene	*	2.0		**54.1**	50.00	0	108.3	53.83	0.57	09/18/2023
m,p-Xylenes	*	2.0		**109**	100.0	0	109.3	108.1	1.11	09/18/2023
Methylene chloride	*	2.0		**55.3**	50.00	0	110.6	55.01	0.54	09/18/2023
Naphthalene	*	5.0		**57.6**	50.00	0	115.1	56.07	2.62	09/18/2023
o-Xylene	*	2.0		**53.7**	50.00	0	107.4	53.41	0.50	09/18/2023
Toluene	*	2.0		**52.8**	50.00	0	105.6	53.11	0.60	09/18/2023
trans-1,2-Dichloroethene	*	2.0		**56.1**	50.00	0	112.3	55.00	2.05	09/18/2023
Xylenes, Total	*	4.0		**163**	150.0	0	108.6	161.5	0.91	09/18/2023
Surr: 1,2-Dichloroethane-d4	*			**50.6**	50.00		101.3			09/18/2023
Surr: 4-Bromofluorobenzene	*			**49.8**	50.00		99.6			09/18/2023
Surr: Dibromofluoromethane	*			**52.3**	50.00		104.6			09/18/2023
Surr: Toluene-d8	*			**48.5**	50.00		97.0			09/18/2023

Batch 212094 **SampType:** MS Units µg/L

SampID: 23091065-021BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene		0.50		**46.0**	50.00	0	92.0	73.4	121	09/18/2023
Ethylbenzene		1.00		**46.5**	50.00	0	92.9	76.2	120	09/18/2023
m,p-Xylenes		1.00		**49.8**	50.00	0	99.7	82.8	127	09/18/2023
o-Xylene		1.00		**47.1**	50.00	0	94.2	79.2	116	09/18/2023
Toluene		2.00		**45.5**	50.00	0	91.0	75	113	09/18/2023
Xylenes, Total		2.00		**97.0**	100.0	0	97.0	81.2	121	09/18/2023
Surr: 1,2-Dichloroethane-d4	*			**53.5**	50.00		107.0	80	120	09/18/2023
Surr: 4-Bromofluorobenzene	*			**51.2**	50.00		102.5	80	120	09/18/2023
Surr: Dibromofluoromethane	*			**53.0**	50.00		105.9	80	120	09/18/2023
Surr: Toluene-d8	*			**48.4**	50.00		96.9	80	120	09/18/2023

Client: ERM **Work Order:** 23091065

Client Project: Ameren Taylorville 3rd Qtr 2023 **Report Date:** 25-Sep-23

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

Batch 212094 **SampType:** MSD Units µg/L RPD Limit 20

SampID: 23091065-021BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene		0.50		**47.5**	50.00	0	95.0	46.01	3.17	09/18/2023
Ethylbenzene		1.00		**48.4**	50.00	0	96.7	46.46	4.03	09/18/2023
m,p-Xylenes		1.00		**51.8**	50.00	0	103.5	49.83	3.80	09/18/2023
o-Xylene		1.00		**48.6**	50.00	0	97.2	47.12	3.05	09/18/2023
Toluene		2.00		**47.2**	50.00	0	94.4	45.51	3.60	09/18/2023
Xylenes, Total		2.00		**100**	100.0	0	100.3	96.95	3.44	09/18/2023
Surr: 1,2-Dichloroethane-d4	*			**53.4**	50.00		106.9			09/18/2023
Surr: 4-Bromofluorobenzene	*			**52.9**	50.00		105.8			09/18/2023
Surr: Dibromofluoromethane	*			**52.8**	50.00		105.6			09/18/2023
Surr: Toluene-d8	*			**48.6**	50.00		97.2			09/18/2023

Batch 212157 **SampType:** MBLK Units µg/L

SampID: MBLK-AE230919A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**ND**						09/19/2023
Bromoform	*	2.0		**ND**						09/19/2023
Ethylbenzene	*	2.0		**ND**						09/19/2023
m,p-Xylenes	*	2.0		**ND**						09/19/2023
Methylene chloride	*	2.0		**ND**						09/19/2023
Naphthalene	*	5.0		**ND**						09/19/2023
o-Xylene	*	2.0		**ND**						09/19/2023
Toluene	*	2.0		**ND**						09/19/2023
trans-1,2-Dichloroethene	*	2.0		**ND**						09/19/2023
Xylenes, Total	*	4.0		**ND**						09/19/2023
Surr: 1,2-Dichloroethane-d4	*			**49.4**	50.00		98.9	80	120	09/19/2023
Surr: 4-Bromofluorobenzene	*			**47.3**	50.00		94.7	80	120	09/19/2023
Surr: Dibromofluoromethane	*			**52.0**	50.00		104.0	80	120	09/19/2023
Surr: Toluene-d8	*			**46.6**	50.00		93.2	80	120	09/19/2023

Client: ERM **Work Order:** 23091065

Client Project: Ameren Taylorville 3rd Qtr 2023 **Report Date:** 25-Sep-23

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

Batch 212157 **SampType:** LCS Units **µg/L**

SampID: LCS-AE230919A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**53.0**	50.00	0	106.0	78.5	119	09/19/2023
Bromoform	*	2.0		**50.4**	50.00	0	100.8	78.9	121	09/19/2023
Ethylbenzene	*	2.0		**48.2**	50.00	0	96.4	78.2	114	09/19/2023
m,p-Xylenes	*	2.0		**96.8**	100.0	0	96.8	77.2	116	09/19/2023
Methylene chloride	*	2.0		**51.6**	50.00	0	103.2	71.8	115	09/19/2023
Naphthalene	*	5.0		**46.0**	50.00	0	92.0	75.6	121	09/19/2023
o-Xylene	*	2.0		**48.5**	50.00	0	97.0	79.2	112	09/19/2023
Toluene	*	2.0		**47.2**	50.00	0	94.4	78.6	112	09/19/2023
trans-1,2-Dichloroethene	*	2.0		**55.2**	50.00	0	110.4	75.7	130	09/19/2023
Xylenes, Total	*	4.0		**145**	150.0	0	96.9	78.3	114	09/19/2023
Surr: 1,2-Dichloroethane-d4	*			**49.0**	50.00		97.9	80	120	09/19/2023
Surr: 4-Bromofluorobenzene	*			**48.5**	50.00		97.1	80	120	09/19/2023
Surr: Dibromofluoromethane	*			**52.1**	50.00		104.2	80	120	09/19/2023
Surr: Toluene-d8	*			**46.0**	50.00		92.0	80	120	09/19/2023

Batch 212157 **SampType:** LCSD Units **µg/L** RPD Limit **15.9**

SampID: LCSD-AE230919A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	*	0.5		**54.5**	50.00	0	109.1	53.00	2.85	09/19/2023
Bromoform	*	2.0		**52.8**	50.00	0	105.7	50.39	4.75	09/19/2023
Ethylbenzene	*	2.0		**50.3**	50.00	0	100.6	48.22	4.26	09/19/2023
m,p-Xylenes	*	2.0		**101**	100.0	0	101.1	96.79	4.35	09/19/2023
Methylene chloride	*	2.0		**53.5**	50.00	0	107.0	51.60	3.63	09/19/2023
Naphthalene	*	5.0		**46.2**	50.00	0	92.4	46.01	0.46	09/19/2023
o-Xylene	*	2.0		**50.2**	50.00	0	100.4	48.51	3.40	09/19/2023
Toluene	*	2.0		**49.2**	50.00	0	98.3	47.21	4.07	09/19/2023
trans-1,2-Dichloroethene	*	2.0		**57.1**	50.00	0	114.1	55.19	3.35	09/19/2023
Xylenes, Total	*	4.0		**151**	150.0	0	100.9	145.3	4.03	09/19/2023
Surr: 1,2-Dichloroethane-d4	*			**49.2**	50.00		98.4			09/19/2023
Surr: 4-Bromofluorobenzene	*			**47.8**	50.00		95.7			09/19/2023
Surr: Dibromofluoromethane	*			**52.8**	50.00		105.7			09/19/2023
Surr: Toluene-d8	*			**46.4**	50.00		92.8			09/19/2023

Client: ERM **Work Order:** 23091065

Client Project: Ameren Taylorville 3rd Qtr 2023 **Report Date:** 25-Sep-23

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

Batch 212157 **SampType:** LCS Units **µg/L**

SampID: QCS-AE230919A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene		0.5		**53.0**	50.00	0	106.0	65	135	09/19/2023
Bromoform		2.0		**50.4**	50.00	0	100.8	70	130	09/19/2023
Ethylbenzene		2.0		**48.2**	50.00	0	96.4	60	140	09/19/2023
m,p-Xylenes	*	2.0		**96.8**	100.0	0	96.8	60	140	09/19/2023
Methylene chloride		2.0		**51.6**	50.00	0	103.2	60	140	09/19/2023
Naphthalene	*	5.0		**46.0**	50.00	0	92.0	60	140	09/19/2023
o-Xylene	*	2.0		**48.5**	50.00	0	97.0	60	140	09/19/2023
Toluene		2.0		**47.2**	50.00	0	94.4	70	130	09/19/2023
trans-1,2-Dichloroethene		2.0		**55.2**	50.00	0	110.4	70	130	09/19/2023
Xylenes, Total		4.0		**145**	150.0	0	96.9	60	140	09/19/2023
Surr: 1,2-Dichloroethane-d4	*			**49.0**	50.00		97.9	80	120	09/19/2023
Surr: 4-Bromofluorobenzene	*			**48.5**	50.00		97.1	80	120	09/19/2023
Surr: Dibromofluoromethane	*			**52.1**	50.00		104.2	80	120	09/19/2023
Surr: Toluene-d8	*			**46.0**	50.00		92.0	80	120	09/19/2023

Batch 212157 **SampType:** LCSD Units **µg/L** RPD Limit **40**

SampID: QCSD-AE230919A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene		0.5		**54.5**	50.00	0	109.1	53.00	2.85	09/19/2023
Bromoform		2.0		**52.8**	50.00	0	105.7	50.39	4.75	09/19/2023
Ethylbenzene		2.0		**50.3**	50.00	0	100.6	48.22	4.26	09/19/2023
m,p-Xylenes	*	2.0		**101**	100.0	0	101.1	96.79	4.35	09/19/2023
Methylene chloride		2.0		**53.5**	50.00	0	107.0	51.60	3.63	09/19/2023
Naphthalene	*	5.0		**46.2**	50.00	0	92.4	46.01	0.46	09/19/2023
o-Xylene	*	2.0		**50.2**	50.00	0	100.4	48.51	3.40	09/19/2023
Toluene		2.0		**49.2**	50.00	0	98.3	47.21	4.07	09/19/2023
trans-1,2-Dichloroethene		2.0		**57.1**	50.00	0	114.1	55.19	3.35	09/19/2023
Xylenes, Total		4.0		**151**	150.0	0	100.9	145.3	4.03	09/19/2023
Surr: 1,2-Dichloroethane-d4	*			**49.2**	50.00		98.4			09/19/2023
Surr: 4-Bromofluorobenzene	*			**47.8**	50.00		95.7			09/19/2023
Surr: Dibromofluoromethane	*			**52.8**	50.00		105.7			09/19/2023
Surr: Toluene-d8	*			**46.4**	50.00		92.8			09/19/2023

Client: ERM **Work Order:** 23091065

Client Project: Ameren Taylorville 3rd Qtr 2023 **Report Date:** 25-Sep-23

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

Batch 212157 **SampType:** MS Units **µg/L**

SampID: 23091065-017BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene		5.00		**741**	500.0	240.8	100.1	73.4	121	09/19/2023
Ethylbenzene		10.0		**617**	500.0	143.7	94.6	76.2	120	09/19/2023
m,p-Xylenes		10.0		**519**	500.0	20.80	99.6	82.8	127	09/19/2023
o-Xylene		10.0		**550**	500.0	82.10	93.6	79.2	116	09/19/2023
Toluene		20.0		**466**	500.0	14.60	90.3	75	113	09/19/2023
Xylenes, Total		20.0		**1070**	1000	102.9	96.6	81.2	121	09/19/2023
Surr: 1,2-Dichloroethane-d4	*			**486**	500.0		97.3	80	120	09/19/2023
Surr: 4-Bromofluorobenzene	*			**467**	500.0		93.4	80	120	09/19/2023
Surr: Dibromofluoromethane	*			**520**	500.0		103.9	80	120	09/19/2023
Surr: Toluene-d8	*			**464**	500.0		92.7	80	120	09/19/2023

Batch 212157 **SampType:** MSD Units **µg/L** RPD Limit **20**

SampID: 23091065-017BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene		5.00		**753**	500.0	240.8	102.4	741.3	1.57	09/19/2023
Ethylbenzene		10.0		**628**	500.0	143.7	96.9	616.7	1.86	09/19/2023
m,p-Xylenes		10.0		**530**	500.0	20.80	101.9	518.7	2.23	09/19/2023
o-Xylene		10.0		**563**	500.0	82.10	96.2	550.3	2.30	09/19/2023
Toluene		20.0		**479**	500.0	14.60	92.9	466.1	2.71	09/19/2023
Xylenes, Total		20.0		**1090**	1000	102.9	99.1	1069	2.27	09/19/2023
Surr: 1,2-Dichloroethane-d4	*			**481**	500.0		96.2			09/19/2023
Surr: 4-Bromofluorobenzene	*			**474**	500.0		94.9			09/19/2023
Surr: Dibromofluoromethane	*			**524**	500.0		104.8			09/19/2023
Surr: Toluene-d8	*			**466**	500.0		93.3			09/19/2023

Receiving Check List

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 3rd Qtr 2023

Work Order: 23091065

Report Date: 25-Sep-23

Carrier: N. Legg

Received By: MBP

Completed by: Lindsey Maddox
On: 16-Sep-23

Reviewed by: Ellie Hopkins
On: 18-Sep-23

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

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C 4.6
Type of thermal preservation?	None ☐	Ice ☑	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Reported field parameters measured:	Field ☐	Lab ☐	NA ☑	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐		

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

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

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

Headspace was present in the GW-14-WG-2023093 volatile vials. Client was notified via work order summary. - lmaddox - 9/16/2023 11:45:44 AM

Trip Blank collection date and time will be reported as the received date and time (end of trip). - lmaddox - 9/16/2023 11:45:53 AM

CHAIN OF CUSTODY

pg. 1 of 3 Work order # 23091065

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

Client: ERM
Address: 1968 Craig Road
City / State / Zip: St. Louis, MO 63146
Contact: ~~Matt Halley~~ Michael Abegg Phone: (314) 952-2760
E-Mail: ~~matt.halley@erm.com~~ michael.abegg@erm.com Fax:

