October 14, 2022

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, 2022 report for the Taylorville Manufactured Gas Plant Site. This report is a summary of events. Reports and notifications of events are reported in addition to this summary throughout the quarter.

Third Quarter – 2022 Events

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

Fourth Quarter – 2022 Plans

- Collect Fourth quarter groundwater samples in November 2022.

Problems Encountered or Anticipated Problems

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

We have treated 1,330,356,592 gallons of groundwater through the system since startup until the end of September 2022. There has not been any migration of contamination off-site.

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

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

Sincerely,

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

Attachments

Attachments

Pumping Summary and Treatment Plant Results (July-September)

Monitoring Well Location Map

Year 2022 Quarter 3 Groundwater Sampling Results

Taylorville, Illinois
July 2022

DATE	TOTALIZER READING	FLOW	EXTRACTION WELL	Water Level East	Water Level West
Jul-22					
1	302,798,800	61,200	West	54	48
2	302,860,000	101,700	West	54	48
3	302,961,700	64,400	West	54	50
4	303,026,100	93,400	West	54	50
5	303,119,500	65,800	West	54	50
6	303,185,300	60,800	West	54	50
7	303,246,100	106,400	West	54	50
8	303,352,500	66,800	West	54	52
9	303,419,300	81,900	West	54	52
10	303,501,200	65,400	West	54	51
11	303,566,600	92,400	West	54	50
12	303,659,000	60,700	West	54	50
13	303,719,700	57,200	West	54	50
14	303,776,900	107,900	West	54	50
15	303,884,800	105,800	West	54	48
16	303,990,600	76,800	West	54	50
17	304,067,400	61,500	West	54	48
18	304,128,900	144,200	West	54	48
19	304,273,100	75,200	West	54	48
20	304,348,300	78,600	West	54	48
21	304,426,900	94,400	West	54	48
22	304,521,300	60,600	West	54	48
23	304,581,900	56,500	West	54	48
24	304,638,400	112,900	West	54	48
25	304,751,300	82,900	West	54	48
26	304,834,200	80,900	West	56	50
27	304,915,100	45,400	West	56	50
28	304,960,500	94,100	West	56	50
29	305,054,600	57,500	West	54	50
30	305,112,100	103,100	West	54	50
31	305,215,200	92,300	West	54	50
Aug-22	305,307,500				

Flow Data		**Gallons**
For Month		2,508,700
	To Pond	0
	Below Pond	2,508,700
Average		80,926
Maximum		144,200
Minimum		45,400
Total Through June		1,324,021,792
Total Through July		1,326,530,492

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	7/7/2022	7/7/2022
	Inoperable	7/14/2022	7/14/2022
	Inoperable	7/21/2022	7/21/2022
	Inoperable	7/28/2022	7/28/2022

Drum Disposal No

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
July 2022

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	7/6/2022	7/13/2022	7/20/2022	7/27/2022	Average	Maximum
Lab pH		-	-	-	7.65	6.95	6.80	6.97	7.09	7.65
Iron, Dissolved	mg/L	-	-	-	1.18	1.54	0.374	0.956	1.01	1.54
Iron, Total	mg/L	-	-	-	2.62	2.50	2.18	2.52	2.46	2.62
Acenaphthene	mg/L	-	-	0.42	0.014	0.0152	0.0163	0.0171	0.0157	0.0171
Acenaphthylene	mg/L	-	-	-	0.00283	0.00331	0.0077	0.00445	0.00457	0.00770
Anthracene	mg/L	-	-	2.1	0.00271	0.00323	0.00382	0.00389	0.00341	0.00389
Benzo(a)anthracene	mg/L	-	-	0.00013	**0.000160**	**0.000157**	**0.000428**	**0.000202**	**0.000237**	**0.000428**
Benzo(a)pyrene	mg/L	-	-	0.00023	ND	ND	0.000264	ND	0.000264	0.000264
Benzo(b)fluoranthene	mg/L	-	-	-	ND	ND	0.000242	ND	0.000242	0.000242
Benzo(g,h,i)perylene	mg/L	-	-	-	ND	ND	ND	ND	0.000278	0.000278
Benzo(k)fluoranthene	mg/L	-	-	-	ND	ND	0.000065 J	ND	0.000065	0.00007
Chrysene	mg/L	-	-	-	0.000127	0.000125	0.00036	0.000169	0.000195	0.000360
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND	ND	ND	ND	0.000278	0.000278
Fluoranthene	mg/L	-	-	0.28	0.00206	0.00263	0.00328	0.00308	0.00276	0.00328
Fluorene	mg/L	-	-	-	0.00686	0.00780	0.00812	0.00934	0.00803	0.00934
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND	ND	ND	ND	0.000278	0.000278
m,p-Cresol	mg/L	-	-	0.35	ND	ND	0.00066 J	0.00095 J	0.00081	0.00095
o-Cresol	mg/L	-	-	0.35	0.0058 J	0.0067 J	0.0020 J	ND	0.0048	0.0067
Phenanthrene	mg/L	-	-	-	0.0128	0.0146	0.0190	0.0169	0.0158	0.0190
Pyrene	mg/L	-	-	-	0.00187	0.00325	0.00424	0.00395	0.00333	0.00424
Total PNAs except Naphthalene	mg/L	-	-	-	0.0434	0.0503	0.0637	0.0591	0.0541	0.0637
Benzene	µg/L	-	-	5	**276**	**308**	**290**	**253**	**282**	**308**
Ethylbenzene	µg/L	-	-	700	59.8	65.8	63.1	54.9	60.9	65.8
m,p-Xylenes	µg/L	-	-	-	49.3	54	49.8	45.1	49.6	54.0
Naphthalene	µg/L	-	-	25	**332**	**349**	**393**	**359**	**358**	**393**
o-Xylene	µg/L	-	-	-	24.6	28.2	24.8	22.9	25.1	28.2
Toluene	µg/L	-	-	1000	146	163	155	149	153	163
Xylenes, Total	µg/L	-	-	10000	73.9	82.2	74.6	68.0	74.7	82.2

NA=Not analyzed
ND=Not detected above the project acceptable detection limit
*=Results not available
NS=Not sampled
#=Analyte found in the method blank at a concentration > acceptable detection limit
J = Estimated concentration
BOLD text indicates exceedance of the groundwater quality standard
B = Analyte present in method blank
E=Value above quantitation range
H = Holding times exceeded

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

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	7/6/2022		7/13/2022		7/20/2022		7/27/2022		Average	Maximum
Lab pH		-	-	-	7.11		6.91		6.82		6.92		6.94	7.11
Iron, Dissolved	mg/L	-	-	-	ND		ND		0.022	J	0.029	J	0.026	0.029
Iron, Total	mg/L	-	-	-	0.037	J	0.021	J	0.032	J	0.037	J	0.032	0.037
Acenaphthene	mg/L	-	-	-	ND		0.000116	J	ND		ND		0.000116	0.000116
Acenaphthylene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND
Anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND
Benzo(a)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND
Benzo(a)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND
Chrysene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND
Fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND
Fluorene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND
m,p-Cresol	mg/L	-	-	-	ND		ND		ND		ND		ND	ND
o-Cresol	mg/L	-	-	-	ND		ND		ND		ND		ND	ND
Phenanthrene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND
Pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND
Total PNAs except Naphthalene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND
Benzene	µg/L	-	-	-	19.8		20.1		22.0		25.9		22.0	25.9
Ethylbenzene	µg/L	-	-	-	ND		ND		ND		ND		ND	ND
m,p-Xylenes	µg/L	-	-	-	ND		ND		ND		ND		ND	ND
Naphthalene	µg/L	-	-	-	1.1		1.0		0.9		0.6		0.9	1.1
o-Xylene	µg/L	-	-	-	ND		0.1	J	ND		ND		0.1	0.1
Toluene	µg/L	-	-	-	ND		ND		ND		ND		ND	ND
Xylenes, Total	µg/L	-	-	-	ND		ND		ND		ND		ND	ND

NA=Not analyzed
ND=Not detected above the project acceptable detection limit
*=Results not available
NS=Not sampled
J=Analyte detected below quantitation limits
B=Analyte found in the method blank at a concentration
E=Value above quantitation range
H = Holding times exceeded

Effluent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
July 2022

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	7/6/2022	7/13/2022	7/20/2022	7/27/2022	Average	Maximum
Lab pH		-	-	-	7.21	6.92	6.82	6.88	6.96	7.21
Iron, Dissolved	mg/L	-	1	-	ND	ND	ND	ND	ND	ND
Iron, Total	mg/L	2	4	-	ND	ND	ND	ND	ND	ND
Acenaphthene	mg/L	-	0.0608	-	ND	ND	ND	ND	ND	ND
Acenaphthylene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Anthracene	mg/L	-	0.0023	-	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	mg/L	-	0.001	-	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	mg/L	-	0.0005	-	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Chrysene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Fluoranthene	mg/L	0.053	0.398	-	ND	ND	ND	ND	ND	ND
Fluorene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
m,p-Cresol	mg/L	-	1.9	-	ND	ND	ND	ND	ND	ND
o-Cresol	mg/L	-	1.9	-	ND	ND	ND	ND	ND	ND
Phenanthrene	mg/L	-	0.01	-	ND	ND	ND	ND	ND	ND
Pyrene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Total PNAs except Naphthalene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Benzene	µg/L	-	50	-	0.7	0.7	0.5	1.0	0.7	1.0
Ethylbenzene	µg/L	17	216	-	ND	ND	ND	ND	ND	ND
m,p-Xylenes	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Naphthalene	µg/L	-	670	-	ND	ND	ND	ND	ND	ND
o-Xylene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Toluene	µg/L	70	750	-	ND	ND	ND	ND	ND	ND
Xylenes, Total	µg/L	117	750	-	ND	ND	ND	ND	ND	ND

NA=Not analyzed
ND=Not detected above the project acceptable detection limit
*=Results not available
NS=Not sampled
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
July 2022

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	7/6/2022	7/13/2022	7/20/2022	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

NA=Not analyzed
ND=Not detected above the project acceptable detection limit
*=Results not available
NS=Not sampled
#=Analyte found in the method blank at a concentration > acceptable detection limit
H = Holding times exceeded

MGP Pump & Treat System Summary
Taylorville, Illinois
August 2022

DATE	TOTALIZER READING	FLOW	EXTRACTION WELL	Water Level East	Water Level West
Aug-22					
1	305,307,500	76,100	West	56	52
2	305,383,600	96,500	West	56	52
3	305,480,100	70,300	West	56	50
4	305,550,400	115,200	West	56	50
5	305,665,600	67,000	West	56	50
6	305,732,600	87,400	West	56	50
7	305,820,000	63,800	West	56	50
8	305,883,800	95,300	West	56	50
9	305,979,100	61,700	West	56	52
10	306,040,800	34,200	West	56	52
11	306,075,000	105,300	West	56	52
12	306,180,300	86,300	West	56	48
13	306,266,600	96,300	West	56	50
14	306,362,900	84,500	West	56	50
15	306,447,400	75,200	West	56	52
16	306,522,600	72,600	West	56	50
17	306,595,200	55,300	West	56	52
18	306,650,500	65,000	West	56	52
19	306,715,500	126,600	West	56	50
20	306,842,100	75,900	West	56	50
21	306,918,000	62,600	West	56	52
22	306,980,600	73,400	West	56	50
23	307,054,000	62,300	West	56	52
24	307,116,300	43,500	West	56	52
25	307,159,800	101,800	West	56	56
26	307,261,600	65,900	West	54	50
27	307,327,500	82,800	West	54	50
28	307,410,300	108,000	West	54	52
29	307,518,300	69,200	West	54	52
30	307,587,500	64,400	West	54	52
31	307,651,900	37,400	West	54	52
Sep-22	307,689,300				