Samples on: [X] ICE [ ] BLUE ICE [ ] NO ICE 4.6°C LTG# ~~3~~ 1
Preserved in: [X] LAB [ ] FIELD
FOR LAB USE ONLY
Lab Notes: HS 2/2 vials GW-14-WG-2023 cm 9/16

Client Comments

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

Project Name/Number: Ameren Taylorville 3rd Qtr 2023
Sample Collector's Name: M. Abegg ; N. Legg

Results Requested: [X] 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												
JL	~~GW-01-WG-2023~~		1	2								~~X~~					X	X												
NL	~~GW-02-WG-2023~~		1	2								~~X~~					X	X												
NL	~~GW-03-WG-2023~~		1	2								~~X~~					X	X												
23091065-001	GW-04R-WG-2023~~09~~13	9/13/23 ; 1620	1	2								X					X	X												
-002	GW-05-WG-2023~~09~~15	9/15/23 ; 0925	1	2								X					X	X												
-003	GW-07-WG-2023~~09~~13	9/13/23 ; 1145	1	2								X					X	X												
-004	GW-14-WG-2023~~09~~13	9/13/23 ; 1250	1	2								X					X	X												
-005	GW-15-WG-2023~~09~~13	9/13/23 ; 1525	1	2								X					X	X												
-006	GW-16S-WG-2023~~09~~14	9/14/23 ; 1605	1	2								X					X	X												
-007	GW-16D-WG-2023~~09~~14	9/14/23 ; 1705	1	2								X					X	X												

Relinquished By	Date/Time	Received By	Date/Time
[signature]	9/15/23 ; 1225	[signature]	9/15/23 1225

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: 82301

CHAIN OF CUSTODY

pg. 2 of 3 Work order # 23091065

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

Client: ERM
Address: 1968 Craig Road
City / State / Zip St. Louis, MO 63146
Contact: ~~Matt Halley~~ Michael Abegg **Phone:** (314) 952-2760
E-Mail: ~~matt.halley@erm.com~~ michael.abegg@erm.com **Fax:**

Samples on: ☒ ICE ☐ BLUE ICE ☐ NO ICE 4.6 °C LTG# 1
Preserved in: ☒ LAB ☐ FIELD
FOR LAB USE ONLY
Lab Notes:

Client Comments

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

Project Name/Number	Sample Collector's Name
Ameren Taylorville 3rd Qtr 2023	M. Abegg; N. Legg

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
008	GW-17-WG-2023 0914	9/14/23; 1520	1	2		X		X	X
009	GW-18S-WG-2023 0914	9/14/23; 1330	1	2		X		X	X
010	GW-18D-WG-2023 0914	9/14/23; 1305	1	2		X		X	X
011	GW-19S-WG-2023 0914	9/14/23; 1150	1	2		X		X	X
012	GW-19D-WG-2023 0914	9/14/23; 1100	1	2		X		X	X
013	GW-20-WG-2023 0914	9/14/23; 0935	1	2		X		X	X
014	GW-21-WG-2023 0915	9/15/23; 1035	1	2		X		X	X
015	GW-22S-WG-2023 0914	9/14/23; 0905	1	2		X		X	X
016	GW-22D-WG-2023 0914	9/14/23; 0840	1	2		X		X	X
	~~GW-24-WG-2023~~		1	2		X		X	X

Relinquished By	Date/Time	Received By	Date/Time
[signature]	9/15/23; 1225	[signature]	9/15/23 1225

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BottleOrder: 82301

CHAIN OF CUSTODY

pg. 3 of 3 Work order # 23091065

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

Client: ERM
Address: 1968 Craig Road
City / State / Zip St. Louis, MO 63146
Contact: ~~Matt Halley~~ Michael Abegg **Phone:** (314) 952-2760
E-Mail: ~~matt.halley@erm.com~~ michael.abegg@erm.com **Fax:**

Samples on: ☒ ICE ☐ BLUE ICE ☐ NO ICE 4.6 °C LTG# 1
Preserved in: ☐ LAB ☐ FIELD
FOR LAB USE ONLY
Lab Notes:

Client Comments

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

Project Name/Number	Sample Collector's Name
Ameren Taylorville 3rd Qtr 2023	M. Abegg ; N. Legg

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												
-017 NU	~~Dup 1-~~WG-2023~~09~~13 DUP-001	9/13/23 ; —	1	2								X					X	X												
	~~Field Blank 1-WQ-2023~~		~~1~~	~~2~~							X						X	X												
-018 NU	~~Trip Blank 1-WQ-2023~~ TB-001-WQ-2023~~09~~13	9/13/23;0800		2									X					X												
	~~Trip Blank 2-WQ-2023~~			~~2~~									X					X												
	~~Trip Blank 3-WQ-2023~~			2									X					X												
	Trip Blank 4-WQ-2023			2									X					X												
-019 NU	~~Dup 2-~~WG-2023~~09~~15 DUP-002	9/15/23; —	1	2								X					X	X												
-020	GW-25-WG-2023~~09~~14	9/14/23;1500	1	2								X					X	X												
-021	GW-26-WG-2023~~09~~15	9/15/23;0800	~~1~~ 3	~~2~~ 6								X					X	X												

Relinquished By	Date/Time	Received By	Date/Time
[signature]	~~X~~ NU 9/15/23;1225	[signature]	9/15/23 1225

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BottleOrder: 82301

ATTACHMENT B SUMMARY OF HISTORICAL ANALYTICAL RESULTS: 2015 - SEPTEMBER 2023

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

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

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

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

GW-01 Analyte	Unit	Remediation Objective (RO)	Result 2/14/2017	Result 5/16/2017	Result 8/16/2017	Result 11/22/2017	Result (DUP) 11/22/2017	Result 2/15/2018	Result (DUP) 2/15/2018	Result 5/10/2018
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	< 0.002	**0.0013 J**	< 0.006	< 0.006	**0.0017 JSR**	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	---	---	---
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	**0.00012 J**	< 0.0001 B	< 0.0001 B	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0001 B	**0.00016 B**	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzene	µg/L	5.0	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.5	< 0.5	< 0.5	< 0.5	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1

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

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

GW-01 Analyte	Unit	Remediation Objective (RO)	Result (DUP) 5/10/2018	Result 8/14/2018	Result (DUP) 8/14/2018	Result 11/8/2018	Result (DUP) 11/8/2018	Result 2/19/2019	Result 5/7/2019	Result 8/14/2019	Result 11/13/2019
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**8.8E-05 J**	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.00006 J**
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	---	---	---	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	---	< 0.0002	**0.00089**	< 0.0002
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2 B	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 1 B	< 1	< 1	< 1	< 1	< 1	< 2	< 2	< 2

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

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

GW-01 Analyte	Unit	Remediation Objective (RO)	Result 2/19/2020	Result 5/14/2020	Result 8/13/2020	Result 11/11/2020	Result 2/24/2021	Result 5/13/2021	Result 8/11/2021	Result 11/9/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 7.4E-05	< 0.0001	< 0.0001	< 0.0001	NA	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 7.4E-05	< 0.0001	< 0.0001	< 0.0001	NA	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001 B	< 0.00022	< 0.0003	< 0.0003	< 0.0003	NA	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 7.4E-05	< 0.0001	< 0.0001	< 0.0001	NA	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 7.4E-05	< 0.0001	< 0.0001	< 0.0002	NA	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 7.4E-05	< 0.0001	< 0.0001	< 0.0001	NA	**0.000074 J**	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.00015	< 0.0002	< 0.0002	< 0.0002	NA	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 7.4E-05	< 0.0001	< 0.0001	< 0.0001	NA	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.00148 C	< 0.002 C	< 0.002 C	< 0.002	NA	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 7.4E-05	< 0.0001	< 0.0001	< 0.0001	NA	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 7.4E-05	< 0.0001	< 0.0001	< 0.0002	NA	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01	NA	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.00022	< 0.0003	< 0.0003	< 0.0003	NA	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.00015	< 0.0002	< 0.0002	< 0.0002	NA	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001 B	< 7.4E-05	< 0.0001	< 0.0001	< 0.0002	NA	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01	NA	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01	NA	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.0003	< 0.0004	< 0.0004	< 0.0004	NA	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.00044	< 0.0006	< 0.0006	**0.0007**	NA	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002 B	< 0.00015	< 0.0002	< 0.0002	< 0.0002	NA	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.37 J**
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**0.37 J**

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

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

GW-01 Analyte	Unit	Remediation Objective (RO)	Result 2/16/2022	Result 5/10/2022	Result 9/8/2022	Result 11/29/2022	Result 2/15/2023	Result 5/16/2023
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	**0.48 J**	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	**0.1 J**	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2

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

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

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

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

GW-02 Analyte	Unit	Remediation Objective (RO)	Result 5/25/2016	Result 8/17/2016	Result 11/15/2016	Result 2/16/2017	Result 5/16/2017	Result 8/18/2017
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	**0.00019 J**	**0.0053 J**	**0.0089 J**	< 0.01
Acenaphthylene	mg/L	-	**0.0004 J**	**0.00011 J**	**0.0019 J**	**0.0087 J**	**0.0103**	**0.00048 J**
Anthracene	mg/L	2.1	**0.00029 J**	**0.00026 J**	**0.00025 J**	**0.00036 J**	**0.0012 J**	**0.00057 J**
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	**0.00006 J**	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	---	---	---	**0.00229**	**0.00746**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	**0.00022 J**	**0.00019 J**
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	**0.00099 J**	**0.00012 J**
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---
Phenanthrene	mg/L	-	**0.00023 J**	< 0.0064	< 0.0064	< 0.0064	**0.0018 J**	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	**0.00009 J**	**0.00009 J**	**0.00029 J**	**0.00022 J**
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	**1.21**	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4

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

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

GW-02 Analyte	Unit	Remediation Objective (RO)	Result 11/21/2017	Result 2/15/2018	Result 5/9/2018	Result 8/14/2018	Result 2/20/2019	Result 5/8/2019	Result (DUP) 5/8/2019
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	**0.000323**	**0.000062 J**	**0.000791**	**0.000065 J**	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	**0.000329**	**0.000348**	**0.000273**	**0.000239**	**0.000243**	**0.00013**	**0.00011**
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000056 J**	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000059 J**	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.008	**0.0018 J**	< 0.002	**0.00615**	**0.0108**	**0.00416**	**0.00756**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.00006 J**	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	---	---	---
Fluoranthene	mg/L	0.28	**0.000118**	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	**0.00057**	< 0.0002
Phenanthrene	mg/L	-	< 0.0001	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	**0.000151**	**0.000155**	**0.000159**	**0.00012**	**0.00013 BJ**	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.1	< 2	< 2	< 2	< 2	**1.5 J**	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	**0.11 J**	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 1	< 1	< 1	< 1	< 1	< 2	< 2

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

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

GW-02 Analyte	Unit	Remediation Objective (RO)	Result 8/13/2019	Result 11/14/2019	Result (DUP) 11/14/2019	Result 2/19/2020	Result 5/14/2020	Result (DUP) 5/14/2020	Result 8/14/2020	Result 11/11/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	**0.000085 J**	**0.00017**	0.00017	< 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	0.00027	< 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
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 2023
Ameren Taylorville, IL MGP Site

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

Notes:
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 2023
Ameren Taylorville, IL MGP Site

GW-02 Analyte	Unit	Remediation Objective (RO)	Result 11/30/2022	Result (DUP) 11/30/2022	Result 2/15/2023	Result 5/16/2023
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	**0.00008 J**	**0.00171 H**
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	**0.00043**	**0.0036 H**
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.00027	< 0.0003 H
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.00009	< 0.0001 H
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.00018	< 0.0002 H
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.00009	< 0.0001 H
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.00018	< 0.0002 H
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.00009	< 0.0001 H
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	**0.00431**	< 0.002 H
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.00009	< 0.0001 H
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.00018	< 0.0002 H
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.00896	< 0.01 H
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.00027	< 0.0003 H
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	**0.00033**	**0.00016 JH**
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.00018	< 0.0002 H
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.00896	< 0.01 H
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.00896	< 0.0004 H
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	**0.00448**	< 0.01 H
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.00054	< 0.0006 H
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.00018	< 0.0002 H
Benzene	µg/L	5.0	< 0.5	< 0.5	**1.23**	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	**0.53 J**	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	**0.36 J**	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	**0.47 J**	**0.46 BJ**	**7.22**	< 2
o-Xylene	µg/L	-	< 1	< 1	**1.21**	< 1
Toluene	µg/L	1000	< 2	< 2	**0.15 J**	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	**1.6 J**	< 2

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

Attachment B
Summary of Analytical Results
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Ameren Taylorville, IL MGP Site

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

Notes:
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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 2023
Ameren Taylorville, IL MGP Site

GW-03 Analyte	Unit	Remediation Objective (RO)	Result (DUP) 8/17/2016	Result 11/15/2016	Result 2/16/2017	Result (DUP) 2/16/2017	Result 5/16/2017	Result (DUP) 5/16/2017	Result 8/18/2017	Result 11/21/2017
Acenaphthene	mg/L	0.42	**0.001 J**	**0.00051 J**	**0.00022 J**	**0.0002 J**	**0.00068 J**	**0.00064 J**	**0.00027 J**	< 0.0001
Acenaphthylene	mg/L	-	**0.0044 J**	**0.0024 J**	**0.00084 J**	**0.00085 J**	**0.0028 J**	**0.0033 J**	**0.0015 J**	**0.000147**
Anthracene	mg/L	2.1	**0.00013 J**	< 0.0066	< 0.0066	< 0.0066	**0.00019 J**	**0.00022 J**	**0.00016 J**	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	**0.00006 J**	< 0.0001	< 0.0001	**0.00007 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.0001
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	---	---	---	**0.0018 J**	**0.0021**	**0.0107**	< 0.006
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---
Fluoranthene	mg/L	0.28	**0.00095 J**	**0.0011 J**	**0.0011 J**	**0.001 J**	**0.0019 J**	**0.0021 J**	**0.00225**	**0.00162**
Fluorene	mg/L	0.28	**0.0011 J**	**0.0006 J**	**0.0003 J**	**0.00035 J**	**0.001 J**	**0.0013 J**	**0.00059 J**	**0.000122**
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	**0.00038 J**	**0.0003 J**	< 0.0064	**0.00012 J**	**0.00082 J**	**0.00081 J**	< 0.0064	**0.000154**
Pyrene	mg/L	0.21	**0.0015 J**	**0.0017 J**	**0.0017 J**	**0.0016 J**	**0.00284**	**0.00325**	**0.00359**	**0.00279**
Benzene	µg/L	5.0	**14.5**	**6.65**	**4.52**	**4.92**	**18.7**	**20.8**	**4.99**	**0.75**
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 10	< 2	< 2	< 2
Ethylbenzene	µg/L	700	**5.39**	**0.76 J**	**0.3 J**	**0.32 J**	**11.8**	**14.3**	**0.72 J**	< 1
m,p-Xylenes	µg/L	-	**30.7**	**4.22**	**0.53 J**	**0.55 J**	**51.8**	**63.8**	**2.5 J**	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 1	< 0.2	< 0.2	< 0.5
Naphthalene	µg/L	140	**474**	**195**	**22.2**	**23.6**	**554**	**370**	**67.7**	**1.05**
o-Xylene	µg/L	-	**33.3**	**9**	**4.12**	**4.31**	**54.6**	**64.5**	**6.13**	< 1
Toluene	µg/L	1000	**6.74**	**0.83 J**	< 2	< 2	**21.6**	**26.8**	**0.92 J**	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 25	< 5	< 5	< 2
Xylenes, Total	µg/L	10000	**64.1**	**13.2**	**4.65**	**4.86**	**106**	**128**	**8.6**	< 1

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 2023
Ameren Taylorville, IL MGP Site

GW-03 Analyte	Unit	Remediation Objective (RO)	Result 2/15/2018	Result 5/9/2018	Result 8/14/2018	Result 11/7/2018	Result 2/20/2019	Result 5/8/2019	Result 8/13/2019	Result 11/14/2019
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000624	0.000792	0.00122
Acenaphthylene	mg/L	-	0.000072 J	0.000065 J	0.000143	0.000083 J	0.00018	0.00247	0.00229	0.00563
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000163	0.00013
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	0.000055 J	0.000096 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	0.000072 J	< 0.0001	< 0.0001	0.00006 J	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	0.00005 J	0.000101	< 0.0001	< 0.0001	0.000133	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	0.000051 J	< 0.0001	< 0.0002	0.00018 J	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.00892	0.00306	< 0.002	0.00266	< 0.002	0.00655	0.00207	< 0.05
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	0.000076 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	---	---	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	0.000884	0.00109	0.00103	0.000901	0.00063	0.00089	0.000664	0.00101
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000828	0.00113	0.00244
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00031	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	0.00057 J	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	---	---	0.00094 J	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	0.542	0.00132	0.597
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	0.000653
Pyrene	mg/L	0.21	0.00034	0.00124	0.00155	0.00118	0.00095 B	0.00155	0.00109	0.00183
Benzene	µg/L	5.0	< 0.5	2.55	0.16 J	0.41 J	3.71	43.9	30.2	10.8
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 20	< 2
Ethylbenzene	µg/L	700	< 1	0.2 J	< 1	< 1	0.14 J	23.8	7.3 J	3.81
m,p-Xylenes	µg/L	-	0.3 J	2.27	< 1	0.31 J	2.65	124	83.1	22.8
Methylene chloride	µg/L	5.0	0.33 J	< 2	< 2	< 2	< 2	< 2	< 20	< 2
Naphthalene	µg/L	140	< 2	8.12	< 2	1.8 J	26.9	606	1020	674
o-Xylene	µg/L	-	0.31 J	3.45	0.13 J	1.02	5.56	112	86.8	28.6
Toluene	µg/L	1000	0.47 J	0.54 J	0.16 J	< 2	0.29 J	43.4	11 J	2.68
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 20	< 2
Xylenes, Total	µg/L	10000	0.61 J	5.72	< 1	1.33	8.21	237	170	51.3

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mg/L = milligrams per liter
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Attachment B
Summary of Analytical Results
2015 - September 2023
Ameren Taylorville, IL MGP Site

GW-03 Analyte	Unit	Remediation Objective (RO)	Result 2/19/2020	Result 5/12/2020	Result 8/14/2020	Result 11/10/2020	Result 2/24/2021	Result (DUP) 2/24/2021	Result 5/13/2021	Result 8/11/2021
Acenaphthene	mg/L	0.42	**0.000844**	**0.00117**	**0.00139**	**0.000473**	**0.00078**	**0.000795**	**0.000597**	**0.000938**
Acenaphthylene	mg/L	-	**0.00292**	**0.0042 J**	**0.00501**	**0.00183**	**0.00346**	**0.00309**	**0.00245**	**0.00292**
Anthracene	mg/L	2.1	**0.000154**	**0.00017 J**	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	**0.00024 J**
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.000082	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.000082	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.000082	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.000164	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.000082	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0109**	< 0.00164 C	**0.0461 C**	< 0.002 C	**0.00316**	< 0.002	**0.0018 J**	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.000082	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.000082	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.0082	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	**0.000421**	**0.000306**	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	**0.00186**	**0.00274**	**0.00314**	**0.0012**	**0.00228**	**0.00235**	**0.00159**	**0.00262**
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	**0.000081 J**	< 0.000082	**0.000071 J**	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.0082	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.0082	< 0.01	< 0.0100	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	**0.153**	**0.521**	**0.587**	**0.128**	**0.239**	**0.181**	**0.202 S**	**0.157**
Phenanthrene	mg/L	-	**0.000613**	**0.000971**	**0.0011**	**0.000605**	**0.001080**	**0.000925**	**0.000769**	**0.00127**
Pyrene	mg/L	0.21	**0.000819**	**0.000661**	**0.000298**	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	**24**	**50.1**	**47.1**	**16.2**	**23.6**	**22.8**	**10.4**	**24.2**
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	**12.7**	**42.6**	**40.5**	**21.6**	**32.4**	**31.6**	**12.5**	**37.9**
m,p-Xylenes	µg/L	-	**41.6**	**135**	**76**	**9.33**	**25.8**	**25.5**	**6.19**	**16.4**
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	**654**	**1000**	**842**	**924**	**421**	**425**	**285 E**	**511**
o-Xylene	µg/L	-	**52.2**	**124**	**107**	**31**	**41.7**	**40.7**	**15.7**	**38**
Toluene	µg/L	1000	**6.2**	**21.8**	**11.5**	**2.34**	**5.63**	**5.52**	**1.3 J**	**4.37**
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	**93.9**	**259**	**183**	**40.4**	**67.5**	**66.2**	**21.9**	**54.4**

Notes:
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Attachment B
Summary of Analytical Results
2015 - September 2023
Ameren Taylorville, IL MGP Site

GW-03 Analyte	Unit	Remediation Objective (RO)	Result 11/9/2021	Result 2/16/2022	Result 5/12/2022	Result 9/8/2022	Result (DUP) 9/8/2022	Result 11/30/2022	Result 2/15/2023	Result 5/18/2023
Acenaphthene	mg/L	0.42	**0.000681**	**0.00064**	**0.00114**	**0.000699**	**0.000717**	**0.000207**	**0.00243**	**0.0002 H**
Acenaphthylene	mg/L	-	**0.00242**	**0.00245**	**0.00419**	**0.00275**	**0.00276**	**0.00093**	**0.00427**	**0.00091 H**
Anthracene	mg/L	2.1	**0.00023 J**	< 0.0003	**0.00025 J**	< 0.0003	< 0.0003	< 0.0003 S	< 0.0003	< 0.0003 H
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0019 BJ**	**0.00277**	**0.0029**	**0.0018 J**	**0.0015 J**	< 0.002 S	**0.00314**	< 0.002 H
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01 S	< 0.01	< 0.01 H
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003 S	< 0.0003	< 0.0003 H
Fluorene	mg/L	0.28	**0.00178**	**0.00175**	**0.0029**	**0.00188**	**0.00184**	**0.000851**	< 0.0002	0.00061 H
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 S	< 0.0002	< 0.0002 H
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01 H
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	**0.0128 H**
Naphthalene	mg/L	0.14	**0.129**	**0.0873**	**0.329 S**	**0.114**	**0.133**	**0.0112 S**	**0.0004 J**	< 0.01 H
Phenanthrene	mg/L	-	**0.000785**	**0.000776**	**0.00143**	**0.00109**	**0.00103**	< 0.0006 S	< 0.0006	< 0.0006 H
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 S	< 0.0002	< 0.0002 H
Benzene	µg/L	5.0	**11.2**	**13.3**	**24.6**	**8.58**	**11**	**2.46 S**	< 0.5	**5.6**
Bromoform	µg/L	1.0	< 2	< 2	< 20	< 2	< 2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	**13.2**	**15.9**	**27.7**	**9.77**	**15**	**0.4 JS**	< 1	**3.95**
m,p-Xylenes	µg/L	-	**3.16**	**3.42**	**31.9**	**1.57**	**2.01**	**0.32 JS**	< 1	**2.5**
Methylene chloride	µg/L	5.0	< 2	< 2	< 20	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	**224**	**161**	**375**	**143**	**192**	**13.3**	**0.54 J**	**37.8**
o-Xylene	µg/L	-	**13.8**	**12.5**	**40.2**	**8.35**	**11**	**1.51 S**	< 1	**6.58**
Toluene	µg/L	1000	**2** J	**1.1** J	**9.3 J**	**0.74 J**	**1 J**	**0.14 JS**	< 2	**0.9 J**
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 20	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	**17**	**15.9**	**72.1**	**9.92**	**13**	**1.8 JS**	< 2	**9.08**

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

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

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

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

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

GW-04 Analyte	Unit	Remediation Objective (RO)	Result 2/15/2017	Result 5/16/2017	Result 8/17/2017	Result 11/22/2017	Result 2/15/2018	Result 5/8/2018	Result 8/14/2018	Result 11/7/2018
Acenaphthene	mg/L	0.42	0.0054 J	0.0045 J	0.00789	0.00727	0.00737	0.0077	0.0139	0.0109
Acenaphthylene	mg/L	-	0.0053 J	0.0037 J	0.00633	0.00302	0.00178	0.00337	0.00913	0.0047
Anthracene	mg/L	2.1	0.0016 J	0.001 J	0.0013 J	0.000558	0.000714	0.000411	0.00108	< 0.0025
Benzo(a)anthracene	mg/L	0.00013	0.00017	0.000121	0.000164	0.00017	0.00022	0.000117	0.00018	< 0.0025
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0025
Benzo(b)fluoranthene	mg/L	0.00018	0.00012	< 0.0001	0.00011	0.000168	0.000215	0.000106	0.000162	< 0.0025
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.0001	0.000071 J	< 0.0001	0.000052 J	< 0.0025
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00006 J	< 0.0001	< 0.0001	< 0.0025
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	< 0.002	0.0017 J	< 0.006	< 0.002	< 0.002	< 0.002	< 0.05
Chrysene	mg/L	0.0015	0.00028	0.000207	0.000288	0.000515	0.000732	0.000384	0.000554	< 0.0025
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0025
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	---	---	---
Fluoranthene	mg/L	0.28	0.00237	0.0018 J	0.00404	0.00385	0.00305	0.00337	0.00392	< 0.005
Fluorene	mg/L	0.28	0.0447	0.0294	0.0513	0.039	0.0466	0.0374	0.0644	0.0505
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	0.000106	0.00008 J	< 0.0001	0.000084 J	< 0.0025
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	0.0313	0.0198	0.0453	0.0398	0.0247	0.0355	0.0513	0.0447
Pyrene	mg/L	0.21	0.0012 J	0.00084 J	0.0021 J	0.00181	0.00156	0.00168	0.00187	< 0.005
Benzene	µg/L	5.0	1680	1750	599	565	355	979	630	958
Bromoform	µg/L	1.0	< 100	< 100	< 100	< 100	< 20	< 20	< 40	< 200
Ethylbenzene	µg/L	700	200	260	145	128	70.9	103	132	182
m,p-Xylenes	µg/L	-	200 J	170 J	140 J	102	64.8	110	146	173
Methylene chloride	µg/L	5.0	< 10	< 10	< 10	50.5	< 5	< 20	< 40	< 200
Naphthalene	µg/L	140	1960	2120	2220	1790	1440	2670 E	3970	3680
o-Xylene	µg/L	-	169	183	131	104	59.7	94.5	132	151
Toluene	µg/L	1000	553	316	284	264	140	316	267	297
trans-1,2-Dichloroethene	µg/L	100	< 250	< 250	< 250	< 100	< 20	< 20	< 40	< 200
Xylenes, Total	µg/L	10000	368	352	276	206	124	205	278	324

Notes:
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Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
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mg/L = milligrams per liter
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Attachment B
Summary of Analytical Results
2015 - September 2023
Ameren Taylorville, IL MGP Site

GW-04 Analyte	Unit	Remediation Objective (RO)	Result (DUP) 11/7/2018	Result 2/20/2019	Result 5/8/2019	Result 8/14/2019	Result (DUP) 8/14/2019	Result 11/13/2019	Result (DUP) 11/13/2019	Result 2/18/2020
Acenaphthene	mg/L	0.42	0.0108	0.0252	0.0165	0.0161	0.0148	0.0251	0.0226	0.0133
Acenaphthylene	mg/L	-	0.00445	0.0073 J	0.00597	0.0049	0.00482	0.00739	0.0056 J	0.00336
Anthracene	mg/L	2.1	0.0018 J	0.00106	0.000475	0.000814	0.00071	0.00173	0.00146	0.000775
Benzo(a)anthracene	mg/L	0.00013	< 0.0025	0.000147	0.000108	0.000185	0.00013	0.00028	0.000302	0.000102
Benzo(a)pyrene	mg/L	0.0002	< 0.0025	< 0.0001	< 0.0001	0.000085 J	< 0.0001	< 0.01	0.000061 J	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0025	0.000164	0.000087 J	0.000191	0.00013	< 0.01	0.000315	0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0025	0.00005 J	< 0.0002	< 0.0002	< 0.0002	< 0.02	0.00017 J	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0025	0.000052 J	< 0.0001	< 0.0001	< 0.0001	< 0.01	0.000093 J	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.05	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0025	0.000419	0.000317	0.000353	0.00032	0.0008	0.000912	0.000284
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0025	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.01	0.000062 J	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	---	---	---	< 0.01	< 0.01	< 0.01	0.002 J	< 0.01
Fluoranthene	mg/L	0.28	< 0.005	0.00308	0.00283	0.00287	0.00278	0.00616	< 0.02	0.00349
Fluorene	mg/L	0.28	0.0507	0.0837	0.0519	0.0495	0.0434	0.0857	0.0788	0.0464
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0025	< 0.0001	< 0.0001	0.000178	0.0001	< 0.01	0.000166	0.000092 J
m,p-Cresol	mg/L	-	---	---	---	< 1	< 1	< 0.01	< 1	< 1
o-Cresol	mg/L	0.35	---	---	---	< 1	< 1	< 0.01	< 1	< 1
Naphthalene	mg/L	0.14	---	---	1.14	1.59	3.23	2.53	2.99	1.37
Phenanthrene	mg/L	-	0.045	0.0734	0.0406	0.0406	< 0.04	0.079	0.0674	0.0422
Pyrene	mg/L	0.21	< 0.005	0.0014 B	0.00128	0.0014	0.0013	0.00261	0.00308	0.00161
Benzene	µg/L	5.0	871	1300	753	590	618	495	506	535 S
Bromoform	µg/L	1.0	< 200	< 2	< 2	< 40	< 40	< 2	< 2	< 2
Ethylbenzene	µg/L	700	177	223	203	187	195	190	187	173
m,p-Xylenes	µg/L	-	155	276	247	149	156	156	157	159
Methylene chloride	µg/L	5.0	< 200	< 2	< 2	< 40	< 40	< 2	< 2	< 2
Naphthalene	µg/L	140	3690	4580	4190	3740	4050	3710	3790	3570
o-Xylene	µg/L	-	139	185	167	121	125	124	130	115
Toluene	µg/L	1000	281	728	537	308	324	244	243	312 S
trans-1,2-Dichloroethene	µg/L	100	< 200	< 2	< 2	< 40	< 40	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	294	461	414	270	281	280	287	274