Flow Data	**Gallons**
For Month	2,381,800
To Pond	0
Below Pond	2,381,800
Average	76,832
Maximum	126,600
Minimum	34,200
Total Through July	1,326,530,492
Total Through Aug	1,328,912,292

Maintenance Summary

Well Cleaning	None	
Vessel	**North**	**South**
Carbon Change	None	None
Cleaned Effluent Backwash Storage	None	None
Back Washed Vessels	None	8/28/2022

Changed Bag Filters	**North**	**Middle**	**South**
	Inoperable	8/2/2022	8/2/2022
	Inoperable	8/9/2022	8/9/2022
	Inoperable	8/16/2022	8/16/2022
	Inoperable	8/23/2022	8/23/2022
	Inoperable	8/30/2022	8/30/2022

Drum Disposal No

NOTES:

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
August 2022

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	8/3/2022	8/10/2022	8/17/2022	8/24/2022	8/31/2022	Average	Maximum
Lab pH		-	-	-	6.94	6.98	6.86	6.89	6.89	6.91	6.98
Iron, Dissolved	mg/L	-	-	-	0.977	0.525	1.100	0.026 J	ND	0.867	1.100
Iron, Total	mg/L	-	-	-	2.39	2.60	2.42	2.63	2.52	2.48	2.60
Acenaphthene	mg/L	-	-	0.42	0.0138	0.0141	0.0166	0.0169	0.0177	0.0140	0.0141
Acenaphthylene	mg/L	-	-	-	0.00370	0.00248	0.00634	0.00683	0.00648	0.0042	0.0063
Anthracene	mg/L	-	-	2.1	0.00366	0.00304	0.00305	0.00329	0.00355	0.00325	0.00366
Benzo(a)anthracene	mg/L	-	-	0.00013	**0.000264**	**0.000154**	**0.000159**	**0.000167**	**0.000158**	**0.000192**	**0.000264**
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	-	-	-	0.000222	0.000122	0.000118	0.000134	0.000145	0.000154	0.000222
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND	ND	ND	NS	NS	ND	ND
Fluoranthene	mg/L	-	-	0.28	0.0031	0.00249	0.00236	0.00235	0.00266	0.00265	0.00310
Fluorene	mg/L	-	-	-	0.00691	0.00811	0.00872	0.00797	0.00951	0.00791	0.00872
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND	ND	ND	NS	NS	ND	ND
m,p-Cresol	mg/L	-	-	0.35	0.0013 J	0.0007 J	ND	0.0011 J	0.00084 J	0.0010 J	0.0013 J
o-Cresol	mg/L	-	-	0.35	0.0119	0.0037 J	0.005 J	0.0112	0.0077 J	0.0069	0.0119
Phenanthrene	mg/L	-	-	-	0.0161	0.0147	0.0142	0.0155	0.0181	0.0150	0.0161
Pyrene	mg/L	-	-	-	0.00403	0.0031	0.00312	0.00300	0.00328	0.00342	0.00403
Total PNAs except Naphthalene	mg/L	-	-	-	0.0518	0.0484	0.0542	0.0562	0.0616	0.0515	0.0542
Benzene	µg/L	-	-	5	**299**	**251**	**238**	**220**	**225**	**263**	**299**
Ethylbenzene	µg/L	-	-	700	68.3	49.4	53.2	51.2	52.4	57.0	68.3
m,p-Xylenes	µg/L	-	-	-	55.3	40.4	43.6	45.9	43.4	46.4	55.3
Naphthalene	µg/L	-	-	25	**413**	**284**	**309**	**326**	**315**	**335**	**413**
o-Xylene	µg/L	-	-	-	28.2	21.5	23	23.0	22.6	24.2	28.2
Toluene	µg/L	-	-	1000	186	143	137	137	136	155	186
Xylenes, Total	µg/L	-	-	10000	83.5	61.9	66.6	68.9	66.0	70.7	83.5

NA=Not analyzed
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
E=Value above quantitation range
H = Holding times exceeded

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

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	8/3/2022		8/10/2022		8/17/2022		8/24/2022		8/31/2022		Average	Maximum
Lab pH		-	-	-	6.97		6.99		6.85		6.91		6.89		6.87	6.89
Iron, Dissolved	mg/L	-	-	-	0.021	J	0.0411		ND		0.782		ND		0.0210	0.0210
Iron, Total	mg/L	-	-	-	0.0340	J	0.0566		ND		0.0908		0.0783		0.0677	0.0908
Acenaphthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND
Acenaphthylene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND
Anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND
Benzo(a)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND
Benzo(a)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND
Chrysene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND
Fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND
Fluorene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND
m,p-Cresol	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND
o-Cresol	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND
Phenanthrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND
Pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND
Total PNAs except Naphthalene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND
Benzene	µg/L	-	-	-	42.7		34.3		37.6		36.2		39.4		38.0	42.7
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	-	-	-	2.2		0.9		1.3		1.4		1.3		1.6	2.2
o-Xylene	µg/L	-	-	-	0.3	J	0.1	J	0.1	J	0.1	J	0.1	J	0.2	0.3
Toluene	µg/L	-	-	-	0.1	J	ND		ND		ND		ND		0.1	0.1
Xylenes, Total	µg/L	-	-	-	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
H = Holding times exceeded

Effluent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
August 2022

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	8/3/2022		8/10/2022	8/17/2022	8/24/2022	8/31/2022		Average		Maximum	
Lab pH		-	-	-	6.96		7.05	6.87	6.90	7.01		6.94		7.01	
Iron, Dissolved	mg/L	-	1	-	ND		ND	ND	ND	ND		ND		ND	
Iron, Total	mg/L	2	4	-	ND		ND	ND	ND	0.024	J	0.024	J	0.024	J
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	-	1.3		1.4	1.2	1.2	1.7		1.3		1.4	
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	-	0.3	J	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 2022

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	8/3/2022	8/10/2022	8/17/2022	8/24/2022	8/31/2022	Average	Maximum
Benzene	µg/L	-	-	-	ND	ND	ND	NS	ND	ND	ND
Ethylbenzene	µg/L	-	-	-	ND	ND	ND	NS	ND	ND	ND
m,p-Xylenes	µg/L	-	-	-	ND	ND	ND	NS	ND	ND	ND
Naphthalene	µg/L	-	-	-	ND	ND	ND	NS	ND	ND	ND
o-Xylene	µg/L	-	-	-	ND	ND	ND	NS	ND	ND	ND
Toluene	µg/L	-	-	-	ND	ND	0.2 J	NS	ND	0.2 J	0.2 J
Xylenes, Total	µg/L	-	-	-	ND	ND	ND	NS	ND	ND	ND

NA=Not analyzed
ND=Not detected above the project acceptable detection limit
#=Analyte found in the method blank at a concentration > acceptable detection limit
H = Holding times exceeded

MGP Pump & Treat System Summary
Taylorville, Illinois
September 2022

DATE	TOTALIZER READING	FLOW	EXTRACTION WELL	Water Level East	Water Level West
Sep-22	x100				
1	284,277,500	0	WEST	58	60
2	284,277,500	0	WEST	58	60
3	284,277,500	0	WEST	58	60
4	284,277,500	0	WEST	56	60
5	284,277,500	0	WEST	56	60
6	284,277,500	0	WEST	56	60
7	284,277,500	0	WEST	55	60
8	284,277,500	0	WEST	56	50
9	284,277,500	0	WEST	56	50
10	284,277,500	800	WEST	56	54
11	284,278,300	129,700	WEST	60	42
12	284,408,000	63,700	WEST	56	50
13	284,471,700	96,100	WEST	56	52
14	284,567,800	56,000	WEST	56	50
15	284,623,800	72,600	WEST	56	50
16	284,696,400	119,500	WEST	58	52
17	284,815,900	74,700	WEST	54	50
18	284,890,600	84,300	WEST	56	52
19	284,974,900	98,000	WEST	56	54
20	285,072,900	54,400	WEST	56	54
21	285,127,300	57,900	WEST	56	54
22	285,185,200	46,000	WEST	56	54
23	285,231,200	102,400	WEST	56	56
24	285,333,600	44,800	WEST	56	52
25	285,378,400	70,600	WEST	56	52
26	285,449,000	60,100	WEST	56	54
27	285,509,100	45,500	WEST	56	54
28	285,554,600	32,900	WEST	56	54
29	285,587,500	57,900	WEST	56	54
30	285,645,400	76,400	WEST	56	54
Oct-21	285,721,800				

Flow Data	**Gallons**
For Month	1,444,300
To Pond	0
Below Pond	1,444,300
Average	48,143
Maximum	129,700
Minimum	0
Total Through Aug	1,328,912,292
Total Through Sept	1,330,356,592

Maintenance Summary

Well Cleaning	None		
Vessel	**North**	**South**	
Carbon Change	None	None	
Cleaned Effluent Backwash Storage	None	None	
Back Washed Vessels	9/28/2021		
Changed Bag Filters	**North**	**Middle**	**South**
	Inoperable	9/16/2021	9/16/2021
	Inoperable	9/23/2021	9/23/2021
	Inoperable	9/30/2021	9/30/2021
Drum Disposal	None		

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
September 2022

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	9/7/2022		9/14/2022		9/21/2022		9/28/2022		Average	Maximum	
Lab pH		-	-	-	6.93		6.97		7.03		6.92		6.96	7.03	
Iron, Dissolved	mg/L	-	-	-	1.52		0.866		1.44		1.12		1.24	1.52	
Iron, Total	mg/L	-	-	-	2.34		2.34		2.49		2.47		2.41	2.49	
Acenaphthene	mg/L	-	-	0.42	0.0182		0.0175		0.0167		0.0181		0.0176	0.0182	
Acenaphthylene	mg/L	-	-	-	0.00922		0.0074		0.0088		0.00735		0.00819	0.00922	
Anthracene	mg/L	-	-	2.1	0.00326		0.00331		0.00384		0.00419		0.00365	0.00419	
Benzo(a)anthracene	mg/L	-	-	0.00013	**0.00019**		**0.000179**		**0.000282**		**0.000236**		**0.000222**	**0.000282**	
Benzo(a)pyrene	mg/L	-	-	0.00023	ND		ND		ND		ND		ND	ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		0.000096	J	ND		0.000096	0.000096	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	-	-	-	0.000167		0.000158		0.000233		0.000219		0.000194	0.000233	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
Fluoranthene	mg/L	-	-	0.28	0.00263		0.00265		0.00332		0.0034		0.00300	0.00340	
Fluorene	mg/L	-	-	-	0.00936		0.00833		0.00898		0.00862		0.00882	0.00936	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND	
m,p-Cresol	mg/L	-	-	0.35	0.00067	J	0.00081	J	0.00077	J	0.00085	J	0.00078	0.00085	J
o-Cresol	mg/L	-	-	0.35	0.0039	J	0.0039	J	0.0079	J	0.0037	J	0.0049	0.0079	J
Phenanthrene	mg/L	-	-	-	0.0199		0.0185		0.0192		0.0178		0.0189	0.0199	
Pyrene	mg/L	-	-	-	0.00316		0.0031		0.00404		0.00422		0.00363	0.00422	
Total PNAs except Naphthalene	mg/L	-	-	-	0.0661		0.0611		0.0655		0.0641		0.0642	0.0661	
Benzene	µg/L	-	-	5	**248**		**271**		**236**		**258**		**253**	**271**	
Ethylbenzene	µg/L	-	-	700	50.6		57.7		43.6		54.9		51.7	57.7	
m,p-Xylenes	µg/L	-	-	-	40		46.9		40.1		44.5		42.9	46.9	
Naphthalene	µg/L	-	-	25	**334**		**350**	**B**	**284**	**B**	**310**		**320**	**350**	B
o-Xylene	µg/L	-	-	-	20.6		24.6		19	J	21.8		21.5	24.6	
Toluene	µg/L	-	-	1000	139		152		124		134		137	152	
Xylenes, Total	µg/L	-	-	10000	60.6		71.5		58.7		66.3		64.3	71.5	