Notes:
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µg/L = micrograms per liter

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

GW-04 Analyte	Unit	Remediation Objective (RO)	Result 5/13/2020	Result 8/13/2020	Result 11/10/2020	Result 2/24/2021	Result 5/13/2021	Result (DUP) 5/13/2021	Result 8/12/2021
Acenaphthene	mg/L	0.42	0.0212	0.0284	0.0148	0.0175	0.026	0.026	0.022
Acenaphthylene	mg/L	-	< 0.000075	0.00407	0.00144	0.00147	0.00229	0.00303	0.00618
Anthracene	mg/L	2.1	< 0.000226	0.000868	0.000536	0.000792	0.000654	0.00109	0.000745
Benzo(a)anthracene	mg/L	0.00013	0.000086	0.000113	0.000142	0.000133	0.000186	0.000261	0.000158
Benzo(a)pyrene	mg/L	0.0002	< 0.000075	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	0.000059 J	< 0.0001	0.000139	0.000120	0.000229	0.000376	0.000125
Benzo(g,h,i)perylene	mg/L	-	< 0.00015	< 0.0002	0.00005 J	< 0.00020	< 0.00020	0.00019 J	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000075	< 0.0001	< 0.0001	< 0.0001	0.000077 J	0.000124	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.0015 C	< 0.002 C	< 0.002 C	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	0.000235	0.000313	0.000401	0.000334	0.000493	0.000747	0.000491
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000075	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.00752	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	0.00315	0.00366	0.00265	0.0029	0.00334	0.0045	0.00379
Fluorene	mg/L	0.28	0.0694	0.0777	0.0399	0.0607	0.0733	0.0735	0.0689
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000075	0.000073 J	< 0.0001	< 0.0002	< 0.0002	0.00018 J	< 0.0002
m,p-Cresol	mg/L	-	0.0017 J	0.0081 J	0.00075 J	0.0086 J	0.0164	0.022	0.007 J
o-Cresol	mg/L	0.35	< 0.752	0.0161	< 0.0100	0.0123	0.0209	0.0244	0.0095 J
Naphthalene	mg/L	0.14	1.69	1.89	1.50	1.53	1.82	1.86	1.62
Phenanthrene	mg/L	-	0.0537	0.0681	0.0383	0.0576	0.0674	0.0647	0.0562
Pyrene	mg/L	0.21	0.00141	0.00176	0.00143	0.00149	0.00143	0.00219	0.00184
Benzene	µg/L	5.0	739	450	399	632	341	775	652
Bromoform	µg/L	1.0	< 20	< 2	< 2	< 2	< 100	< 20	< 100
Ethylbenzene	µg/L	700	246	200	180	155	104	216	235
m,p-Xylenes	µg/L	-	204	192	168	165	80.5	158	135
Methylene chloride	µg/L	5.0	< 20	< 2	< 2	< 2	< 100	< 20	< 100
Naphthalene	µg/L	140	5560	4700 E	4130	2790	1510	3150	3020
o-Xylene	µg/L	-	154	135	192	140	67	137	108
Toluene	µg/L	1000	579	407	125	208	184	409	256
trans-1,2-Dichloroethene	µg/L	100	< 20	< 2	< 2	< 2	< 100	< 20	< 100
Xylenes, Total	µg/L	10000	358	327	359	304	148	295	243

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

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

Notes:
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.
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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 2023
Ameren Taylorville, IL MGP Site

GW-04 Analyte	Unit	Remediation Objective (RO)	Result 9/8/2022	Result 11/30/2022	Result 2/15/2023	Result - DUP-003 2/15/2023	Result 5/18/2023	Result - DUP 5/18/2023	Result 9/13/2023	Result - DUP 9/13/2023
Acenaphthene	mg/L	0.42	0.0404	0.00135	0.0348	0.0334	0.0190 H	0.0241 H	0.0290	0.0299
Acenaphthylene	mg/L	-	0.00446	0.00447	0.00218	0.00195	0.000868 H	0.00117 H	0.00144	0.00154
Anthracene	mg/L	2.1	0.000749	0.00241	0.00093	0.00062	0.000346 H	0.000476 H	0.000854	0.000802
Benzo(a)anthracene	mg/L	0.00013	0.00009 J	0.00194	0.00015	0.00011	< 0.0001 H	0.000072 JH	0.000096 J	0.000078 J
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	0.00017 J	< 0.0002	< 0.0002	< 0.0002 H	< 0.0002 H	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	0.00252	0.0001	0.00007 J	< 0.0001 H	< 0.0001 H	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	0.000544	< 0.0002	< 0.0002	< 0.0002 H	< 0.0002 H	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	0.000697	< 0.0001	< 0.0001	< 0.0001 H	< 0.0001 H	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	0.002 J	< 0.002	< 0.002	< 0.002 H	< 0.002 H	< 0.002	< 0.002
Chrysene	mg/L	0.0015	0.000241	0.00674	0.00051	0.00039	0.00021 H	0.00017 H	0.000209	0.000187
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	0.000256	< 0.0002	< 0.0002	< 0.0002 H	< 0.0002 H	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01 H	< 0.01 H	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	0.00414	0.021	0.00489	0.00457	0.00257 H	0.00276 H	0.00460	0.00444
Fluorene	mg/L	0.28	0.0853	0.0841	0.08	0.0801	0.0397 H	0.0537 H	0.0616	0.0538
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	0.000588	< 0.0002	< 0.0002	< 0.0002 H	< 0.0002 H	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01 H	< 0.01 H	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0004 H	0.398 H	0.410	0.446
Naphthalene	mg/L	0.14	2.8	1.5	1.83	1.86	0.00090 JH	0.00098 JH	< 0.01	< 0.01
Phenanthrene	mg/L	-	0.0799	0.142	0.0722	0.0735	0.0148 H	0.0461 H	0.0694	< 0.15
Pyrene	mg/L	0.21	0.00176	0.0124	0.00208	0.00203	0.000948 H	0.00102 H	0.00225	0.00227
Benzene	µg/L	5.0	670	895	609	612	341	364	235	241
Bromoform	µg/L	1.0	< 20	< 2	< 10	< 0.2	< 2	< 10	< 2	< 2
Ethylbenzene	µg/L	700	249	304	250	250	186	184	144	144
m,p-Xylenes	µg/L	-	112	56.6	63.5	64.5	39.3	48 J	19.1	20.8
Methylene chloride	µg/L	5.0	< 20	< 20	< 100	< 2	38.3	< 100	< 20	10 J
Naphthalene	µg/L	140	3540	2340	2380	2490	1580	1480	814	740
o-Xylene	µg/L	-	157	187	136	148	93.4	100	80.3	82.1
Toluene	µg/L	1000	104	100	72 J	70.8	30.5	42 J	14 J	15 J
trans-1,2-Dichloroethene	µg/L	100	< 20	< 20	< 100	< 2	< 20	< 100	< 20.0	< 20
Xylenes, Total	µg/L	10000	269	243	199	213	133	148	99.4	103

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

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

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

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

GW-05 Analyte	Unit	Remediation Objective (RO)	Result (DUP) 11/4/2015	Result 2/18/2016	Result 5/26/2016	Result 8/18/2016	Result (DUP) 8/18/2016	Result 11/16/2016
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066 S	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00558**	**0.00351**	---	---	---	---
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033 S	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021 S	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.0001	< 0.0001	---	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064 S	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027 S	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2 B	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	**6.55**	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4

Notes:
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
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 2023
Ameren Taylorville, IL MGP Site

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

Notes:
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
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 2023
Ameren Taylorville, IL MGP Site

GW-05 Analyte	Unit	Remediation Objective (RO)	Result 5/9/2018	Result 8/13/2018	Result 11/7/2018	Result 2/20/2019	Result 5/7/2019	Result 8/14/2019	Result 11/14/2019
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	**0.00008 J**	< 0.0001	**0.000051 J**	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	**0.000094 J**	< 0.0001	**0.000197**	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	**0.000079 J**	< 0.0001	**0.000097 J**	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	**0.000066 J**	< 0.0001	**0.000206**	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	**0.000045 J**	< 0.0001	**0.000084 J**	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0122**	**0.00256**	**0.00287**	**0.0049**	**0.0103**	**0.00671**	**0.0089**
Chrysene	mg/L	0.0015	< 0.0001	**0.000062 J**	< 0.0001	**0.000268**	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	---	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	**0.000204**	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	**0.000141**	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	**0.000088 J**	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	---	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	< 0.0002	**0.00021**	**0.0004**
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0001	< 0.0001	< 0.0002	**0.00017 BJ**	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	**0.41 J**	< 0.5	< 0.5	**0.22 J**
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	**0.31 J**	< 1	< 1	**0.2 J**
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	**0.35 J**	< 1	< 1	**0.19 J**
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	**0.81 J**	< 2	**35.9**	< 2	**0.49 J**	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	**0.23 J**	< 1	< 1	**0.13 J**
Toluene	µg/L	1000	< 2	< 2	< 2	**0.4 J**	< 2	< 2	**0.17 J**
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 1	< 1	< 1	**0.58 J**	< 2	< 2	**0.32 J**

Notes:
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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
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Ameren Taylorville, IL MGP Site

GW-05 Analyte	Unit	Remediation Objective (RO)	Result 2/20/2020	Result 5/12/2020	Result 8/13/2020	Result (DUP) 8/13/2020	Result 11/11/2020	Result 2/24/2021	Result 5/11/2021
Acenaphthene	mg/L	0.42	**0.000056 J**	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.000233	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.000155	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	**0.0101**	**0.00227 C**	**0.00286 C**	**0.00845 S**	**0.0087**	**0.00374**
Chrysene	mg/L	0.0015	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.00775	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.000233	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	0.000158	< 0.000155	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.00775	< 0.01	< 0.01	< 0.01 R	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.00775	< 0.01	< 0.01	< 0.0100 SR	< 0.01	< 0.01
Naphthalene	mg/L	0.14	**0.00366**	**0.00103**	< 0.0004	< 0.0004	**0.00159 S**	**0.00111**	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.000465	< 0.0006	< 0.0006	< 0.0006	**0.000838**	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.000155	< 0.0002	< 0.0002	< 0.0002	**0.000221**	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.18 J**	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	**0.25 J**	**0.22 J**	< 1
m,p-Xylenes	µg/L	-	**0.18 J**	< 1	< 1	< 1	**0.29 J**	**0.2 J**	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	**46.6**	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	**0.11 J**	< 1	< 1	< 1	**0.17 JS**	**0.14 J**	< 1
Toluene	µg/L	1000	**0.17 J**	< 2	< 2	< 2	< 2	**0.12 J**	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	**0.29 J**	< 2	< 2	< 2	**0.46 J**	**0.34 J**	< 2

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

Attachment B
Summary of Analytical Results
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Ameren Taylorville, IL MGP Site

GW-05 Analyte	Unit	Remediation Objective (RO)	Result 8/12/2021	Result 11/9/2021	Result 2/15/2022	Result 5/10/2022	Result 9/7/2022	Result 11/29/2022	Result 2/13/2023	Result 5/16/2023	Result - DUP 5/16/2023
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	**0.000075 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00627**	**0.00213 B**	< 0.0002	< 0.0002	**0.0017 J**	< 0.002	< 0.002	< 0.002	**0.00262**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	**0.00194**	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	**1.21**	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	**0.99 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2 H	< 2	**1 J**	< 1	**1 J**	**0.49 BJ**	< 2	< 2
o-Xylene	µg/L	-	< 1	**0.74 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	**0.3 J**	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	**1.7 J**	< 2	< 2	< 2	< 2	< 2	< 2	< 2

Notes:
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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 2023
Ameren Taylorville, IL MGP Site

GW-05 Analyte	Unit	Remediation Objective (RO)	Result 9/13/2023		Result - DUP 9/13/2023		
Acenaphthene	mg/L	0.42	<	0.0001	<	0.0001	
Acenaphthylene	mg/L	-	<	0.0001	<	0.0001	
Anthracene	mg/L	2.1	<	0.0003	<	0.0003	
Benzo(a)anthracene	mg/L	0.00013	<	0.0001	<	0.0001	
Benzo(a)pyrene	mg/L	0.0002	<	0.0002	<	0.0002	
Benzo(b)fluoranthene	mg/L	0.00018	<	0.0001	<	0.0001	
Benzo(g,h,i)perylene	mg/L	-	<	0.0002	<	0.0002	
Benzo(k)fluoranthene	mg/L	0.00017	<	0.0001	<	0.0001	
Bis(2-ethylhexyl)phthalate	mg/L	0.006	<	0.002	<	0.002	
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		**0.00066**	<	0.0004	
Naphthalene	mg/L	0.14	<	0.01	<	0.01	
Phenanthrene	mg/L	-	<	0.0006	<	0.0006	
Pyrene	mg/L	0.21	<	0.0002	<	0.0002	
Benzene	µg/L	5.0	<	0.5	<	0.5	
Bromoform	µg/L	1.0	<	0.2	<	0.2	
Ethylbenzene	µg/L	700	<	1		**0.31**	**J**
m,p-Xylenes	µg/L	-	<	1	<	1	
Methylene chloride	µg/L	5.0	<	2	<	2	
Naphthalene	µg/L	140		**1.4**	**J**	**11**	
o-Xylene	µg/L	-	<	1		**0.2**	**J**
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
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 2023
Ameren Taylorville, IL MGP Site