NA=Not analyzed
ND=Not detected above the project acceptable detection limit
*=Results not available
NS=Not sampled
#=Analyte found in the method blank at a concentration > acceptable detection limit
J = Estimated concentration
BOLD text indicates exceedance of the groundwater quality standard
B = Analyte present in method blank
E=Value above quantitation range
H = Holding times exceeded

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

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	9/7/2022		9/14/2022		9/21/2022		9/28/2022		Average		Maximum	
Lab pH		-	-	-	6.99		6.92		6.91		6.94		6.94		6.99	
Iron, Dissolved	mg/L	-	-	-	0.053		ND		ND		0.029	J	0.041		0.053	
Iron, Total	mg/L	-	-	-	0.0746		ND		0.051		0.0436		0.056		0.075	
Acenaphthene	mg/L	-	-	-	0.0001	J	ND		ND		ND		0.0001	J	0.0001	J
Acenaphthylene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Benzo(a)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Benzo(a)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Chrysene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Fluorene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
m,p-Cresol	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
o-Cresol	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Phenanthrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Total PNAs except Naphthalene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Benzene	µg/L	-	-	-	65.8		2.0		35.8		44.4		37.0		65.8	
Ethylbenzene	µg/L	-	-	-	ND		ND		ND		ND		ND		ND	
m,p-Xylenes	µg/L	-	-	-	ND		ND		0.7	J	0.4	J	0.6		0.7	J
Naphthalene	µg/L	-	-	-	1.9		ND	B	0.7		1.3		1.3		1.9	
o-Xylene	µg/L	-	-	-	0.4	J	ND		0.4	J	0.3	J	0.4		0.4	
Toluene	µg/L	-	-	-	0.1	J	ND		0.2	J	0.1	J	0.1		0.2	
Xylenes, Total	µg/L	-	-	-	0.4	J	ND		1.1		0.7	J	0.7		1.1	

NA=Not analyzed
ND=Not detected above the project acceptable detection limit
*=Results not available
NS=Not sampled
J=Analyte detected below quantitation limits
B=Analyte found in the method blank at a concentration
E=Value above quantitation range
H = Holding times exceeded

Effluent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
September 2022

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	9/7/2022	9/14/2022		9/21/2022		9/28/2022		Average		Maximum	
Lab pH		-	-	-	7.0	6.87		7.01		6.99		6.97		7.01	
Iron, Dissolved	mg/L	-	1	-	ND	ND		ND		ND		ND		ND	
Iron, Total	mg/L	2	4	-	ND	ND		ND		ND		ND		ND	
Acenaphthene	mg/L	-	0.0608	-	ND	ND		ND		ND		ND		ND	
Acenaphthylene	mg/L	-	-	-	ND	ND		ND		ND		ND		ND	
Anthracene	mg/L	-	0.0023	-	ND	ND		ND		ND		ND		ND	
Benzo(a)anthracene	mg/L	-	0.001	-	ND	ND		ND		ND		ND		ND	
Benzo(a)pyrene	mg/L	-	0.0005	-	ND	ND		ND		ND		ND		ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND	ND		ND		ND		ND		ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND	ND		ND		ND		ND		ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND	ND		ND		ND		ND		ND	
Chrysene	mg/L	-	-	-	ND	ND		ND		ND		ND		ND	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND	ND		ND		ND		ND		ND	
Fluoranthene	mg/L	0.053	0.398	-	ND	ND		ND		ND		ND		ND	
Fluorene	mg/L	-	-	-	ND	ND		ND		ND		ND		ND	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND	ND		ND		ND		ND		ND	
m,p-Cresol	mg/L	-	1.9	-	ND	ND		ND		ND		ND		ND	
o-Cresol	mg/L	-	1.9	-	ND	ND		ND		ND		ND		ND	
Phenanthrene	mg/L	-	0.01	-	ND	ND		ND		ND		ND		ND	
Pyrene	mg/L	-	-	-	ND	ND		ND		ND		ND		ND	
Total PNAs except Naphthalene	mg/L	-	-	-	ND	ND		ND		ND		ND		ND	
Benzene	µg/L	-	50	-	2.6	ND		0.5		ND		1.6		2.6	
Ethylbenzene	µg/L	17	216	-	ND	ND		0.1	J	ND		0.1	J	0.1	J
m,p-Xylenes	µg/L	-	-	-	ND	ND		0.3	J	ND		0.3	J	0.3	J
Naphthalene	µg/L	-	670	-	ND	ND	B	0.5	BJ	ND		0.5	BJ	0.5	BJ
o-Xylene	µg/L	-	-	-	ND	ND		ND		ND		ND		ND	
Toluene	µg/L	70	750	-	ND	ND		ND		ND		ND		ND	
Xylenes, Total	µg/L	117	750	-	ND	ND		0.3	J	ND		0.3	J	0.3	J

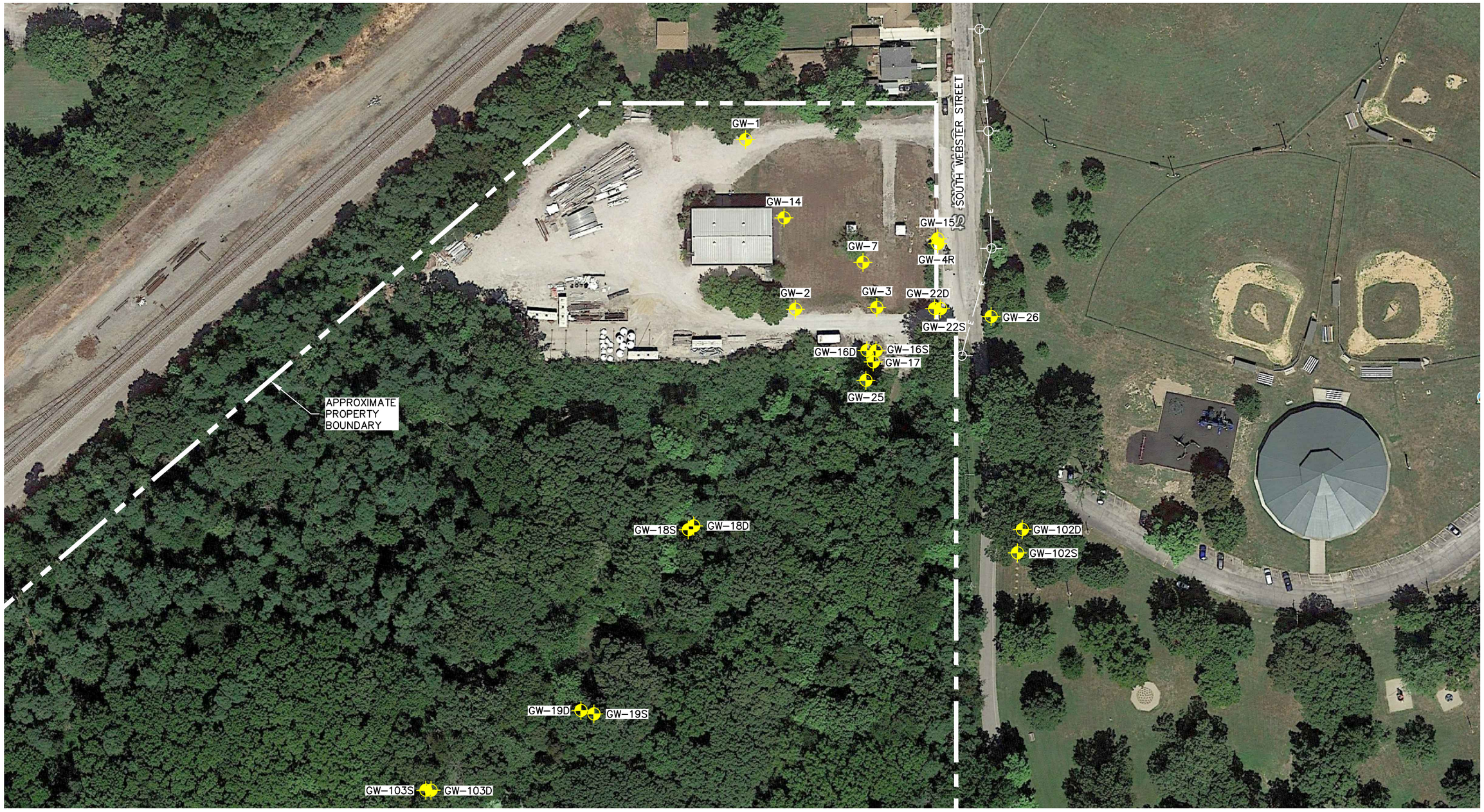
NA=Not analyzed
ND=Not detected above the project acceptable detection limit
*=Results not available
NS=Not sampled
J=Analyte detected below quantitation limits
B=Analyte found in the method blank at a concentration
E=Value above quantitation range
R=RPD outside acceptable recovery limits
SR=Spike recovery outside recovery limits
H = Holding times exceeded

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

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	9/7/2022	9/14/2022	9/21/2022	9/28/2022	Average	Maximum
Benzene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Ethylbenzene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
m,p-Xylenes	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Naphthalene	µg/L	-	-	-	ND	ND B	ND B	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

NA=Not analyzed
ND=Not detected above the project acceptable detection limit
*=Results not available
NS=Not sampled
#=Analyte found in the method blank at a concentration > acceptable detection limit
H = Holding times exceeded

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.

Environmental Resources Management

1701 Golf Road
Suite 1-700
Rolling Meadows, IL 60008
(314) 733-4490
(314) 754-8121 (fax)

September 30, 2022

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

RE: Year 2022 Quarter 3 Groundwater Sampling Results
Former MGP Site – Taylorville, Illinois

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. ERM has been performing quarterly groundwater sampling at the Taylorville site for Ameren since the start of remediation activities.

The results from the third quarter of groundwater sampling in 2022 at the Taylorville site are provided in Attachment A. A summary of the data from 2015 to the present for each monitoring well is presented in Attachment B. The data for the current quarter is generally consistent with what has been observed during past events, in that the highest level of impacts exceeding applicable Remediation Objectives (ROs) as defined by the Illinois Environmental Protection Agency (IEPA) are noted primarily at monitoring well GW-04R. At this location, the naphthalene and benzene concentrations are similar to what has been observed historically. Both of these parameters have concentrations exceeding their applicable ROs. Additionally, concentrations of benzene and naphthalene detected at monitoring well GW-03 continue to exceed their applicable ROs, with the results being consistent and within the same order of magnitude as historical ground water analytical results at this location.

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

Consistent with previous sampling events, polynuclear aromatic hydrocarbons (PAHs) including benzo(a)anthracene, benzo(a)pyrene,

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

Analytical services were provided by Teklab, Inc. and are included in Attachment A.

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) 952-2760.