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

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
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Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = 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 2023
Ameren Taylorville, IL MGP Site

GW-07 Analyte	Unit	Remediation Objective (RO)	Result 8/17/2016	Result 11/15/2016	Result 2/15/2017	Result 5/16/2017	Result 8/17/2017	Result 11/21/2017	Result 2/14/2018	Result 5/8/2018
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	**0.00013 J**	< 0.0001	**0.000144**	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	**0.00011 J**	**0.00019 J**	**0.00019 J**	**0.000229**	**0.00034**	**0.000244**
Anthracene	mg/L	2.1	< 0.0066	**0.00063 J**	**0.00078 J**	**0.00091 J**	**0.0012 J**	**0.00179**	**0.00308**	**0.00198**
Benzo(a)anthracene	mg/L	0.00013	**0.00007 J**	**0.00015**	**0.00019**	**0.0002**	**0.000188**	**0.000192**	**0.000301**	**0.000203**
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.0001
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	---	---	**0.015**	**0.0149**	< 0.006	**0.00692**	**0.00796**
Chrysene	mg/L	0.0015	< 0.0001	**0.00008 J**	**0.0001**	**0.000148**	**0.000159**	**0.000144**	**0.000222**	**0.000133**
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---	---	---
Fluoranthene	mg/L	0.28	< 0.0021	**0.00075 J**	**0.001 J**	**0.0013 J**	**0.0016 J**	**0.00199**	0.0032	**0.00228**
Fluorene	mg/L	0.28	< 0.0021	**0.0002 J**	**0.0002 J**	**0.00036 J**	**0.00033 J**	**0.000376**	**0.000595**	**0.000427**
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	**0.000233**	**0.000096 J**	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	**0.0011 J**	**0.0014 J**	**0.0018 J**	**0.0021 J**	**0.00259**	**0.00466**	**0.00336**
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.5	< 0.5	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 1	< 1	< 1

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

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

GW-07 Analyte	Unit	Remediation Objective (RO)	Result 8/13/2018	Result 11/6/2018	Result 2/18/2019	Result 5/8/2019	Result 8/13/2019	Result (Dup) 8/13/2019	Result 11/13/2019	Result 2/18/2020
Acenaphthene	mg/L	0.42	**0.000137**	**0.000149**	**0.000111**	**0.00014**	**0.000078 J**	**0.000086 J**	**0.000099 J**	**0.000077 J**
Acenaphthylene	mg/L	-	**0.000282**	**0.00027**	**0.000266**	**0.00025**	**0.000142**	**0.000135**	**0.000186**	**0.000116**
Anthracene	mg/L	2.1	**0.00215**	**0.00164**	**0.00218**	**0.00186**	**0.00106**	**0.00101**	**0.000964 R**	**0.000877**
Benzo(a)anthracene	mg/L	0.00013	**0.000195**	**0.000224**	**0.0002**	**0.00023**	**0.000213**	**0.000189**	**0.000221**	**0.000164**
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0005	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0005 R	**0.000057 J**
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.001 R	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0005	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0131**	**0.00353**	**0.00667**	**0.0019 J**	**0.00364 S**	**0.0048**	< 0.005 S	**0.011**
Chrysene	mg/L	0.0015	**0.000153**	**0.000135**	**0.000147**	**0.00015**	**0.000121**	**0.000145**	**0.000184**	**0.000116**
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0005	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	**0.00258**	---	---	---	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	**0.00039**	**0.00204**	**0.0022**	**0.00214**	**0.00142**	**0.00137**	**0.00126**	**0.00113**
Fluorene	mg/L	0.28	< 0.0001	**0.000353**	**0.000397**	**0.00046**	**0.000249**	**0.000255**	**0.000284**	**0.000235**
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0005 SR	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	---	---	< 0.0002	< 0.0002	< 0.0002	< 0.0002	**0.00019 J**
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	**0.00371**	**0.00281**	**0.00297 B**	**0.00312**	**0.00199**	**0.00194**	**0.00012 JSR**	**0.0016**
Benzene	µg/L	5.0	< 0.5	< 0.5	**0.12 J**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	**6.88**	< 2 B	< 2	< 2	< 2	**6.07**
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	**0.12 J**	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 1	< 1	< 1	< 2	< 2	< 2	< 2	< 2

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All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter
H=Laboratory hold times exceeded. GW-05 and GW-07 reanalyzed for Napthalene at ERM request after laboratory instrument carryover suspected from GW-04R sample.

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

GW-07 Analyte	Unit	Remediation Objective (RO)	Result 5/12/2020	Result 8/13/2020	Result 11/10/2020	Result 2/23/2021	Result 5/12/2021	Result 8/12/2021	Result 11/9/2021
Acenaphthene	mg/L	0.42	**0.000063 J**	**7.1E-05 J**	**7.6E-05 J**	**7.6E-05 J**	**0.00012**	**7.9E-05 J**	**0.000136**
Acenaphthylene	mg/L	-	**0.000098**	**0.00011**	**0.00014**	**0.00017**	**0.00012**	**0.00014**	**0.000186**
Anthracene	mg/L	2.1	**0.00069**	**0.00077**	**0.0012**	**0.00144**	**0.00119**	**0.00124**	**0.00146**
Benzo(a)anthracene	mg/L	0.00013	**0.000141**	**0.00017**	**0.00016**	**0.00012**	**0.00016**	**0.00019**	**0.000235**
Benzo(a)pyrene	mg/L	0.0002	< 0.000072	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.000144	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0022 C**	**0.00202 C**	**0.00655**	**0.00975**	**0.00732**	**0.00233**	**0.00403 S**
Chrysene	mg/L	0.0015	**0.000101**	**0.00014**	**0.00011**	**8.2E-05** J	**0.0001**	**0.00012**	**0.00017**
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000072	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.00719	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	**0.000996**	**0.00095**	**0.00119**	**0.00131**	**0.00136**	**0.00146**	**0.00164**
Fluorene	mg/L	0.28	**0.000165**	**0.00021**	**0.00028**	**0.0003**	**0.00034**	**0.00031**	**0.00039**
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000072	**7.6E-05 J**	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.00719	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.00719	< 0.01	< 0.01	< 0.01	< 0.01	**0.01**	< 0.01
Naphthalene	mg/L	0.14	< 0.000288	< 0.0004	< 0.0004	< 0.0004	**0.00329**	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.000432	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	**0.00152**	**0.0014**	**0.00185**	**0.00197**	**0.00227**	**0.00233**	**0.0026**
Benzene	µg/L	5.0	< 0.5	**0.51**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	**0.12 J**	< 1	< 1	< 1	**0.32 J**
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	**0.54 J**
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	**0.64 J**	**1.4 J**	< 2	**1.4 J**	< 2	< 2 H
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	**0.21 J**
Toluene	µg/L	1000	< 2	**0.1 J**	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	**0.75 J**

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Remediation Objective (RO) = 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 2023
Ameren Taylorville, IL MGP Site

GW-07 Analyte	Unit	Remediation Objective (RO)	Result 2/16/2022	Result 5/11/2022	Result 9/7/2022	Result 11/29/2022	Result 2/15/2023	Result 5/17/2023	Result 9/13/2023
Acenaphthene	mg/L	0.42	**0.000183**	**0.000145**	**0.000118**	**0.00012**	**0.00018**	**0.00012 H**	**0.00016**
Acenaphthylene	mg/L	-	**0.000251**	**0.000149**	**0.00017**	**0.000179**	**0.0002**	**0.00014 H**	**0.00019**
Anthracene	mg/L	2.1	**0.00144**	**0.00153**	**0.00162**	**0.00144**	**0.00148**	**0.00115 H**	**0.00179**
Benzo(a)anthracene	mg/L	0.00013	**0.000185**	**0.000182**	**0.000212**	**0.000201**	**0.0002**	**0.00018 H**	**0.00024**
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00290**	**0.00471**	**0.0015 J**	**0.00578**	**0.00331**	**0.0148 H**	**0.00395**
Chrysene	mg/L	0.0015	**0.000177**	**0.000163**	**0.000164**	**0.000157**	**0.00014**	**0.00015 H**	**0.00019**
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01 H	< 0.01
Fluoranthene	mg/L	0.28	**0.00147**	**0.00169**	**0.00154**	**0.00154**	**0.00127**	**0.00106 H**	**0.00141**
Fluorene	mg/L	0.28	**0.000516**	**0.000368**	**0.000331**	**0.000366**	**0.0004**	**0.00033 H**	**0.00041**
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01 H	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0004 H	< 0.0004
Naphthalene	mg/L	0.14	**0.00269**	< 0.0004	< 0.0004	< 0.0004	**0.00283 S**	< 0.01 H	< 0.01
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006 H	< 0.0006
Pyrene	mg/L	0.21	**0.0025**	**0.0030**	**0.0028**	**0.00281**	**0.0026**	**0.00157 H**	**0.00238**
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5 S	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 0.2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1 S	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	**0.7 J**	**0.36 BJ**	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1 S	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2 S	< 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 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
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 2023
Ameren Taylorville, IL MGP Site

GW-9S Analyte	Unit	Remediation Objective (RO)	Result 5/14/2015	Result 5/24/2016	Result 5/17/2017	Result 5/9/2018	Result 5/6/2019	Result 5/12/2020	Result 5/12/2021	Result 5/10/2022	Result 5/17/2023
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001 H
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001 H
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000233	< 0.0003	< 0.0003	< 0.0003 H
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001 H
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0002	< 0.0002	< 0.0002 H
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001 H
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0002	< 0.000155	< 0.0002	< 0.0002	< 0.0002 H
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001 H
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	---	< 0.002	< 0.002	< 0.002	< 0.00155 C	< 0.002	**0.0016 J**	< 0.002 H
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001 H
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0002	< 0.0002	< 0.0002 H
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	< 0.00775	< 0.01	< 0.01	< 0.01 H
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000233	< 0.0003	< 0.0003	< 0.0003 H
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000155	< 0.0002	< 0.0002	< 0.0002 H
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0002	< 0.0002	< 0.0002 H
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	< 0.00775	< 0.01	< 0.01	< 0.01 H
o-Cresol	mg/L	0.35	< 0.0001	---	---	---	---	< 0.00775	< 0.01	< 0.01	< 0.0004 H
Naphthalene	mg/L	0.14	---	---	---	---	< 0.0002	< 0.00031	**0.00273**	< 0.0004	< 0.01 H
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 2	< 0.0004	< 0.0004	< 0.000465	< 0.0006	< 0.0006	< 0.0006 H
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 2	< 0.0001	< 0.0002	< 0.000155	< 0.0002	< 0.0002 B	< 0.0002 H
Benzene	µg/L	5.0	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	**0.21 J**	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 4	< 2	< 2	< 2	< 2	< 2	< 0.2
Ethylbenzene	µg/L	700	< 2	< 2	< 0.2	< 1	< 1	< 1	**0.33 J**	**0.11 J**	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 0.6	< 1	< 1	< 1	**0.27 J**	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	**0.85 B**	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 2	< 2 B	< 2	< 2	**37.8**	**1.4 J**	< 2
o-Xylene	µg/L	-	< 2	< 2	< 5	< 1	< 1	< 1	**0.2 J**	**0.1 J**	< 1
Toluene	µg/L	1000	< 2	< 2	< 4	< 2	< 2	< 2	**0.32 J**	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 1 B	< 2	< 2	**0.47 J**	< 2	< 2

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

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

GW-9D Analyte	Unit	Remediation Objective (RO)	Result 5/14/2015	Result 5/24/2016	Result 5/17/2017	Result 5/9/2018	Result 5/6/2019	Result 5/12/2020	Result 5/12/2021	Result (DUP) 5/12/2021	Result 5/10/2022	Result 5/17/2023
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000216	< 0.0003	< 0.0003	< 0.0003	< 0.0003 H
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0002	< 0.000144	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	---	**0.00291**	< 0.002	< 0.002	< 0.00144 C	< 0.002	< 0.002	< 0.002	< 0.002 H
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	< 0.00719	< 0.01	< 0.01	< 0.01	< 0.01 H
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000216	< 0.0003	< 0.0003	< 0.0003	< 0.0003 H
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000144	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	< 0.00719	< 0.01	< 0.01	< 0.01	< 0.01 H
o-Cresol	mg/L	0.35	< 0.0001	---	---	---	---	< 0.00719	< 0.01	< 0.01	< 0.01	< 0.0004 H
Naphthalene	mg/L	0.14	---	---	---	---	< 0.0002	< 0.000288	< 0.0004	< 0.0004	< 0.0004	< 0.01 H
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.000432	< 0.0006	< 0.0006	< 0.0006	< 0.0006 H
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002	< 0.000144	< 0.0002	< 0.0002	< 0.0002 B	< 0.0002 H
Benzene	µg/L	5.0	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 0.2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	**0.21 B**	< 0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 2 B	< 2	< 2	**5.2**	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 2	< 2	< 2	< 2	< 2	< 2

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

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

GW-12 Analyte	Unit	Remediation Objective (RO)	Result 5/13/2015	Result 5/26/2016	Result 5/17/2017	Result 5/10/2018	Result 5/6/2019	Result 5/12/2020	Result 5/12/2021	Result 5/11/2022	Result 5/17/2023
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001 H
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001 H
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000233	< 0.0003	< 0.0003	< 0.0003 H
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000055 J**	< 0.000078	< 0.0001	< 0.0001	< 0.0001 H
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0002	< 0.0002	< 0.0002 H
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000056 J**	< 0.000078	**0.000106**	< 0.0001	< 0.0001 H
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	**0.000043 J**	< 0.0002	< 0.000155	**0.000203**	< 0.0002	< 0.0002 H
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	**0.000056 J**	< 0.0001	< 0.0001 H
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	---	< 0.002	< 0.002	< 0.002	< 0.00155 C	< 0.002	< 0.002	**0.0017 JH**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000044 J**	< 0.000078	**0.000056 J**	< 0.0001	< 0.0001 H
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0002	< 0.0002	< 0.0002 H
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	< 0.00775	< 0.01	< 0.01	< 0.01 H
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000233	< 0.0003	< 0.0003	< 0.0003 H
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000155	< 0.0002	< 0.0002	< 0.0002 H
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0002	< 0.0002	< 0.0002 H
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	< 0.00775	< 0.01	< 0.01	**0.00097 JH**
o-Cresol	mg/L	0.35	< 0.0001	---	---	---	---	< 0.00775	< 0.01	< 0.0004	< 0.0004 H
Naphthalene	mg/L	0.14	---	---	---	---	< 0.0002	< 0.00031	< 0.0004	< 0.01	< 0.01 H
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.000465	< 0.0006	< 0.0006	< 0.0006 H
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002	< 0.000155	< 0.0002	< 0.0002	< 0.0002 H
Benzene	µg/L	5.0	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 0.2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2 B	< 0.2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 2 B	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	**0.25 J**	< 2	**0.18 J**	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 1 B	< 2	< 2	< 2	< 2	< 2