Sincerely,

Matt Halley, CHMM
Senior Consultant

ATTACHMENT A

ANALYTICAL RESULTS
SEPTEMBER 2022

September 19, 2022

Matt Halley
ERM
68 Villa Grove
Springfield, IL 62712
TEL: (217) 529-0914
FAX:

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

RE: Ameren Taylorville 3rd Qtr 2022 **WorkOrder:** 22090508

Dear Matt Halley:

TEKLAB, INC received 25 samples on 9/8/2022 1:35:00 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: 22090508

Client Project: Ameren Taylorville 3rd Qtr 2022

Report Date: 19-Sep-22

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Client: ERM **Work Order:** 22090508

Client Project: Ameren Taylorville 3rd Qtr 2022 **Report Date:** 19-Sep-22

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

Qualifiers

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

Case Narrative

http://www.teklabinc.com/

Client: ERM

Work Order: 22090508

Client Project: Ameren Taylorville 3rd Qtr 2022

Report Date: 19-Sep-22

Cooler Receipt Temp: 5.9 °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: 22090508

Client Project: Ameren Taylorville 3rd Qtr 2022

Report Date: 19-Sep-22

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

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 22090508
Client Project: Ameren Taylorville 3rd Qtr 2022
Report Date: 19-Sep-22
Lab ID: 22090508-001
Client Sample ID: GW-01
Matrix: GROUNDWATER
Collection Date: 09/08/2022 9:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/15/2022 11:25	196617
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/15/2022 11:25	196617
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	09/15/2022 11:25	196617
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/15/2022 11:25	196617
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	09/15/2022 11:25	196617
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/15/2022 11:25	196617
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/15/2022 11:25	196617
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/15/2022 11:25	196617
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	09/15/2022 11:25	196617
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/15/2022 11:25	196617
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/15/2022 11:25	196617
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	09/15/2022 11:25	196617
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	09/15/2022 11:25	196617
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	09/15/2022 11:25	196617
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	09/15/2022 11:25	196617
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	09/15/2022 11:25	196617
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	09/15/2022 11:25	196617
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	09/15/2022 11:25	196617
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	09/15/2022 11:25	196617
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	09/15/2022 11:25	196617
Surr: 2,4,6-Tribromophenol	*	0	10-179		**98.6**	%REC	1	09/15/2022 11:25	196617
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**83.0**	%REC	1	09/15/2022 11:25	196617
Surr: 2-Fluorophenol	*	0	10-157		**79.0**	%REC	1	09/15/2022 11:25	196617
Surr: Nitrobenzene-d5	*	0	15-163		**87.1**	%REC	1	09/15/2022 11:25	196617
Surr: Phenol-d5	*	0	10-162		**70.8**	%REC	1	09/15/2022 11:25	196617
Surr: p-Terphenyl-d14	*	0	10-173		**114.3**	%REC	1	09/15/2022 11:25	196617

LCSD surrogates are outside of control limits due to lab error.
LCSD recovered outside the lower QC limits due to lab error. LCS and MS/MSD recoveries were within control limits.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	09/09/2022 13:49	196461
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	09/09/2022 13:49	196461
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	09/09/2022 13:49	196461
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	09/09/2022 13:49	196461
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	09/09/2022 13:49	196461
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	09/09/2022 13:49	196461
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	09/09/2022 13:49	196461
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	09/09/2022 13:49	196461
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	09/09/2022 13:49	196461
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	09/09/2022 13:49	196461
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**101.1**	%REC	1	09/09/2022 13:49	196461
Surr: 4-Bromofluorobenzene	*	0	80-120		**100.2**	%REC	1	09/09/2022 13:49	196461
Surr: Dibromofluoromethane	*	0	80-120		**102.5**	%REC	1	09/09/2022 13:49	196461
Surr: Toluene-d8	*	0	80-120		**99.2**	%REC	1	09/09/2022 13:49	196461

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 22090508
Client Project: Ameren Taylorville 3rd Qtr 2022
Report Date: 19-Sep-22
Lab ID: 22090508-002
Client Sample ID: GW-02
Matrix: GROUNDWATER
Collection Date: 09/08/2022 9:00

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	09/15/2022 16:03	196617
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/15/2022 16:03	196617
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	09/15/2022 16:03	196617
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/15/2022 16:03	196617
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	09/15/2022 16:03	196617
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/15/2022 16:03	196617
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/15/2022 16:03	196617
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/15/2022 16:03	196617
Bis(2-ethylhexyl)phthalate	NELAP	0.00715	0.0100	S	**0.0108**	mg/L	5	09/16/2022 11:45	196617
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/15/2022 16:03	196617
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/15/2022 16:03	196617
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	09/15/2022 16:03	196617
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	09/15/2022 16:03	196617
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	09/15/2022 16:03	196617
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	09/15/2022 16:03	196617
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	09/15/2022 16:03	196617
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	09/15/2022 16:03	196617
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	09/15/2022 16:03	196617
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	09/15/2022 16:03	196617
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	09/15/2022 16:03	196617
Surr: 2,4,6-Tribromophenol	*	0	10-179		**98.1**	%REC	1	09/15/2022 16:03	196617
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**86.2**	%REC	1	09/15/2022 16:03	196617
Surr: 2-Fluorophenol	*	0	10-157		**78.1**	%REC	1	09/15/2022 16:03	196617
Surr: Nitrobenzene-d5	*	0	15-163		**86.3**	%REC	1	09/15/2022 16:03	196617
Surr: Phenol-d5	*	0	10-162		**67.7**	%REC	1	09/15/2022 16:03	196617
Surr: p-Terphenyl-d14	*	0	10-173		**117.9**	%REC	1	09/15/2022 16:03	196617

Matrix spike did not recover within control limits due to sample composition.
LCSD surrogates are outside of control limits due to lab error.
LCSD recovered outside the lower QC limits due to lab error. LCS and MS/MSD recoveries were within control limits.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	09/09/2022 9:08	196473
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	09/09/2022 9:08	196473
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	09/09/2022 9:08	196473
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	09/09/2022 9:08	196473
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	09/09/2022 9:08	196473
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	09/09/2022 9:08	196473
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	09/09/2022 9:08	196473
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	09/09/2022 9:08	196473
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	09/09/2022 9:08	196473
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	09/09/2022 9:08	196473
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**97.0**	%REC	1	09/09/2022 9:08	196473
Surr: 4-Bromofluorobenzene	*	0	80-120		**91.5**	%REC	1	09/09/2022 9:08	196473
Surr: Dibromofluoromethane	*	0	80-120		**100.8**	%REC	1	09/09/2022 9:08	196473
Surr: Toluene-d8	*	0	80-120		**98.8**	%REC	1	09/09/2022 9:08	196473

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 22090508
Client Project: Ameren Taylorville 3rd Qtr 2022
Report Date: 19-Sep-22
Lab ID: 22090508-003
Client Sample ID: GW-03
Matrix: GROUNDWATER
Collection Date: 09/08/2022 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		**0.000699**	mg/L	1	09/15/2022 21:59	196617
Acenaphthylene	NELAP	).000050	0.000100		**0.00275**	mg/L	1	09/15/2022 21:59	196617
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	09/15/2022 21:59	196617
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/15/2022 21:59	196617
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	09/15/2022 21:59	196617
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/15/2022 21:59	196617
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/15/2022 21:59	196617
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/15/2022 21:59	196617
Bis(2-ethylhexyl)phthalate	NELAP	0.0014	0.0020	J	**0.0018**	mg/L	1	09/15/2022 21:59	196617
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/15/2022 21:59	196617
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/15/2022 21:59	196617
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	09/15/2022 21:59	196617
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	09/15/2022 21:59	196617
Fluorene	NELAP	).000170	0.000200		**0.00188**	mg/L	1	09/15/2022 21:59	196617
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	09/15/2022 21:59	196617
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	09/15/2022 21:59	196617
Naphthalene	NELAP	0.00850	0.0100		**0.114**	mg/L	25	09/16/2022 14:23	196617
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	09/15/2022 21:59	196617
Phenanthrene	NELAP	).000530	0.000600		**0.00109**	mg/L	1	09/15/2022 21:59	196617
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	09/15/2022 21:59	196617
Surr: 2,4,6-Tribromophenol	*	0	10-179		**96.7**	%REC	1	09/15/2022 21:59	196617
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**72.1**	%REC	1	09/15/2022 21:59	196617
Surr: 2-Fluorophenol	*	0	10-157		**70.4**	%REC	1	09/15/2022 21:59	196617
Surr: Nitrobenzene-d5	*	0	15-163		**70.5**	%REC	1	09/15/2022 21:59	196617
Surr: Phenol-d5	*	0	10-162		**63.5**	%REC	1	09/15/2022 21:59	196617
Surr: p-Terphenyl-d14	*	0	10-173		**105.3**	%REC	1	09/15/2022 21:59	196617

LCSD surrogates are outside of control limits due to lab error.
LCSD recovered outside the lower QC limits due to lab error. LCS and MS/MSD recoveries were within control limits.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**8.58**	µg/L	1	09/09/2022 14:13	196461
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	09/09/2022 14:13	196461
Ethylbenzene	NELAP	0.10	1.00		**9.77**	µg/L	1	09/09/2022 14:13	196461
m,p-Xylenes	NELAP	0.18	1.00		**1.57**	µg/L	1	09/09/2022 14:13	196461
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	09/09/2022 14:13	196461
Naphthalene	NELAP	0.32	2.00		**143**	µg/L	1	09/09/2022 14:13	196461
o-Xylene	NELAP	0.05	1.00		**8.35**	µg/L	1	09/09/2022 14:13	196461
Toluene	NELAP	0.10	2.0	J	**0.74**	µg/L	1	09/09/2022 14:13	196461
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	09/09/2022 14:13	196461
Xylenes, Total	NELAP	0.28	2.00		**9.92**	µg/L	1	09/09/2022 14:13	196461
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**102.1**	%REC	1	09/09/2022 14:13	196461
Surr: 4-Bromofluorobenzene	*	0	80-120		**98.1**	%REC	1	09/09/2022 14:13	196461
Surr: Dibromofluoromethane	*	0	80-120		**102.7**	%REC	1	09/09/2022 14:13	196461
Surr: Toluene-d8	*	0	80-120		**98.7**	%REC	1	09/09/2022 14:13	196461

Laboratory Results

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Client: ERM
Work Order: 22090508
Client Project: Ameren Taylorville 3rd Qtr 2022
Report Date: 19-Sep-22
Lab ID: 22090508-004
Client Sample ID: GW-04R
Matrix: GROUNDWATER
Collection Date: 09/08/2022 8:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.00700	0.0100		**0.0404**	mg/L	100	09/16/2022 15:03	196617
Acenaphthylene	NELAP	).000050	0.000100		**0.00446**	mg/L	1	09/15/2022 22:38	196617
Anthracene	NELAP	).000200	0.000300		**0.000749**	mg/L	1	09/15/2022 22:38	196617
Benzo(a)anthracene	NELAP	).000070	0.00010	J	**0.000090**	mg/L	1	09/15/2022 22:38	196617
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	09/15/2022 22:38	196617
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/15/2022 22:38	196617
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/15/2022 22:38	196617
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/15/2022 22:38	196617
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	09/15/2022 22:38	196617
Chrysene	NELAP	).000050	0.000100		**0.000241**	mg/L	1	09/15/2022 22:38	196617
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/15/2022 22:38	196617
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	09/15/2022 22:38	196617
Fluoranthene	NELAP	).000270	0.000300		**0.00414**	mg/L	1	09/15/2022 22:38	196617
Fluorene	NELAP	0.0170	0.0200		**0.0853**	mg/L	100	09/16/2022 15:03	196617
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	09/15/2022 22:38	196617
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	09/15/2022 22:38	196617
Naphthalene	NELAP	0.340	0.400		**2.80**	mg/L	1000	09/16/2022 18:25	196617
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	09/15/2022 22:38	196617
Phenanthrene	NELAP	0.0530	0.0600		**0.0799**	mg/L	100	09/16/2022 15:03	196617
Pyrene	NELAP	).000180	0.000200		**0.00176**	mg/L	1	09/15/2022 22:38	196617
Surr: 2,4,6-Tribromophenol	*	0	10-179		**102.4**	%REC	1	09/15/2022 22:38	196617
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**65.0**	%REC	100	09/16/2022 15:03	196617
Surr: 2-Fluorophenol	*	0	10-157		**66.6**	%REC	1	09/15/2022 22:38	196617
Surr: Nitrobenzene-d5	*	0	15-163		**70.0**	%REC	100	09/16/2022 15:03	196617
Surr: Phenol-d5	*	0	10-162		**57.0**	%REC	1	09/15/2022 22:38	196617
Surr: p-Terphenyl-d14	*	0	10-173		**99.8**	%REC	1	09/15/2022 22:38	196617

LCSD surrogates are outside of control limits due to lab error.
LCSD recovered outside the lower QC limits due to lab error. LCS and MS/MSD recoveries were within control limits.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.50	5.00		**670**	µg/L	10	09/09/2022 14:37	196461
Bromoform	NELAP	0.91	20.0		**ND**	µg/L	10	09/09/2022 14:37	196461
Ethylbenzene	NELAP	1.00	10.0		**249**	µg/L	10	09/09/2022 14:37	196461
m,p-Xylenes	NELAP	1.80	10.0		**112**	µg/L	10	09/09/2022 14:37	196461
Methylene chloride	NELAP	8.70	20.0		**ND**	µg/L	10	09/09/2022 14:37	196461
Naphthalene	NELAP	16.0	100		**3540**	µg/L	50	09/12/2022 10:37	196528
o-Xylene	NELAP	0.50	10.0		**157**	µg/L	10	09/09/2022 14:37	196461
Toluene	NELAP	1.00	20.0		**104**	µg/L	10	09/09/2022 14:37	196461
trans-1,2-Dichloroethene	NELAP	1.00	20.0		**ND**	µg/L	10	09/09/2022 14:37	196461
Xylenes, Total	NELAP	2.80	20.0		**269**	µg/L	10	09/09/2022 14:37	196461
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**101.7**	%REC	10	09/09/2022 14:37	196461
Surr: 4-Bromofluorobenzene	*	0	80-120		**96.6**	%REC	10	09/09/2022 14:37	196461
Surr: Dibromofluoromethane	*	0	80-120		**102.3**	%REC	10	09/09/2022 14:37	196461
Surr: Toluene-d8	*	0	80-120		**99.1**	%REC	10	09/09/2022 14:37	196461

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

Laboratory Results

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Client: ERM
Work Order: 22090508
Client Project: Ameren Taylorville 3rd Qtr 2022
Report Date: 19-Sep-22
Lab ID: 22090508-005
Client Sample ID: GW-05
Matrix: GROUNDWATER
Collection Date: 09/07/2022 12:30

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	09/14/2022 21:36	196573
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/14/2022 21:36	196573
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	09/14/2022 21:36	196573
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/14/2022 21:36	196573
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	09/14/2022 21:36	196573
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/14/2022 21:36	196573
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/14/2022 21:36	196573
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/14/2022 21:36	196573
Bis(2-ethylhexyl)phthalate	NELAP	0.0014	0.0020	J	**0.0017**	mg/L	1	09/14/2022 21:36	196573
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/14/2022 21:36	196573
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/14/2022 21:36	196573
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	09/14/2022 21:36	196573
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	09/14/2022 21:36	196573
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	09/14/2022 21:36	196573
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	09/14/2022 21:36	196573
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	09/14/2022 21:36	196573
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	09/14/2022 21:36	196573
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	09/14/2022 21:36	196573
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	09/14/2022 21:36	196573
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	09/14/2022 21:36	196573
Surr: 2,4,6-Tribromophenol	*	0	10-179		**77.1**	%REC	1	09/14/2022 21:36	196573
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**64.1**	%REC	1	09/14/2022 21:36	196573
Surr: 2-Fluorophenol	*	0	10-157		**63.9**	%REC	1	09/14/2022 21:36	196573
Surr: Nitrobenzene-d5	*	0	15-163		**66.4**	%REC	1	09/14/2022 21:36	196573
Surr: Phenol-d5	*	0	10-162		**61.7**	%REC	1	09/14/2022 21:36	196573
Surr: p-Terphenyl-d14	*	0	10-173		**94.7**	%REC	1	09/14/2022 21:36	196573
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	09/09/2022 15:01	196461
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	09/09/2022 15:01	196461
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	09/09/2022 15:01	196461
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	09/09/2022 15:01	196461
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	09/09/2022 15:01	196461
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	09/12/2022 9:24	196528
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	09/09/2022 15:01	196461
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	09/09/2022 15:01	196461
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	09/09/2022 15:01	196461
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	09/09/2022 15:01	196461
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**100.8**	%REC	1	09/09/2022 15:01	196461
Surr: 4-Bromofluorobenzene	*	0	80-120		**100.5**	%REC	1	09/09/2022 15:01	196461
Surr: Dibromofluoromethane	*	0	80-120		**102.5**	%REC	1	09/09/2022 15:01	196461
Surr: Toluene-d8	*	0	80-120		**99.0**	%REC	1	09/09/2022 15:01	196461

Laboratory Results

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Client: ERM
Work Order: 22090508
Client Project: Ameren Taylorville 3rd Qtr 2022
Report Date: 19-Sep-22
Lab ID: 22090508-006
Client Sample ID: GW-07
Matrix: GROUNDWATER
Collection Date: 09/07/2022 16:05

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**0.000118**	mg/L	1	09/15/2022 12:05	196617
Acenaphthylene	NELAP	).000050	0.000100		**0.000170**	mg/L	1	09/15/2022 12:05	196617
Anthracene	NELAP	).000200	0.000300		**0.00162**	mg/L	1	09/15/2022 12:05	196617
Benzo(a)anthracene	NELAP	).000070	0.000100		**0.000212**	mg/L	1	09/15/2022 12:05	196617
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	09/15/2022 12:05	196617
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/15/2022 12:05	196617
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/15/2022 12:05	196617
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/15/2022 12:05	196617
Bis(2-ethylhexyl)phthalate	NELAP	0.0014	0.0020	J	**0.0015**	mg/L	1	09/15/2022 12:05	196617
Chrysene	NELAP	).000050	0.000100		**0.000164**	mg/L	1	09/15/2022 12:05	196617
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/15/2022 12:05	196617
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	09/15/2022 12:05	196617
Fluoranthene	NELAP	).000270	0.000300		**0.00154**	mg/L	1	09/15/2022 12:05	196617
Fluorene	NELAP	).000170	0.000200		**0.000331**	mg/L	1	09/15/2022 12:05	196617
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	09/15/2022 12:05	196617
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	09/15/2022 12:05	196617
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	09/15/2022 12:05	196617
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	09/15/2022 12:05	196617
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	09/15/2022 12:05	196617
Pyrene	NELAP	).000180	0.000200		**0.00276**	mg/L	1	09/15/2022 12:05	196617
Surr: 2,4,6-Tribromophenol	*	0	10-179		**111.1**	%REC	1	09/15/2022 12:05	196617
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**78.2**	%REC	1	09/15/2022 12:05	196617
Surr: 2-Fluorophenol	*	0	10-157		**75.9**	%REC	1	09/15/2022 12:05	196617
Surr: Nitrobenzene-d5	*	0	15-163		**76.1**	%REC	1	09/15/2022 12:05	196617
Surr: Phenol-d5	*	0	10-162		**67.6**	%REC	1	09/15/2022 12:05	196617
Surr: p-Terphenyl-d14	*	0	10-173		**116.2**	%REC	1	09/15/2022 12:05	196617

LCSD surrogates are outside of control limits due to lab error.
LCSD recovered outside the lower QC limits due to lab error. LCS and MS/MSD recoveries were within control limits.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	09/09/2022 15:26	196461
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	09/09/2022 15:26	196461
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	09/09/2022 15:26	196461
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	09/09/2022 15:26	196461
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	09/09/2022 15:26	196461
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	09/12/2022 9:48	196528
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	09/09/2022 15:26	196461
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	09/09/2022 15:26	196461
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	09/09/2022 15:26	196461
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	09/09/2022 15:26	196461
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**101.4**	%REC	1	09/09/2022 15:26	196461
Surr: 4-Bromofluorobenzene	*	0	80-120		**99.6**	%REC	1	09/09/2022 15:26	196461
Surr: Dibromofluoromethane	*	0	80-120		**102.9**	%REC	1	09/09/2022 15:26	196461
Surr: Toluene-d8	*	0	80-120		**98.7**	%REC	1	09/09/2022 15:26	196461

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 22090508
Client Project: Ameren Taylorville 3rd Qtr 2022
Report Date: 19-Sep-22
Lab ID: 22090508-007
Client Sample ID: GW-14
Matrix: GROUNDWATER
Collection Date: 09/07/2022 14:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/15/2022 20:01	196617
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/15/2022 20:01	196617
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	09/15/2022 20:01	196617
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/15/2022 20:01	196617
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	09/15/2022 20:01	196617
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/15/2022 20:01	196617
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/15/2022 20:01	196617
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/15/2022 20:01	196617
Bis(2-ethylhexyl)phthalate	NELAP	0.00286	0.00400	S	**0.00578**	mg/L	2	09/16/2022 16:25	196617
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/15/2022 20:01	196617
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/15/2022 20:01	196617
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	09/15/2022 20:01	196617
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	09/15/2022 20:01	196617
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	09/15/2022 20:01	196617
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	09/15/2022 20:01	196617
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	09/15/2022 20:01	196617
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	09/15/2022 20:01	196617
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	09/15/2022 20:01	196617
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	09/15/2022 20:01	196617
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	09/15/2022 20:01	196617
Surr: 2,4,6-Tribromophenol	*	0	10-179		**93.8**	%REC	1	09/15/2022 20:01	196617
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**74.5**	%REC	1	09/15/2022 20:01	196617
Surr: 2-Fluorophenol	*	0	10-157		**69.2**	%REC	1	09/15/2022 20:01	196617
Surr: Nitrobenzene-d5	*	0	15-163		**71.8**	%REC	1	09/15/2022 20:01	196617
Surr: Phenol-d5	*	0	10-162		**64.9**	%REC	1	09/15/2022 20:01	196617
Surr: p-Terphenyl-d14	*	0	10-173		**100.9**	%REC	1	09/15/2022 20:01	196617

Matrix spike did not recover within control limits due to sample composition.
LCSD surrogates are outside of control limits due to lab error.
LCSD recovered outside the lower QC limits due to lab error. LCS and MS/MSD recoveries were within control limits.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	09/09/2022 23:55	196516
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	09/09/2022 23:55	196516
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	09/09/2022 23:55	196516
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	09/09/2022 23:55	196516
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	09/09/2022 23:55	196516
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	09/09/2022 23:55	196516
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	09/09/2022 23:55	196516
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	09/09/2022 23:55	196516
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	09/09/2022 23:55	196516
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	09/09/2022 23:55	196516
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**99.3**	%REC	1	09/09/2022 23:55	196516
Surr: 4-Bromofluorobenzene	*	0	80-120		**100.2**	%REC	1	09/09/2022 23:55	196516
Surr: Dibromofluoromethane	*	0	80-120		**102.0**	%REC	1	09/09/2022 23:55	196516
Surr: Toluene-d8	*	0	80-120		**99.6**	%REC	1	09/09/2022 23:55	196516