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

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

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

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

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

GW-13D Analyte	Unit	Remediation Objective (RO)	Result 5/14/2015	Result (DUP) 5/14/2015	Result 5/26/2016	Result 5/18/2017	Result 5/9/2018	Result 5/6/2019	Result 5/13/2020	Result 5/13/2021	Result 5/11/2022	Result 5/17/2023
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000076	< 0.0001	< 0.0001	< 0.0001 H
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000076	< 0.0001	< 0.0001	< 0.0001 H
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000229	< 0.0003	< 0.0003	< 0.0003 H
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	**0.00011**	< 0.0001	< 0.0001	< 0.0001	< 0.000076	**0.00007 J**	< 0.0001	< 0.0001 H
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	**0.00024**	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0002	< 0.0002	< 0.0002 H
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	**0.00035**	< 0.0001	< 0.0001	< 0.0001	< 0.000076	**0.000102**	< 0.0001	< 0.0001 H
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	**0.00061 J**	< 0.00076	< 0.0001	< 0.0002	< 0.000153	**0.00024**	< 0.0002	< 0.0002 H
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	**0.00029**	< 0.0001	< 0.0001	< 0.0001	< 0.000076	**0.000167**	< 0.0001	< 0.0001 H
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	---	< 0.002	< 0.002	< 0.002	< 0.00153 C	< 0.002	< 0.002	**0.0016 JH**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000076	**0.000104**	< 0.0001	< 0.0001 H
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	**0.0006**	< 0.0001	< 0.0001	< 0.0001	< 0.000076	**0.000244**	< 0.0002	< 0.0002 H
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	**0.0033**	---	---	< 0.00763	< 0.01	< 0.01	< 0.01 H
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000229	< 0.0003	< 0.0003	< 0.0003 H
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000153	< 0.0002	< 0.0002	< 0.0002 H
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	**0.00059**	< 0.0001	< 0.0001	< 0.0001	< 0.000076	**0.000235**	< 0.0002	< 0.0002 H
m,p-Cresol	mg/L	-	< 0.0001	< 0.0001	---	---	---	---	< 0.00763	< 0.01	< 0.01	< 0.01 H
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	---	---	---	---	< 0.00763	< 0.01	< 0.01	< 0.0004 H
Naphthalene	mg/L	0.14	---	---	---	---	---	< 0.0002	< 0.000305	< 0.0004	< 0.0004	< 0.01 H
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.000458	< 0.0006	< 0.0006	< 0.0006 H
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002	< 0.000153	< 0.0002	< 0.0002	< 0.0002 H
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 0.2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	**0.25**	**0.22**	< 0.2 B	< 0.2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 2 B	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 1 B	< 2	< 2	< 2	< 2	< 2

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

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

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

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

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

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

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

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

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

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

Notes:
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

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

GW-14 Analyte	Unit	Remediation Objective (RO)	Result 11/29/2022	Result 2/14/2023	Result 5/17/2023	Result 9/13/2023
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	**0.00304**	< 0.002	**0.00309**	**0.00493**
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	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	**0.11 J**	< 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	**0.62 J**	< 2 B	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2

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

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

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

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

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

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

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

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

GW-15 Analyte	Unit	Remediation Objective (RO)	Result (DUP) 5/8/2018	Result 8/14/2018	Result 11/7/2018	Result 2/20/2019	Result 5/8/2019	Result 8/14/2019	Result 11/14/2019	Result 2/20/2020
Acenaphthene	mg/L	0.42	**0.000053 J**	< 0.0001	< 0.0001 S	**0.000055 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	**0.000063 J**	< 0.0001	**0.000063 JS**	**0.000069 J**	< 0.0001	< 0.0001	< 0.0001	**0.000058 J**
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< **0.0001 S**	**0.000052 J**	< 0.0001	< 0.0001	< 0.0001	**0.000061 J**
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001 S	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000078 J**
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001 S	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000082 J**
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0109**	**0.00274 SR**	**0.0039**	**0.00327**	**0.014**	**0.00331**	**0.00802**	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	---	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	**0.00015 J**	< 0.0002 S	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	**0.000101**	< 0.0001	< 0.0001 S	**0.0001 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001 R	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000085 J**
m,p-Cresol	mg/L	-	---	---	---	---	---	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	---	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004 S	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0001	**0.000143**	< 0.0002 S	**0.00011 BJ**	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2 B	< 2	< 2	**1.7 J**	< 2	< 2	**1.6 J**	**1.7 J**
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 1 B	< 1	< 1	< 1	< 2	< 2	< 2	< 2

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

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

GW-15 Analyte	Unit	Remediation Objective (RO)	Result 5/13/2020	Result 8/13/2020	Result 11/10/2020	Result 2/23/2021	Result 5/13/2021	Result 8/12/2021	Result 11/9/2021
Acenaphthene	mg/L	0.42	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.000074	< 0.0001	**0.000081 J**	< 0.0001	0.000063 J	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.000222	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.000074	< 0.0001	**0.000084 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.000074	< 0.0001	**0.000069 J**	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000075 J**	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.000148	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.00148 C	< 0.002 C	< 0.002 C	< 0.002	< 0.002	< 0.002	< 0.002 B
Chrysene	mg/L	0.0015	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000074	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.00741	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.000222	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.000148	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000074	**0.000074 J**	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.00741	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.00741	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.000296	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.000444	< 0.0006	< 0.0006	< 0.0006 R	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.000148	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	**0.16 J**
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	**0.43 J**
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2 B	**1.1 J**	< 2	< 2	**1.6 J**
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	**0.13 J**
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	**0.56 J**

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

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

GW-15 Analyte	Unit	Remediation Objective (RO)	Result 2/17/2022	Result - DUP 2/17/2022	Result 5/11/2022	Result 9/9/2022	Result 11/29/2022	Result 2/15/2023	Result - DUP 2/15/2023	Result 5/18/2023	Result - DUP 5/18/2023	Result 9/13/2023
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000094 J**	< 0.0001	< 0.0001	< 0.0001 H	< 0.0001 H	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	**0.000074 J**	< 0.0001	**0.000077 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H	< 0.0001 H	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003 H	< 0.0003 H	< 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 H	< 0.0001 H	< 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 H	< 0.0002 H	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H	< 0.0001 H	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H	< 0.0002 H	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H	< 0.0001 H	< 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 H	< 0.002 H	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H	< 0.0001 H	< 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 H	< 0.0002 H	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01 H	< 0.01 H	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003 H	< 0.0003 H	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	**0.000287**	< 0.0002	**0.0001 J**	**0.000204 H**	< 0.0002 H	< 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 H	< 0.0002 H	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01 H	< 0.01 H	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0004 H	< 0.0004 H	< 0.0004
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	**0.00366**	**0.00414**	< 0.0004	< 0.0004	< 0.01 H	< 0.01 H	< 0.01
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006 H	< 0.0006 H	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 H	< 0.0002 H	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	**0.55 J**	< 2 B	< 2 B	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	**0.11 J**	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2

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

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

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

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

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

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

GW-16S Analyte	Unit	Remediation Objective (RO)	Result 5/7/2019	Result 8/12/2019	Result 11/11/2019	Result 2/18/2020	Result 5/11/2020	Result 8/12/2020	Result 11/9/2020	Result 2/22/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000227	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0001	< 0.0001	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000152	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0035**	**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 2023
Ameren Taylorville, IL MGP Site

GW-16S Analyte	Unit	Remediation Objective (RO)	Result 5/10/2021	Result 8/10/2021	Result 11/8/2021	Result 2/15/2022	Result 5/9/2022	Result 9/6/2022	Result 11/28/2022	Result 2/13/2023	Result 5/15/2023	Result 9/14/2023
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	**0.000076 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00203**	**0.0068**	**0.0016 J**	**0.0016 J**	**0.0019 J**	**0.0024**	< 0.002	**0.0019 J**	< 0.002	**0.0017 J**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	**0.00057**	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	**0.000992**	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0006	**0.00255**	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	**0.000486**	< 0.0002	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	**0.16 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	**0.49 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	**1.2 J**	< 2	< 2	< 2	**0.52 J**	< 2 B	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	**0.12 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	**0.61 J**	< 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 2023
Ameren Taylorville, IL MGP Site

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

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

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

GW-16D Analyte	Unit	Remediation Objective (RO)	Result 5/24/2016	Result 8/16/2016	Result 11/14/2016	Result 2/14/2017	Result 5/15/2017	Result 8/16/2017	Result 11/20/2017
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	**0.00032 J**	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.0001
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	---	---	---	**0.0138**	**0.0019 J**	< 0.008
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	**0.00021 J**	< 0.0001 B
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	**0.00011 J**	< 0.0064	**0.000124 B**
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	**0.00011 J**	< 0.0001 B
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 1
Methylene chloride	µg/L	5.0	< 0.2 B	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.5
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.1
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	**0.57 J**	**0.44 J**	**0.51 J**	**0.44 J**	**0.67 J**	**0.8 J**	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 1

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

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

GW-16D Analyte	Unit	Remediation Objective (RO)	Result 2/14/2018	Result (DUP) 2/14/2018	Result 5/7/2018	Result 8/14/2018	Result 11/6/2018	Result 2/18/2019	Result 5/7/2019	Result (DUP) 5/7/2019
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00465**	**0.0438**	**0.00939**	**0.0035**	**0.00566**	**0.00573**	< 0.01 S	**0.00421**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	---	---	---	---
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	< 0.0002	< 0.0002
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	**0.23** J	**0.22** J	**0.41** J	**0.56**	**0.71**	**0.71**	**0.77**
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	**0.2** J	< 1
Methylene chloride	µg/L	5.0	< 0.5	**0.22** J	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	**0.81** J	**0.48** J	< 2 B
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	**0.12** J	< 2
trans-1,2-Dichloroethene	µg/L	100	**0.56** J	**0.53** J	< 2	**0.39** J	**0.3** J	< 2	**0.13** J	< 2
Xylenes, Total	µg/L	10000	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2

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

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

GW-16D Analyte	Unit	Remediation Objective (RO)	Result 8/12/2019	Result 11/12/2019	Result 2/18/2020	Result 5/11/2020	Result 8/12/2020	Result 11/9/2020	Result 2/22/2021	Result 5/10/2021	Result 8/10/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.000222	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**7.6E-05 J**
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.000148	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0141**	< 0.002	< 0.002	**0.012 C**	**0.00595 C**	**0.011 C**	**0.005**	**0.002 J**	**0.00206**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.000222	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.000148	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.0002	< 0.000296	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.000444	< 0.0006	< 0.0006	**0.00101**	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.000148	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	**0.3 J**	**0.11 J**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.15 J**
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	**0.79 J**	**0.83 J**	< 2	< 2	< 2 B	**0.34 J**	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2

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

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

GW-16D Analyte	Unit	Remediation Objective (RO)	Result 11/8/2021	Result 2/15/2022	Result 5/9/2022	Result 9/6/2022	Result 11/28/2022	Result 2/13/2023	Result 5/15/2023	Result 9/14/2023
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	**0.0016 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
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	**0.00299**	**0.0017 J**	< 0.002	< 0.002	**0.0017 J**	**0.00241**
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	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 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
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	**0.38 J**	**0.52**	**0.71**	**0.7**	**0.80**	**0.76**
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 0.2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	**0.16 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	**0.52 J**	< 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	**0.92** J	< 2	< 2	< 2	**0.51 J**	< 2 B	< 2	< 2
o-Xylene	µg/L	-	**0.13** J	< 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	**0.13 J**	< 2	**0.1 J**	**0.12 J**	< 2	**0.13 J**	< 2
Xylenes, Total	µg/L	10000	**0.65 J**	< 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 2023
Ameren Taylorville, IL MGP Site

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

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

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

GW-17 Analyte	Unit	Remediation Objective (RO)	Result 2/14/2017	Result 5/15/2017	Result 8/16/2017	Result 11/20/2017	Result 2/14/2018	Result 5/7/2018	Result 8/14/2018	Result 11/6/2018	Result 2/18/2019	Result 5/7/2019	Result 8/12/2019	Result 11/12/2019
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	**0.00225**	**0.00328**	< 0.006	< 0.002	**0.00742**	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	---	---	---	---	---	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---	---	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---	---	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	< 0.0002	< 0.0002	< 0.0002
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	**0.00011 B**	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.5	**0.48 J**	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.1	< 2	< 2	< 2	< 2	**0.61 J**	< 2 B	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2	< 2

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

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

GW-17 Analyte	Unit	Remediation Objective (RO)	Result 2/18/2020	Result 5/12/2020	Result 8/12/2020	Result 11/11/2020	Result 2/22/2021	Result 5/10/2021	Result 8/10/2021	Result 11/8/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	**0.000115**	< 0.000231	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	**0.000055 J**	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.000077	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000074 J	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.000154	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00215**	**0.00257 C**	**0.00467 C**	< 0.002 C	**0.0029**	< 0.002	0.00739	< 0.002
Chrysene	mg/L	0.0015	**0.000047 J**	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.000077	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	**0.000288**	< 0.000231	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.000154	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.000077	**0.000078 J**	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.000308	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.000462	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	**0.00023**	< 0.000154	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.12 J**
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.53 J**
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2 B	**0.38 J**	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.12 J**
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**0.65 J**

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

GW-17 Analyte	Unit	Remediation Objective (RO)	Result 2/15/2022	Result 5/9/2022	Result 9/6/2022	Result 11/28/2022	Result 2/13/2023	Result 5/15/2023	Result 9/14/2023
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	**0.00752**	< 0.002	**0.0144**	< 0.002	**0.0019** J
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 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
Pyrene	mg/L	0.21	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 0.2	< 0.2	< 0.2
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	**0.49** J	< 2 B	< 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 2023
Ameren Taylorville, IL MGP Site

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

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

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

GW-18S Analyte	Unit	Remediation Objective (RO)	Result 8/18/2016	Result 11/16/2016	Result 2/16/2017	Result 5/17/2017	Result 8/18/2017	Result 11/21/2017	Result 2/15/2018	Result 5/8/2018
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000118 S**	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000132 S**	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.0001
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	---	---	**0.00827**	**0.0015 J**	< 0.006 S	**0.00347**	**0.00327**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---	---	---
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	**9.2E-05 J**	< 0.0001 S	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000143**	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0001	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0001 S	< 0.0001	< 0.0001
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.5	< 0.5	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 1	< 1	< 1