Laboratory Results

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Client: ERM
Work Order: 22090508
Client Project: Ameren Taylorville 3rd Qtr 2022
Report Date: 19-Sep-22
Lab ID: 22090508-008
Client Sample ID: GW-15
Matrix: GROUNDWATER
Collection Date: 09/08/2022 10:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/15/2022 23:17	196617
Acenaphthylene	NELAP	).000050	0.00010	J	**0.000077**	mg/L	1	09/15/2022 23:17	196617
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	09/15/2022 23:17	196617
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/15/2022 23:17	196617
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	09/15/2022 23:17	196617
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/15/2022 23:17	196617
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/15/2022 23:17	196617
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/15/2022 23:17	196617
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	09/15/2022 23:17	196617
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/15/2022 23:17	196617
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/15/2022 23:17	196617
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	09/15/2022 23:17	196617
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	09/15/2022 23:17	196617
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	09/15/2022 23:17	196617
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	09/15/2022 23:17	196617
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	09/15/2022 23:17	196617
Naphthalene	NELAP	).000340	0.000400		**0.00366**	mg/L	1	09/16/2022 13:44	196617
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	09/15/2022 23:17	196617
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	09/15/2022 23:17	196617
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	09/15/2022 23:17	196617
Surr: 2,4,6-Tribromophenol	*	0	10-179		**102.6**	%REC	1	09/15/2022 23:17	196617
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**85.1**	%REC	1	09/15/2022 23:17	196617
Surr: 2-Fluorophenol	*	0	10-157		**63.6**	%REC	1	09/15/2022 23:17	196617
Surr: Nitrobenzene-d5	*	0	15-163		**82.1**	%REC	1	09/15/2022 23:17	196617
Surr: Phenol-d5	*	0	10-162		**56.6**	%REC	1	09/15/2022 23:17	196617
Surr: p-Terphenyl-d14	*	0	10-173		**108.6**	%REC	1	09/15/2022 23:17	196617

LCSD surrogates are outside of control limits due to lab error.
LCSD recovered outside the lower QC limits due to lab error. LCS and MS/MSD recoveries were within control limits.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	09/09/2022 10:27	196473
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	09/09/2022 10:27	196473
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	09/09/2022 10:27	196473
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	09/09/2022 10:27	196473
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	09/09/2022 10:27	196473
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	09/09/2022 10:27	196473
o-Xylene	NELAP	0.05	1.0	J	**0.11**	µg/L	1	09/09/2022 10:27	196473
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	09/09/2022 10:27	196473
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	09/09/2022 10:27	196473
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	09/09/2022 10:27	196473
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**95.7**	%REC	1	09/09/2022 10:27	196473
Surr: 4-Bromofluorobenzene	*	0	80-120		**93.0**	%REC	1	09/09/2022 10:27	196473
Surr: Dibromofluoromethane	*	0	80-120		**100.9**	%REC	1	09/09/2022 10:27	196473
Surr: Toluene-d8	*	0	80-120		**99.4**	%REC	1	09/09/2022 10:27	196473

Laboratory Results

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Client: ERM
Work Order: 22090508
Client Project: Ameren Taylorville 3rd Qtr 2022
Report Date: 19-Sep-22
Lab ID: 22090508-009
Client Sample ID: GW-16S
Matrix: GROUNDWATER
Collection Date: 09/06/2022 14:15

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/14/2022 10:57	196573
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/14/2022 10:57	196573
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	09/14/2022 10:57	196573
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/14/2022 10:57	196573
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	09/14/2022 10:57	196573
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/14/2022 10:57	196573
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/14/2022 10:57	196573
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/14/2022 10:57	196573
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**0.00240**	mg/L	1	09/14/2022 10:57	196573
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/14/2022 10:57	196573
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/14/2022 10:57	196573
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	09/14/2022 10:57	196573
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	09/14/2022 10:57	196573
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	09/14/2022 10:57	196573
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	09/14/2022 10:57	196573
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	09/14/2022 10:57	196573
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	09/14/2022 10:57	196573
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	09/14/2022 10:57	196573
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	09/14/2022 10:57	196573
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	09/14/2022 10:57	196573
Surr: 2,4,6-Tribromophenol	*	0	10-179		**82.6**	%REC	1	09/14/2022 10:57	196573
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**66.8**	%REC	1	09/14/2022 10:57	196573
Surr: 2-Fluorophenol	*	0	10-157		**69.6**	%REC	1	09/14/2022 10:57	196573
Surr: Nitrobenzene-d5	*	0	15-163		**70.4**	%REC	1	09/14/2022 10:57	196573
Surr: Phenol-d5	*	0	10-162		**63.6**	%REC	1	09/14/2022 10:57	196573
Surr: p-Terphenyl-d14	*	0	10-173		**97.3**	%REC	1	09/14/2022 10:57	196573
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	09/09/2022 10:54	196473
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	09/09/2022 10:54	196473
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	09/09/2022 10:54	196473
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	09/09/2022 10:54	196473
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	09/09/2022 10:54	196473
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	09/09/2022 10:54	196473
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	09/09/2022 10:54	196473
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	09/09/2022 10:54	196473
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	09/09/2022 10:54	196473
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	09/09/2022 10:54	196473
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**97.9**	%REC	1	09/09/2022 10:54	196473
Surr: 4-Bromofluorobenzene	*	0	80-120		**92.7**	%REC	1	09/09/2022 10:54	196473
Surr: Dibromofluoromethane	*	0	80-120		**102.0**	%REC	1	09/09/2022 10:54	196473
Surr: Toluene-d8	*	0	80-120		**98.6**	%REC	1	09/09/2022 10:54	196473

Laboratory Results

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Client: ERM
Work Order: 22090508
Client Project: Ameren Taylorville 3rd Qtr 2022
Report Date: 19-Sep-22
Lab ID: 22090508-010
Client Sample ID: GW-16D
Matrix: GROUNDWATER
Collection Date: 09/06/2022 13:40

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	09/14/2022 11:37	196573
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/14/2022 11:37	196573
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	09/14/2022 11:37	196573
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/14/2022 11:37	196573
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	09/14/2022 11:37	196573
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/14/2022 11:37	196573
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/14/2022 11:37	196573
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/14/2022 11:37	196573
Bis(2-ethylhexyl)phthalate	NELAP	0.0014	0.0020	J	**0.0017**	mg/L	1	09/14/2022 11:37	196573
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/14/2022 11:37	196573
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/14/2022 11:37	196573
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	09/14/2022 11:37	196573
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	09/14/2022 11:37	196573
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	09/14/2022 11:37	196573
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	09/14/2022 11:37	196573
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	09/14/2022 11:37	196573
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	09/14/2022 11:37	196573
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	09/14/2022 11:37	196573
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	09/14/2022 11:37	196573
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	09/14/2022 11:37	196573
Surr: 2,4,6-Tribromophenol	*	0	10-179		**76.2**	%REC	1	09/14/2022 11:37	196573
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**63.4**	%REC	1	09/14/2022 11:37	196573
Surr: 2-Fluorophenol	*	0	10-157		**63.3**	%REC	1	09/14/2022 11:37	196573
Surr: Nitrobenzene-d5	*	0	15-163		**65.5**	%REC	1	09/14/2022 11:37	196573
Surr: Phenol-d5	*	0	10-162		**58.9**	%REC	1	09/14/2022 11:37	196573
Surr: p-Terphenyl-d14	*	0	10-173		**86.1**	%REC	1	09/14/2022 11:37	196573
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**0.52**	µg/L	1	09/09/2022 11:20	196473
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	09/09/2022 11:20	196473
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	09/09/2022 11:20	196473
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	09/09/2022 11:20	196473
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	09/09/2022 11:20	196473
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	09/09/2022 11:20	196473
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	09/09/2022 11:20	196473
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	09/09/2022 11:20	196473
trans-1,2-Dichloroethene	NELAP	0.10	2.0	J	**0.10**	µg/L	1	09/09/2022 11:20	196473
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	09/09/2022 11:20	196473
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**98.1**	%REC	1	09/09/2022 11:20	196473
Surr: 4-Bromofluorobenzene	*	0	80-120		**92.0**	%REC	1	09/09/2022 11:20	196473
Surr: Dibromofluoromethane	*	0	80-120		**100.9**	%REC	1	09/09/2022 11:20	196473
Surr: Toluene-d8	*	0	80-120		**100.3**	%REC	1	09/09/2022 11:20	196473

Laboratory Results

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Client: ERM
Work Order: 22090508
Client Project: Ameren Taylorville 3rd Qtr 2022
Report Date: 19-Sep-22
Lab ID: 22090508-011
Client Sample ID: GW-17
Matrix: GROUNDWATER
Collection Date: 09/06/2022 14:45

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/14/2022 12:16	196573
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/14/2022 12:16	196573
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	09/14/2022 12:16	196573
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/14/2022 12:16	196573
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	09/14/2022 12:16	196573
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/14/2022 12:16	196573
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/14/2022 12:16	196573
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/14/2022 12:16	196573
Bis(2-ethylhexyl)phthalate	NELAP	0.00286	0.00400		**0.00752**	mg/L	2	09/15/2022 23:57	196573
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/14/2022 12:16	196573
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/14/2022 12:16	196573
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	09/14/2022 12:16	196573
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	09/14/2022 12:16	196573
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	09/14/2022 12:16	196573
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	09/14/2022 12:16	196573
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	09/14/2022 12:16	196573
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	09/14/2022 12:16	196573
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	09/14/2022 12:16	196573
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	09/14/2022 12:16	196573
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	09/14/2022 12:16	196573
Surr: 2,4,6-Tribromophenol	*	0	10-179		**91.6**	%REC	1	09/14/2022 12:16	196573
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**76.6**	%REC	1	09/14/2022 12:16	196573
Surr: 2-Fluorophenol	*	0	10-157		**75.2**	%REC	1	09/14/2022 12:16	196573
Surr: Nitrobenzene-d5	*	0	15-163		**80.7**	%REC	1	09/14/2022 12:16	196573
Surr: Phenol-d5	*	0	10-162		**69.9**	%REC	1	09/14/2022 12:16	196573
Surr: p-Terphenyl-d14	*	0	10-173		**101.0**	%REC	1	09/14/2022 12:16	196573
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	09/09/2022 11:46	196473
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	09/09/2022 11:46	196473
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	09/09/2022 11:46	196473
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	09/09/2022 11:46	196473
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	09/09/2022 11:46	196473
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	09/09/2022 11:46	196473
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	09/09/2022 11:46	196473
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	09/09/2022 11:46	196473
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	09/09/2022 11:46	196473
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	09/09/2022 11:46	196473
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**97.5**	%REC	1	09/09/2022 11:46	196473
Surr: 4-Bromofluorobenzene	*	0	80-120		**92.7**	%REC	1	09/09/2022 11:46	196473
Surr: Dibromofluoromethane	*	0	80-120		**102.9**	%REC	1	09/09/2022 11:46	196473
Surr: Toluene-d8	*	0	80-120		**98.5**	%REC	1	09/09/2022 11:46	196473

Laboratory Results

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Client: ERM
Work Order: 22090508
Client Project: Ameren Taylorville 3rd Qtr 2022
Report Date: 19-Sep-22
Lab ID: 22090508-012
Client Sample ID: GW-18S
Matrix: GROUNDWATER
Collection Date: 09/07/2022 11:15