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
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mg/L = milligrams per liter
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Attachment B
Summary of Analytical Results
2015 - September 2023
Ameren Taylorville, IL MGP Site

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

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

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

GW-18S		**Remediation**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
Analyte	**Unit**	**Objective (RO)**	**5/13/2020**	**8/14/2020**	**11/11/2020**	**2/23/2021**	**5/11/2021**	**8/11/2021**	**11/10/2021**
Acenaphthene	mg/L	0.42	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.000234	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003 B
Benzo(a)anthracene	mg/L	0.00013	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.000078	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000071 J**	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.000156	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00309**	**0.00244 C**	**0.00299**	**0.00249**	**0.00329**	< 0.002	**0.00305**
Chrysene	mg/L	0.0015	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000078	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.00781	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.000234	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.000156	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000078	**0.00007 J**	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.00781	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.00781	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.000312	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.000469	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.000156	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	**0.11 J**
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	**0.39 J**
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2 B	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	**0.39 J**

Notes:
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Attachment B
Summary of Analytical Results
2015 - September 2023
Ameren Taylorville, IL MGP Site

GW-18S Analyte	Unit	Remediation Objective (RO)	Result - DUP 11/10/2021	Result 2/16/2022	Result 5/9/2022	Result 9/7/2022	Result 11/29/2022	Result 2/14/2023	Result 5/16/2023	Result 9/14/2023
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003 B	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	**0.00228**	< 0.002	**0.00331**	**0.00295**	< 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	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 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
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	**0.13 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	**0.45 J**	< 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	**0.48 J**	< 2 B	< 2	< 2
o-Xylene	µg/L	-	**0.11 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	**0.13 J**	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	**0.56 J**	< 2	< 2	< 2	< 2	< 2	< 2	< 2

Notes:
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R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
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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 2023
Ameren Taylorville, IL MGP Site

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

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

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

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
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mg/L = milligrams per liter
µg/L = micrograms per liter

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

GW-18D Analyte	Unit	Remediation Objective (RO)	Result 11/21/2017	Result (DUP) 11/21/2017	Result 2/15/2018	Result 5/8/2018	Result 8/14/2018	Result 11/8/2018	Result 2/19/2019	Result 5/7/2019	Result 8/13/2019	Result 11/12/2019
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001	< 0.005
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001	< 0.005
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001	< 0.005
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.00111	< 0.0002	< 0.01
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001	< 0.005
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.006	< 0.006	**0.00371**	**0.00222**	**0.00371**	< 0.002	< 0.002	< 0.0111	**0.00517**	< 0.1
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001	< 0.005
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001	< 0.005
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	---	---	---	---	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.00111	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000556	< 0.0001	< 0.005
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	< 0.00111	< 0.0002	< 0.0002
Phenanthrene	mg/L	-	< 0.0001	**0.000108**	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.00222	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002 B	< 0.00111	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.13 J**	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	**0.25 J**	**0.4 J**	**0.42 J**	< 2	**0.32 J**
Xylenes, Total	µg/L	10000	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2	< 2

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

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

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

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

GW-18D Analyte	Unit	Remediation Objective (RO)	Result 11/10/2021	Result 2/16/2022	Result 5/9/2022	Result 9/7/2022	Result 11/29/2022	Result 2/14/2023	Result 5/16/2023	Result 9/14/2023
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003 B	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	**0.00295**	**0.00284**	< 0.002	< 0.002	**0.0015 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	< 0.0002	< 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	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 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
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	**0.13 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	**0.41 J**	< 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	**0.54 J**	< 2 B	< 2	< 2
o-Xylene	µg/L	-	**0.13 J**	< 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	**0.12 J**	< 2
Xylenes, Total	µg/L	10000	**0.54 J**	< 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 2023
Ameren Taylorville, IL MGP Site

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

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

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

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

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

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

GW-19S Analyte	Unit	Remediation Objective (RO)	Result 5/8/2018	Result 8/14/2018	Result 11/8/2018	Result 2/19/2019	Result (DUP) 2/19/2019	Result 5/7/2019	Result 8/13/2019	Result 11/13/2019	Result 2/19/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000054 J**	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000071 J**	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000051 J**	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00502**	**0.0149**	< **0.002**	**0.0146**	**0.00315**	**0.00632**	**0.0342**	**0.002 J**	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000058 J**	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0001	< 0.0001	< 0.0002 B	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	**0.41 J**	< 2	< 2	< 2	< 2	**0.39 J**
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	**0.1 J**	**0.11 J**	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 1	< 1	< 1	< 1	< 1	< 2	< 2	< 2	< 2

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

GW-19S Analyte	Unit	Remediation Objective (RO)	Result 5/13/2020	Result 8/13/2020	Result 11/10/2020	Result 2/23/2021	Result 5/11/2021	Result 8/11/2021	Result 11/10/2021	Result 2/16/2022
Acenaphthene	mg/L	0.42	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.000234	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003 B	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.000078	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.000156	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.00156 C	< 0.002 C	< 0.002 C	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000078	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.00781	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.000234	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.000156	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000078	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.00781	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.00781	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.000312	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.000469	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.000156	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	**0.15 J**	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	**0.5 J**	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2 B	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	**0.11 J**	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	**0.61 J**	< 2

Notes:
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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 2023
Ameren Taylorville, IL MGP Site

GW-19S Analyte	Unit	Remediation Objective (RO)	Result- DUP 2/16/2022	Result 5/9/2022	Result 9/7/2022	Result 11/29/2022	Result - DUP 11/29/2022	Result 2/14/2023	Result - DUP 2/14/2023	Result 5/16/2023	Result 9/14/2023
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	**0.00238**	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 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	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 0.2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	**0.5 J**	**0.46 BJ**	< 2 B	< 2 B	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2

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

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

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

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

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

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

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

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

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

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

Notes:
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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 2023
Ameren Taylorville, IL MGP Site

GW-19D Analyte	Unit	Remediation Objective (RO)	Result 5/9/2022	Result 9/7/2022	Result 11/29/2022	Result 2/14/2023	Result 5/16/2023	Result 9/14/2023
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	**0.00016**	< 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	**0.00391**	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 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
Pyrene	mg/L	0.21	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	**0.47 BJ**	< 2 B	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	**0.12 J**	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
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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.
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µg/L = micrograms per liter

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

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

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

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

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

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

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

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

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

GW-20 Analyte	Unit	Remediation Objective (RO)	Result 11/10/2020	Result 2/23/2021	Result 5/11/2021	Result (DUP) 5/11/2021	Result 8/11/2021	Result 11/10/2021	Result 2/16/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	**0.000155**	**0.000075** J	**0.000330**	**0.000509**	**0.000498**	**0.000229**	**0.00062**
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003 B	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	**0.000141**	< 0.000100	**0.000388**	**0.000671**	**0.000565**	**0.000316**	**0.000693**
Benzo(a)pyrene	mg/L	0.0002	**0.000505**	**0.000238**	**0.001350**	**0.002230**	**0.00193**	**0.000893**	**0.00224**
Benzo(b)fluoranthene	mg/L	0.00018	**0.000342**	**0.000174**	**0.001070**	**0.001840**	**0.00173**	**0.000825**	**0.00198**
Benzo(g,h,i)perylene	mg/L	-	**0.000547**	**0.000243**	**0.001290**	**0.001970**	**0.00203**	**0.000894**	**0.00219**
Benzo(k)fluoranthene	mg/L	0.00017	**0.000085** J	< 0.000100	**0.000302**	**0.000497**	**0.000521**	**0.00017**	**0.000629**
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002 C	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	**0.000183**	**0.000073** J	**0.000548**	**0.000921**	**0.000754**	**0.000398**	**0.000937**
Dibenzo(a,h)anthracene	mg/L	0.0003	**0.00008** J	< 0.0002	**0.00018** J	**0.000294**	**0.000376**	**0.00012** J	**0.000408**
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	**0.000342**	**0.000652**	**0.000616**	**0.000316**	**0.00069**
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	**0.000319**	< 0.000200	**0.000892**	**0.001470**	**0.0014**	**0.000611**	**0.00161**
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	**0.000328**	< 0.000200	**0.000845**	**0.001510**	**0.00127**	**0.000613**	**0.00156**
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	**0.12** J	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	**0.47** J	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2 B	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	**0.47** J	< 2

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

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

GW-20 Analyte	Unit	Remediation Objective (RO)	Result 5/9/2022	Result 9/7/2022	Result 11/29/2022	Result 2/14/2023	Result 5/16/2023	Result 9/14/2023
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	**0.00008 J**	**0.0007**	**0.000363**	**0.00067**	**0.00018**	**0.00064**
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	**0.000088 J**	**0.000921**	**0.00046**	**0.00065**	**0.00016**	**0.00098**
Benzo(a)pyrene	mg/L	0.0002	**0.000337**	**0.00271**	**0.00167**	**0.00282**	**0.00068**	**0.00315**
Benzo(b)fluoranthene	mg/L	0.00018	**0.000258**	**0.0024**	**0.00128**	**0.0022**	**0.00043**	**0.00269**
Benzo(g,h,i)perylene	mg/L	-	**0.000441**	**0.00283**	**0.00159**	**0.00261**	**0.00075**	**0.00324**
Benzo(k)fluoranthene	mg/L	0.00017	**0.00008 J**	**0.000695**	**0.000393**	**0.00051**	**0.00016**	**0.00077**
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	**0.0016 J**	< 0.002	< 0.002	< 0.002	**0.0016 J**
Chrysene	mg/L	0.0015	**0.000151**	**0.00118**	**0.000604**	**0.00094**	**0.00022**	**0.00131**
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	**0.00049**	**0.00023**	**0.00048**	**0.00012 J**	**0.00068**
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	**0.001**	**0.000582**	**0.00058**	< 0.0003	**0.00107**
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	**0.000345**	**0.00202**	**0.00107**	**0.00178**	**0.00044**	**0.00234**
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	< 0.0004	< 0.0004	< 0.01	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.0004	< 0.01	< 0.01	< 0.0004	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	**0.000208 B**	**0.00197**	**0.00112**	**0.00123**	**0.00036**	**0.00227**
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 0.2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	**0.47 BJ**	< 2 B	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	**0.16 J**	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	**0.48 J**
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
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< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = 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 2023
Ameren Taylorville, IL MGP Site

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

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

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

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

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

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

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

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

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

GW-21 Analyte	Unit	Remediation Objective (RO)	Result 5/11/2022	Result 9/7/2022	Result 11/29/2022	Result 2/14/2023	Result 5/17/2023	Result 9/15/2023
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	**0.000109**	< 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	**0.0016** J	< 0.002	**0.0015** J	**0.0017** J	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	**0.000052** J	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.0004	< 0.0004	< 0.0004	< 0.01	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.01	< 0.01	< 0.01	< 0.0004	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002 B	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 0.2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2 B	< 2 B	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2

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

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

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

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

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

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

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
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mg/L = milligrams per liter
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Attachment B
Summary of Analytical Results
2015 - September 2023
Ameren Taylorville, IL MGP Site

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

Notes:
B = Analyte detected in associated method blank
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mg/L = milligrams per liter
µg/L = micrograms per liter

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

GW-22S Analyte	Unit	Remediation Objective (RO)	Result 5/8/2019	Result 8/14/2019	Result 11/13/2019	Result 2/20/2020	Result 5/14/2020	Result - DUP 5/14/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000077	< 0.000077
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000077	< 0.000077
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	**0.000637**	< 0.000231	< 0.000231
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	**0.000088 J**	< 0.000077	< 0.000077
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000077	< 0.000077
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	**0.000061 J**	< 0.000077	< 0.000077
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000154	< 0.000154
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000077	< 0.000077
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00455**	< 0.002	< 0.002	< 0.002	**0.00191 C**	< 0.00154 C
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	**0.000084 J**	< 0.000077	< 0.000077
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000077	< 0.000077
Di-n-butyl phthalate	mg/L	0.7	---	< 0.01	< 0.01	< 0.01	< 0.00769	< 0.00769
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	**0.000524**	< 0.000231	< 0.000231
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000154	< 0.000154
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	**0.000093 J**	< 0.000077	< 0.000077
m,p-Cresol	mg/L	-	---	< 0.01	< 0.01	< 0.01	< 0.00769	< 0.00769
o-Cresol	mg/L	0.35	---	< 0.01	< 0.01	< 0.01	< 0.00769	< 0.00769
Naphthalene	mg/L	0.14	**0.000203**	< 0.0002	< 0.0002	< 0.0002	< 0.000308	< 0.000308
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	**0.000695**	< 0.000462	< 0.000462
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	**0.000449**	< 0.000154	< 0.000154
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	**0.5 J**	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2

Notes:
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mg/L = milligrams per liter
µg/L = micrograms per liter

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

GW-22S Analyte	Unit	Remediation Objective (RO)	Result 8/13/2020	Result 11/9/2020	Result 2/22/2021	Result 5/12/2021	Result 8/11/2021	Result - DUP 8/11/2021	Result 11/9/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**7.1E-05 J**	**0.00007 J**	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00279 C**	**0.00517**	**0.0017** J	**0.00472**	**0.00983**	**0.00753**	< 0.002 B
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	**0.14 J**	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	**0.2 J**	< 1	< 1	**0.39 J**
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2 B	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	**0.13 J**	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	**0.33 J**	< 2	< 2	**0.39 J**

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

GW-22S Analyte	Unit	Remediation Objective (RO)	Result - DUP 11/9/2021	Result 2/16/2022	Result 5/10/2022	Result 9/7/2022	Result 11/29/2022	Result 2/14/2023	Result 5/16/2023	Result 9/14/2023
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	**0.000068 J**	< 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	**0.0016 BJ**	< 0.002	**0.00347**	< 0.002	< 0.002	< 0.002	< 0.002	**0.0019 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	< 0.0002	< 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	< 0.0004	< 0.0004	< 0.01	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.01	< 0.01	< 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
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	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	**0.11 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	**0.47 J**	< 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	**0.47 BJ**	< 2 B	< 2	< 2
o-Xylene	µg/L	-	**0.11 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	**0.12 J**	< 2	**0.22 J**	**0.25 J**	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	**0.58 J**	< 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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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 2023
Ameren Taylorville, IL MGP Site

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

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

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

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

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

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

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

Notes:
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 2023
Ameren Taylorville, IL MGP Site

GW-22D Analyte	Unit	Remediation Objective (RO)	Result 5/10/2022	Result 9/6/2022	Result 11/28/2022	Result 2/14/2023	Result 5/16/2023	Result 9/14/2023
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 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
Pyrene	mg/L	0.21	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2 B	**0.59 J**	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	**0.11 J**	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2