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/14/2022 14:56	196573
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/14/2022 14:56	196573
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	09/14/2022 14:56	196573
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/14/2022 14:56	196573
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	09/14/2022 14:56	196573
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/14/2022 14:56	196573
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/14/2022 14:56	196573
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/14/2022 14:56	196573
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**0.00228**	mg/L	1	09/14/2022 14:56	196573
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/14/2022 14:56	196573
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/14/2022 14:56	196573
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	09/14/2022 14:56	196573
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	09/14/2022 14:56	196573
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	09/14/2022 14:56	196573
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	09/14/2022 14:56	196573
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	09/14/2022 14:56	196573
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	09/14/2022 14:56	196573
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	09/14/2022 14:56	196573
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	09/14/2022 14:56	196573
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	09/14/2022 14:56	196573
Surr: 2,4,6-Tribromophenol	*	0	10-179		**65.8**	%REC	1	09/14/2022 14:56	196573
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**49.5**	%REC	1	09/14/2022 14:56	196573
Surr: 2-Fluorophenol	*	0	10-157		**52.6**	%REC	1	09/14/2022 14:56	196573
Surr: Nitrobenzene-d5	*	0	15-163		**53.2**	%REC	1	09/14/2022 14:56	196573
Surr: Phenol-d5	*	0	10-162		**48.2**	%REC	1	09/14/2022 14:56	196573
Surr: p-Terphenyl-d14	*	0	10-173		**79.0**	%REC	1	09/14/2022 14:56	196573
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	09/09/2022 12:12	196473
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	09/09/2022 12:12	196473
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	09/09/2022 12:12	196473
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	09/09/2022 12:12	196473
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	09/09/2022 12:12	196473
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	09/09/2022 12:12	196473
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	09/09/2022 12:12	196473
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	09/09/2022 12:12	196473
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	09/09/2022 12:12	196473
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	09/09/2022 12:12	196473
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**96.3**	%REC	1	09/09/2022 12:12	196473
Surr: 4-Bromofluorobenzene	*	0	80-120		**92.9**	%REC	1	09/09/2022 12:12	196473
Surr: Dibromofluoromethane	*	0	80-120		**101.6**	%REC	1	09/09/2022 12:12	196473
Surr: Toluene-d8	*	0	80-120		**99.2**	%REC	1	09/09/2022 12:12	196473

Laboratory Results

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Client: ERM
Work Order: 22090508
Client Project: Ameren Taylorville 3rd Qtr 2022
Report Date: 19-Sep-22
Lab ID: 22090508-013
Client Sample ID: GW-18D
Matrix: GROUNDWATER
Collection Date: 09/07/2022 10:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/14/2022 15:36	196573
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/14/2022 15:36	196573
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	09/14/2022 15:36	196573
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/14/2022 15:36	196573
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	09/14/2022 15:36	196573
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/14/2022 15:36	196573
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/14/2022 15:36	196573
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/14/2022 15:36	196573
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**0.00284**	mg/L	1	09/14/2022 15:36	196573
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/14/2022 15:36	196573
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/14/2022 15:36	196573
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	09/14/2022 15:36	196573
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	09/14/2022 15:36	196573
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	09/14/2022 15:36	196573
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	09/14/2022 15:36	196573
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	09/14/2022 15:36	196573
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	09/14/2022 15:36	196573
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	09/14/2022 15:36	196573
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	09/14/2022 15:36	196573
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	09/14/2022 15:36	196573
Surr: 2,4,6-Tribromophenol	*	0	10-179		**97.3**	%REC	1	09/14/2022 15:36	196573
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**81.0**	%REC	1	09/14/2022 15:36	196573
Surr: 2-Fluorophenol	*	0	10-157		**82.6**	%REC	1	09/14/2022 15:36	196573
Surr: Nitrobenzene-d5	*	0	15-163		**86.8**	%REC	1	09/14/2022 15:36	196573
Surr: Phenol-d5	*	0	10-162		**73.8**	%REC	1	09/14/2022 15:36	196573
Surr: p-Terphenyl-d14	*	0	10-173		**115.8**	%REC	1	09/14/2022 15:36	196573
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	09/09/2022 12:39	196473
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	09/09/2022 12:39	196473
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	09/09/2022 12:39	196473
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	09/09/2022 12:39	196473
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	09/09/2022 12:39	196473
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	09/09/2022 12:39	196473
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	09/09/2022 12:39	196473
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	09/09/2022 12:39	196473
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	09/09/2022 12:39	196473
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	09/09/2022 12:39	196473
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**97.0**	%REC	1	09/09/2022 12:39	196473
Surr: 4-Bromofluorobenzene	*	0	80-120		**95.6**	%REC	1	09/09/2022 12:39	196473
Surr: Dibromofluoromethane	*	0	80-120		**102.9**	%REC	1	09/09/2022 12:39	196473
Surr: Toluene-d8	*	0	80-120		**99.0**	%REC	1	09/09/2022 12:39	196473

Laboratory Results

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Client: ERM
Work Order: 22090508
Client Project: Ameren Taylorville 3rd Qtr 2022
Report Date: 19-Sep-22
Lab ID: 22090508-014
Client Sample ID: GW-19S
Matrix: GROUNDWATER
Collection Date: 09/07/2022 10:00

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	09/14/2022 16:16	196573
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/14/2022 16:16	196573
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	09/14/2022 16:16	196573
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/14/2022 16:16	196573
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	09/14/2022 16:16	196573
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/14/2022 16:16	196573
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/14/2022 16:16	196573
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/14/2022 16:16	196573
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**0.00238**	mg/L	1	09/14/2022 16:16	196573
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/14/2022 16:16	196573
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/14/2022 16:16	196573
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	09/14/2022 16:16	196573
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	09/14/2022 16:16	196573
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	09/14/2022 16:16	196573
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	09/14/2022 16:16	196573
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	09/14/2022 16:16	196573
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	09/14/2022 16:16	196573
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	09/14/2022 16:16	196573
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	09/14/2022 16:16	196573
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	09/14/2022 16:16	196573
Surr: 2,4,6-Tribromophenol	*	0	10-179		**99.0**	%REC	1	09/14/2022 16:16	196573
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**77.1**	%REC	1	09/14/2022 16:16	196573
Surr: 2-Fluorophenol	*	0	10-157		**76.6**	%REC	1	09/14/2022 16:16	196573
Surr: Nitrobenzene-d5	*	0	15-163		**83.9**	%REC	1	09/14/2022 16:16	196573
Surr: Phenol-d5	*	0	10-162		**68.6**	%REC	1	09/14/2022 16:16	196573
Surr: p-Terphenyl-d14	*	0	10-173		**113.8**	%REC	1	09/14/2022 16:16	196573
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	09/09/2022 13:05	196473
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	09/09/2022 13:05	196473
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	09/09/2022 13:05	196473
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	09/09/2022 13:05	196473
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	09/09/2022 13:05	196473
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	09/09/2022 13:05	196473
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	09/09/2022 13:05	196473
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	09/09/2022 13:05	196473
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	09/09/2022 13:05	196473
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	09/09/2022 13:05	196473
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**96.5**	%REC	1	09/09/2022 13:05	196473
Surr: 4-Bromofluorobenzene	*	0	80-120		**92.5**	%REC	1	09/09/2022 13:05	196473
Surr: Dibromofluoromethane	*	0	80-120		**102.1**	%REC	1	09/09/2022 13:05	196473
Surr: Toluene-d8	*	0	80-120		**99.4**	%REC	1	09/09/2022 13:05	196473

Laboratory Results

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Client: ERM
Work Order: 22090508
Client Project: Ameren Taylorville 3rd Qtr 2022
Report Date: 19-Sep-22
Lab ID: 22090508-015
Client Sample ID: GW-19D
Matrix: GROUNDWATER
Collection Date: 09/07/2022 9:40

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	09/14/2022 16:56	196573
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/14/2022 16:56	196573
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	09/14/2022 16:56	196573
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/14/2022 16:56	196573
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	09/14/2022 16:56	196573
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/14/2022 16:56	196573
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/14/2022 16:56	196573
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/14/2022 16:56	196573
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**0.00391**	mg/L	1	09/14/2022 16:56	196573
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/14/2022 16:56	196573
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/14/2022 16:56	196573
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	09/14/2022 16:56	196573
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	09/14/2022 16:56	196573
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	09/14/2022 16:56	196573
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	09/14/2022 16:56	196573
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	09/14/2022 16:56	196573
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	09/14/2022 16:56	196573
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	09/14/2022 16:56	196573
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	09/14/2022 16:56	196573
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	09/14/2022 16:56	196573
Surr: 2,4,6-Tribromophenol	*	0	10-179		**112.9**	%REC	1	09/14/2022 16:56	196573
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**85.0**	%REC	1	09/14/2022 16:56	196573
Surr: 2-Fluorophenol	*	0	10-157		**85.3**	%REC	1	09/14/2022 16:56	196573
Surr: Nitrobenzene-d5	*	0	15-163		**91.1**	%REC	1	09/14/2022 16:56	196573
Surr: Phenol-d5	*	0	10-162		**78.8**	%REC	1	09/14/2022 16:56	196573
Surr: p-Terphenyl-d14	*	0	10-173		**119.6**	%REC	1	09/14/2022 16:56	196573
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	09/09/2022 15:50	196461
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	09/09/2022 15:50	196461
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	09/09/2022 15:50	196461
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	09/09/2022 15:50	196461
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	09/09/2022 15:50	196461
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	09/12/2022 10:12	196528
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	09/09/2022 15:50	196461
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	09/09/2022 15:50	196461
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	09/09/2022 15:50	196461
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	09/09/2022 15:50	196461
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**100.4**	%REC	1	09/09/2022 15:50	196461
Surr: 4-Bromofluorobenzene	*	0	80-120		**99.1**	%REC	1	09/09/2022 15:50	196461
Surr: Dibromofluoromethane	*	0	80-120		**102.5**	%REC	1	09/09/2022 15:50	196461
Surr: Toluene-d8	*	0	80-120		**100.0**	%REC	1	09/09/2022 15:50	196461

Laboratory Results

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Client: ERM
Work Order: 22090508
Client Project: Ameren Taylorville 3rd Qtr 2022
Report Date: 19-Sep-22
Lab ID: 22090508-016
Client Sample ID: GW-20
Matrix: GROUNDWATER
Collection Date: 09/07/2022 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	09/14/2022 17:36	196573
Acenaphthylene	NELAP	).000050	0.000100		**0.000700**	mg/L	1	09/14/2022 17:36	196573
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	09/14/2022 17:36	196573
Benzo(a)anthracene	NELAP	).000070	0.000100		**0.000921**	mg/L	1	09/14/2022 17:36	196573
Benzo(a)pyrene	NELAP	).000110	0.000200		**0.00271**	mg/L	1	09/14/2022 17:36	196573
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**0.00240**	mg/L	1	09/14/2022 17:36	196573
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**0.00283**	mg/L	1	09/14/2022 17:36	196573
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**0.000695**	mg/L	1	09/14/2022 17:36	196573
Bis(2-ethylhexyl)phthalate	NELAP	0.0014	0.0020	J	**0.0016**	mg/L	1	09/14/2022 17:36	196573
Chrysene	NELAP	).000050	0.000100		**0.00118**	mg/L	1	09/14/2022 17:36	196573
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**0.000490**	mg/L	1	09/14/2022 17:36	196573
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	09/14/2022 17:36	196573
Fluoranthene	NELAP	).000270	0.000300		**0.00100**	mg/L	1	09/14/2022 17:36	196573
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	09/14/2022 17:36	196573
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**0.00202**	mg/L	1	09/14/2022 17:36	196573
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	09/14/2022 17:36	196573
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	09/14/2022 17:36	196573
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	09/14/2022 17:36	196573
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	09/14/2022 17:36	196573
Pyrene	NELAP	).000180	0.000200		**0.00197**	mg/L	1	09/14/2022 17:36	196573
Surr: 2,4,6-Tribromophenol	*	0	10-179		**80.3**	%REC	1	09/14/2022 17:36	196573
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**67.2**	%REC	1	09/14/2022 17:36	196573
Surr: 2-Fluorophenol	*	0	10-157		**64.0**	%REC	1	09/14/2022 17:36	196573
Surr: Nitrobenzene-d5	*	0	15-163		**71.2**	%REC	1	09/14/2022 17:36	196573
Surr: Phenol-d5	*	0	10-162		**59.5**	%REC	1	09/14/2022 17:36	196573
Surr: p-Terphenyl-d14	*	0	10-173		**90.4**	%REC	1	09/14/2022 17:36	196573
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	09/09/2022 16:14	196461
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	09/09/2022 16:14	196461
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	09/09/2022 16:14	196461
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	09/09/2022 16:14	196461
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	09/09/2022 16:14	196461
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	09/09/2022 16:14	196461
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	09/09/2022 16:14	196461
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	09/09/2022 16:14	196461
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	09/09/2022 16:14	196461
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	09/09/2022 16:14	196461
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**101.3**	%REC	1	09/09/2022 16:14	196461
Surr: 4-Bromofluorobenzene	*	0	80-120		**99.7**	%REC	1	09/09/2022 16:14	196461
Surr: Dibromofluoromethane	*	0	80-120		**103.2**	%REC	1	09/09/2022 16:14	196461
Surr: Toluene-d8	*	0	80-120		**100.2**	%REC	1	09/09/2022 16:14	196461