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

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

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

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

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

GW-25 Analyte	Unit	Remediation Objective (RO)	Result 5/12/2021	Result 8/11/2021	Result 11/8/2021	Result 2/15/2022	Result 5/10/2022	Result 9/6/2022	Result 11/28/2022	Result 2/13/2023	Result 5/15/2023	Result 9/14/2023
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	**0.012 J**	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	**0.11 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	**0.48 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	< 2 B	**0.46 BJ**	< 2 B	< 2	**1.5 J**
o-Xylene	µg/L	-	< 1	< 1	**0.1 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	**0.4 J**	**0.29 J**	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	**0.58 J**	< 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 2023
Ameren Taylorville, IL MGP Site

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

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

GW-26 Analyte	Unit	Remediation Objective (RO)	Result 8/12/2021	Result 11/8/2021	Result 2/15/2022	Result 5/10/2022	Result 9/6/2022	Result 11/28/2022	Result 2/13/2023	Result 5/15/2023	Result 9/15/2023
Acenaphthene	mg/L	0.42	**0.000072 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	**0.000081 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002	**0.0018 J**	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	**0.000215**	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	**0.00429**	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	**0.15 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	**0.52 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	< 2 B	< 2 B	< 2	**0.69 J**
o-Xylene	µg/L	-	< 1	**0.12 J**	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	**0.21 J**	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	**0.64 J**	< 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 2023
Ameren Taylorville, IL MGP Site

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

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

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

G-101S Analyte	Unit	Remediation Objective (RO)	Result 5/11/2021	Result 5/10/2022	Result 5/16/2023
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.0004
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.01
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002 B	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2

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

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

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

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

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

G-102S Analyte	Unit	Remediation Objective (RO)	Result 5/11/2021		Result 5/10/2022		Result 5/16/2023	
Acenaphthene	mg/L	0.42	< 0.0001		< 0.0001		< 0.0001	
Acenaphthylene	mg/L	-	< 0.0001		< 0.0001		< 0.0001	
Anthracene	mg/L	2.1	< 0.0003		< 0.0003		< 0.0003	
Benzo(a)anthracene	mg/L	0.00013	< 0.0001		< 0.0001		< 0.0001	
Benzo(a)pyrene	mg/L	0.0002	< 0.0002		< 0.0002		< 0.0002	
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001		< 0.0001		< 0.0001	
Benzo(g,h,i)perylene	mg/L	-	< 0.0002		< 0.0002		< 0.0002	
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001		< 0.0001		< 0.0001	
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0019**	**J**	< 0.002		< 0.002	
Chrysene	mg/L	0.0015	< 0.0001		< 0.0001		< 0.0001	
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002		< 0.0002		< 0.0002	
Di-n-butyl phthalate	mg/L	0.7	< 0.01		< 0.01		< 0.01	
Fluoranthene	mg/L	0.28	< 0.0003		< 0.0003		< 0.0003	
Fluorene	mg/L	0.28	< 0.0002		< 0.0002		< 0.0002	
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002		< 0.0002		< 0.0002	
m,p-Cresol	mg/L	-	< 0.01		< 0.01		< 0.01	
o-Cresol	mg/L	0.35	< 0.01		< 0.01		< 0.0004	
Naphthalene	mg/L	0.14	< 0.0004		< 0.0004		< 0.01	
Phenanthrene	mg/L	-	< 0.0006		< 0.0006		< 0.0006	
Pyrene	mg/L	0.21	< 0.0002		< 0.0002	B	< 0.0002	
Benzene	µg/L	5.0	< 0.5		< 0.5		< 0.5	
Bromoform	µg/L	1.0	< 2		< 2		< 0.2	
Ethylbenzene	µg/L	700	< 1		< 1		< 1	
m,p-Xylenes	µg/L	-	< 1		< 1		< 1	
Methylene chloride	µg/L	5.0	< 2		< 2		< 2	
Naphthalene	µg/L	140	< 2		< 2		< 2	
o-Xylene	µg/L	-	< 1		< 1		< 1	
Toluene	µg/L	1000	< 2		< 2		< 2	
trans-1,2-Dichloroethene	µg/L	100	< 2		< 2		< 2	
Xylenes, Total	µg/L	10000	< 2		< 2		< 2	

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

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

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

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

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

G-102D Analyte	Unit	Remediation Objective (RO)	Result 5/11/2021	Result 5/10/2022	Result - DUP 5/10/2022	Result 5/16/2023
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	**0.00085 J**	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.0004
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.01
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002 B	< 0.0002 B	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2

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

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

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

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

G-103S Analyte	Unit	Remediation Objective (RO)	Result 5/11/2022		Result 5/17/2023		
Acenaphthene	mg/L	0.42	<	0.0001	<	0.0001	H
Acenaphthylene	mg/L	-	<	0.0001	<	0.0001	H
Anthracene	mg/L	2.1	<	0.0003	<	0.0003	H
Benzo(a)anthracene	mg/L	0.00013	<	0.0001	<	0.0001	H
Benzo(a)pyrene	mg/L	0.0002	<	0.0002	<	0.0002	H
Benzo(b)fluoranthene	mg/L	0.00018	<	0.0001	<	0.0001	H
Benzo(g,h,i)perylene	mg/L	-	<	0.0002	<	0.0002	H
Benzo(k)fluoranthene	mg/L	0.00017	<	0.0001	<	0.0001	H
Bis(2-ethylhexyl)phthalate	mg/L	0.006	<	0.002	<	0.002	H
Chrysene	mg/L	0.0015	<	0.0001	<	0.0001	H
Dibenzo(a,h)anthracene	mg/L	0.0003	<	0.0002	<	0.0002	H
Di-n-butyl phthalate	mg/L	0.7	<	0.01	<	0.01	H
Fluoranthene	mg/L	0.28	<	0.0003	<	0.0003	H
Fluorene	mg/L	0.28	<	0.0002	<	0.0002	H
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	<	0.0002	<	0.0002	H
m,p-Cresol	mg/L	-	<	0.01	<	0.01	H
o-Cresol	mg/L	0.35	<	0.01	<	0.0004	H
Naphthalene	mg/L	0.14	<	0.0004	<	0.01	H
Phenanthrene	mg/L	-	<	0.0006	<	0.0006	H
Pyrene	mg/L	0.21	<	0.0002	<	0.0002	H
Benzene	µg/L	5.0	<	0.5	<	0.5	
Bromoform	µg/L	1.0	<	2	<	0.2	
Ethylbenzene	µg/L	700	<	1	<	1	
m,p-Xylenes	µg/L	-	<	1	<	1	
Methylene chloride	µg/L	5.0	<	2	<	2	
Naphthalene	µg/L	140	<	2	<	2	
o-Xylene	µg/L	-	<	1	<	1	
Toluene	µg/L	1000	<	2		**0.13**	**J**
trans-1,2-Dichloroethene	µg/L	100	<	2	<	2	
Xylenes, Total	µg/L	10000	<	2	<	2	

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

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

G-103D Analyte	Unit	Remediation Objective (RO)	Result 5/12/2015	Result 5/26/2016	Result 5/16/2017	Result 5/9/2018	Result (DUP) 5/9/2018	Result 5/6/2019	Result 5/12/2020	Result - DUP 5/12/2020	Result 5/12/2021
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.00029	< 0.00008	< 0.000071	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.00029	< 0.00008	< 0.000071	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.00029	< 0.00024	< 0.000214	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.00029	< 0.00008	< 0.000071	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.00029	< 0.00008	< 0.000071	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.00029	< 0.00008	< 0.000071	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.00059	< 0.00016	< 0.000143	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.00029	< 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	< 0.00029	< 0.00008	< 0.000071	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.00029	< 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	< 0.00059	< 0.00024	< 0.000214	< 0.0003
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.00029	< 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	< 0.00029	< 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	< 0.00059	< 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 2023
Ameren Taylorville, IL MGP Site

G-103D Analyte	Unit	Remediation Objective (RO)	Result 5/11/2022		Result 5/17/2023		
Acenaphthene	mg/L	0.42	<	0.0001	<	0.0001	H
Acenaphthylene	mg/L	-	<	0.0001	<	0.0001	H
Anthracene	mg/L	2.1	<	0.0003	<	0.0003	H
Benzo(a)anthracene	mg/L	0.00013	<	0.0001	<	0.0001	H
Benzo(a)pyrene	mg/L	0.0002	<	0.0002	<	0.0002	H
Benzo(b)fluoranthene	mg/L	0.00018	<	0.0001	<	0.0001	H
Benzo(g,h,i)perylene	mg/L	-	<	0.0002	<	0.0002	H
Benzo(k)fluoranthene	mg/L	0.00017	<	0.0001	<	0.0001	H
Bis(2-ethylhexyl)phthalate	mg/L	0.006	<	0.002		**0.0015**	**JH**
Chrysene	mg/L	0.0015	<	0.0001	<	0.0001	H
Dibenzo(a,h)anthracene	mg/L	0.0003	<	0.0002	<	0.0002	H
Di-n-butyl phthalate	mg/L	0.7	<	0.01	<	0.01	H
Fluoranthene	mg/L	0.28	<	0.0003	<	0.0003	H
Fluorene	mg/L	0.28	<	0.0002	<	0.0002	H
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	<	0.0002	<	0.0002	H
m,p-Cresol	mg/L	-	<	0.01	<	0.01	H
o-Cresol	mg/L	0.35	<	0.01	<	0.0004	H
Naphthalene	mg/L	0.14	<	0.0004	<	0.01	H
Phenanthrene	mg/L	-	<	0.0006	<	0.0006	H
Pyrene	mg/L	0.21	<	0.0002	<	0.0002	H
Benzene	µg/L	5.0	<	0.5	<	0.5	
Bromoform	µg/L	1.0	<	2	<	0.2	
Ethylbenzene	µg/L	700	<	1	<	1	
m,p-Xylenes	µg/L	-	<	1	<	1	
Methylene chloride	µg/L	5.0	<	2	<	2	
Naphthalene	µg/L	140	<	2	<	2	
o-Xylene	µg/L	-	<	1	<	1	
Toluene	µg/L	1000	<	2	<	2	
trans-1,2-Dichloroethene	µg/L	100	<	2	<	2	
Xylenes, Total	µg/L	10000	<	2	<	2	

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
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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 2023
Ameren Taylorville, IL MGP Site

QC Samples Analyte	Unit	Remediation Objective (RO)	Field Blank 1 Result 5/13/2020	Field Blank 1 Result 8/12/2020	Field Blank 2 Result 8/14/2020	Field Blank 1 Result 11/9/2020	Field Blank 1 Result 2/24/2021	Trip Blank 1 Result 8/12/2021	Trip Blank 2 Result 8/12/2021	Trip Blank 1 Result 11/10/2021
Acenaphthene	mg/L	0.42	**0.000193**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA	NA
Acenaphthylene	mg/L	-	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA	NA
Anthracene	mg/L	2.1	< 0.000231	< 0.0003	< 0.0003	< 0.0003	< 0.0003	NA	NA	NA
Benzo(a)anthracene	mg/L	0.00013	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA	NA
Benzo(a)pyrene	mg/L	0.0002	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0002	NA	NA	NA
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA	NA
Benzo(g,h,i)perylene	mg/L	-	< 0.000154	< 0.0002	< 0.0002	< 0.0002	< 0.0002	NA	NA	NA
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA	NA
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.00154 C	< 0.002 C	< 0.002 C	< 0.002 C	< 0.002	NA	NA	NA
Chrysene	mg/L	0.0015	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA	NA
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0002	NA	NA	NA
Di-n-butyl phthalate	mg/L	0.7	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01	NA	NA	NA
Fluoranthene	mg/L	0.28	< 0.000231	< 0.0003	< 0.0003	< 0.0003	< 0.0003	NA	NA	NA
Fluorene	mg/L	0.28	**0.000311**	< 0.0002	< 0.0002	< 0.0002	< 0.0002	NA	NA	NA
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000077	< 0.0001	**7.8E-05 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:
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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 2023
Ameren Taylorville, IL MGP Site

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

Notes:
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Yellow = Exceeds RO for 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 2023
Ameren Taylorville, IL MGP Site

QC Samples Analyte	Unit	Remediation Objective (RO)	Field Blank 1 Result 11/30/2022	Trip Blank 1 Result 11/30/2022	Trip Blank 2 Result 11/30/2022	Field Blank 1 Result 2/14/2023	Trip Blank 1 Result 2/15/2023	Trip Blank 2 Result 2/15/2023	Trip Blank 1 Result 5/15/2023	Trip Blank 2 Result 5/15/2023	Trip Blank 1 Result 9/15/2023
Acenaphthene	mg/L	0.42	< 0.0001	NA	NA	< 0.0001	NA	NA	NA	NA	NA
Acenaphthylene	mg/L	-	< 0.0001	NA	NA	< 0.0001	NA	NA	NA	NA	NA
Anthracene	mg/L	2.1	< 0.0003	NA	NA	< 0.0003	NA	NA	NA	NA	NA
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	NA	NA	< 0.0001	NA	NA	NA	NA	NA
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	NA	NA	< 0.0002	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	NA	NA	< 0.0001	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	NA	NA	< 0.0002	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	NA	NA	< 0.0001	NA	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	NA	NA	< 0.002	NA	NA	NA	NA	NA
Chrysene	mg/L	0.0015	< 0.0001	NA	NA	< 0.0001	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	NA	NA	< 0.0002	NA	NA	NA	NA	NA
Di-n-butyl phthalate	mg/L	0.7	< 0.01	NA	NA	< 0.01	NA	NA	NA	NA	NA
Fluoranthene	mg/L	0.28	< 0.0003	NA	NA	< 0.0003	NA	NA	NA	NA	NA
Fluorene	mg/L	0.28	< 0.0002	NA	NA	< 0.0002	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	NA	NA	< 0.0002	NA	NA	NA	NA	NA
m,p-Cresol	mg/L	-	< 0.01	NA	NA	< 0.01	NA	NA	NA	NA	NA
o-Cresol	mg/L	0.35	< 0.0004	NA	NA	< 0.01	NA	NA	NA	NA	NA
Naphthalene	mg/L	0.14	< 0.01	NA	NA	< 0.0004	NA	NA	NA	NA	NA
Phenanthrene	mg/L	-	< 0.0006	NA	NA	< 0.0006	NA	NA	NA	NA	NA
Pyrene	mg/L	0.21	< 0.0002	NA	NA	< 0.0002	NA	NA	NA	NA	NA
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 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	**0.46 BJ**	**0.46 BJ**	**0.78 J**	< 2 B	< 2 B	< 2 B	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	**1.1 J**	< 2	< 2	1.2 J	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
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