Laboratory Results

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Client: ERM
Work Order: 22090508
Client Project: Ameren Taylorville 3rd Qtr 2022
Report Date: 19-Sep-22
Lab ID: 22090508-017
Client Sample ID: GW-21
Matrix: GROUNDWATER
Collection Date: 09/07/2022 13:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/15/2022 10:46	196617
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/15/2022 10:46	196617
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	09/15/2022 10:46	196617
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/15/2022 10:46	196617
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	09/15/2022 10:46	196617
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**0.000109**	mg/L	1	09/15/2022 10:46	196617
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/15/2022 10:46	196617
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/15/2022 10:46	196617
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	09/15/2022 10:46	196617
Chrysene	NELAP	).000050	0.00010	J	**0.000052**	mg/L	1	09/15/2022 10:46	196617
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/15/2022 10:46	196617
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	09/15/2022 10:46	196617
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	09/15/2022 10:46	196617
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	09/15/2022 10:46	196617
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	09/15/2022 10:46	196617
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	09/15/2022 10:46	196617
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	09/15/2022 10:46	196617
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	09/15/2022 10:46	196617
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	09/15/2022 10:46	196617
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	09/15/2022 10:46	196617
Surr: 2,4,6-Tribromophenol	*	0	10-179		**91.0**	%REC	1	09/15/2022 10:46	196617
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**76.1**	%REC	1	09/15/2022 10:46	196617
Surr: 2-Fluorophenol	*	0	10-157		**73.6**	%REC	1	09/15/2022 10:46	196617
Surr: Nitrobenzene-d5	*	0	15-163		**77.8**	%REC	1	09/15/2022 10:46	196617
Surr: Phenol-d5	*	0	10-162		**65.0**	%REC	1	09/15/2022 10:46	196617
Surr: p-Terphenyl-d14	*	0	10-173		**82.6**	%REC	1	09/15/2022 10:46	196617

LCSD surrogates are outside of control limits due to lab error.
LCSD recovered outside the lower QC limits due to lab error. LCS and MS/MSD recoveries were within control limits.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	09/09/2022 16:39	196461
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	09/09/2022 16:39	196461
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	09/09/2022 16:39	196461
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	09/09/2022 16:39	196461
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	09/09/2022 16:39	196461
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	09/09/2022 16:39	196461
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	09/09/2022 16:39	196461
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	09/09/2022 16:39	196461
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	09/09/2022 16:39	196461
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	09/09/2022 16:39	196461
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**101.8**	%REC	1	09/09/2022 16:39	196461
Surr: 4-Bromofluorobenzene	*	0	80-120		**99.0**	%REC	1	09/09/2022 16:39	196461
Surr: Dibromofluoromethane	*	0	80-120		**103.3**	%REC	1	09/09/2022 16:39	196461
Surr: Toluene-d8	*	0	80-120		**98.9**	%REC	1	09/09/2022 16:39	196461

Laboratory Results

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Client: ERM
Work Order: 22090508
Client Project: Ameren Taylorville 3rd Qtr 2022
Report Date: 19-Sep-22
Lab ID: 22090508-018
Client Sample ID: GW-22S
Matrix: GROUNDWATER
Collection Date: 09/07/2022 7:20

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	09/14/2022 18:16	196573
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/14/2022 18:16	196573
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	09/14/2022 18:16	196573
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/14/2022 18:16	196573
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	09/14/2022 18:16	196573
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/14/2022 18:16	196573
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/14/2022 18:16	196573
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/14/2022 18:16	196573
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	09/14/2022 18:16	196573
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/14/2022 18:16	196573
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/14/2022 18:16	196573
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	09/14/2022 18:16	196573
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	09/14/2022 18:16	196573
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	09/14/2022 18:16	196573
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	09/14/2022 18:16	196573
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	09/14/2022 18:16	196573
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	09/14/2022 18:16	196573
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	09/14/2022 18:16	196573
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	09/14/2022 18:16	196573
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	09/14/2022 18:16	196573
Surr: 2,4,6-Tribromophenol	*	0	10-179		**100.8**	%REC	1	09/14/2022 18:16	196573
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**79.0**	%REC	1	09/14/2022 18:16	196573
Surr: 2-Fluorophenol	*	0	10-157		**79.6**	%REC	1	09/14/2022 18:16	196573
Surr: Nitrobenzene-d5	*	0	15-163		**82.5**	%REC	1	09/14/2022 18:16	196573
Surr: Phenol-d5	*	0	10-162		**75.3**	%REC	1	09/14/2022 18:16	196573
Surr: p-Terphenyl-d14	*	0	10-173		**117.4**	%REC	1	09/14/2022 18:16	196573
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	09/09/2022 17:03	196461
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	09/09/2022 17:03	196461
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	09/09/2022 17:03	196461
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	09/09/2022 17:03	196461
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	09/09/2022 17:03	196461
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	09/09/2022 17:03	196461
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	09/09/2022 17:03	196461
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	09/09/2022 17:03	196461
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	09/09/2022 17:03	196461
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	09/09/2022 17:03	196461
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**100.5**	%REC	1	09/09/2022 17:03	196461
Surr: 4-Bromofluorobenzene	*	0	80-120		**100.2**	%REC	1	09/09/2022 17:03	196461
Surr: Dibromofluoromethane	*	0	80-120		**103.0**	%REC	1	09/09/2022 17:03	196461
Surr: Toluene-d8	*	0	80-120		**100.3**	%REC	1	09/09/2022 17:03	196461

Laboratory Results

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Client: ERM
Work Order: 22090508
Client Project: Ameren Taylorville 3rd Qtr 2022
Report Date: 19-Sep-22
Lab ID: 22090508-019
Client Sample ID: GW-22D
Matrix: GROUNDWATER
Collection Date: 09/06/2022 17:50

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	09/14/2022 12:56	196573
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/14/2022 12:56	196573
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	09/14/2022 12:56	196573
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/14/2022 12:56	196573
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	09/14/2022 12:56	196573
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/14/2022 12:56	196573
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/14/2022 12:56	196573
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/14/2022 12:56	196573
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	09/14/2022 12:56	196573
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/14/2022 12:56	196573
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/14/2022 12:56	196573
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	09/14/2022 12:56	196573
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	09/14/2022 12:56	196573
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	09/14/2022 12:56	196573
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	09/14/2022 12:56	196573
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	09/14/2022 12:56	196573
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	09/14/2022 12:56	196573
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	09/14/2022 12:56	196573
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	09/14/2022 12:56	196573
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	09/14/2022 12:56	196573
Surr: 2,4,6-Tribromophenol	*	0	10-179		**75.0**	%REC	1	09/14/2022 12:56	196573
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**67.8**	%REC	1	09/14/2022 12:56	196573
Surr: 2-Fluorophenol	*	0	10-157		**70.1**	%REC	1	09/14/2022 12:56	196573
Surr: Nitrobenzene-d5	*	0	15-163		**69.7**	%REC	1	09/14/2022 12:56	196573
Surr: Phenol-d5	*	0	10-162		**65.0**	%REC	1	09/14/2022 12:56	196573
Surr: p-Terphenyl-d14	*	0	10-173		**94.2**	%REC	1	09/14/2022 12:56	196573
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	09/09/2022 17:27	196461
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	09/09/2022 17:27	196461
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	09/09/2022 17:27	196461
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	09/09/2022 17:27	196461
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	09/09/2022 17:27	196461
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	09/09/2022 17:27	196461
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	09/09/2022 17:27	196461
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	09/09/2022 17:27	196461
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	09/09/2022 17:27	196461
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	09/09/2022 17:27	196461
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**100.8**	%REC	1	09/09/2022 17:27	196461
Surr: 4-Bromofluorobenzene	*	0	80-120		**99.3**	%REC	1	09/09/2022 17:27	196461
Surr: Dibromofluoromethane	*	0	80-120		**101.9**	%REC	1	09/09/2022 17:27	196461
Surr: Toluene-d8	*	0	80-120		**99.4**	%REC	1	09/09/2022 17:27	196461

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 22090508
Client Project: Ameren Taylorville 3rd Qtr 2022
Report Date: 19-Sep-22
Lab ID: 22090508-020
Client Sample ID: GW-18D-Dup
Matrix: GROUNDWATER
Collection Date: 09/07/2022 10:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/14/2022 20:56	196573
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/14/2022 20:56	196573
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	09/14/2022 20:56	196573
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/14/2022 20:56	196573
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	09/14/2022 20:56	196573
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/14/2022 20:56	196573
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/14/2022 20:56	196573
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/14/2022 20:56	196573
Bis(2-ethylhexyl)phthalate	NELAP	0.0014	0.0020	J	**0.0017**	mg/L	1	09/14/2022 20:56	196573
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/14/2022 20:56	196573
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/14/2022 20:56	196573
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	09/14/2022 20:56	196573
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	09/14/2022 20:56	196573
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	09/14/2022 20:56	196573
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	09/14/2022 20:56	196573
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	09/14/2022 20:56	196573
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	09/14/2022 20:56	196573
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	09/14/2022 20:56	196573
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	09/14/2022 20:56	196573
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	09/14/2022 20:56	196573
Surr: 2,4,6-Tribromophenol	*	0	10-179		**94.5**	%REC	1	09/14/2022 20:56	196573
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**77.3**	%REC	1	09/14/2022 20:56	196573
Surr: 2-Fluorophenol	*	0	10-157		**79.6**	%REC	1	09/14/2022 20:56	196573
Surr: Nitrobenzene-d5	*	0	15-163		**80.8**	%REC	1	09/14/2022 20:56	196573
Surr: Phenol-d5	*	0	10-162		**72.4**	%REC	1	09/14/2022 20:56	196573
Surr: p-Terphenyl-d14	*	0	10-173		**112.6**	%REC	1	09/14/2022 20:56	196573
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	09/09/2022 17:52	196461
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	09/09/2022 17:52	196461
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	09/09/2022 17:52	196461
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	09/09/2022 17:52	196461
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	09/09/2022 17:52	196461
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	09/09/2022 17:52	196461
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	09/09/2022 17:52	196461
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	09/09/2022 17:52	196461
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	09/09/2022 17:52	196461
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	09/09/2022 17:52	196461
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**100.6**	%REC	1	09/09/2022 17:52	196461
Surr: 4-Bromofluorobenzene	*	0	80-120		**99.8**	%REC	1	09/09/2022 17:52	196461
Surr: Dibromofluoromethane	*	0	80-120		**102.7**	%REC	1	09/09/2022 17:52	196461
Surr: Toluene-d8	*	0	80-120		**98.9**	%REC	1	09/09/2022 17:52	196461

Laboratory Results

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Client: ERM
Work Order: 22090508
Client Project: Ameren Taylorville 3rd Qtr 2022
Report Date: 19-Sep-22
Lab ID: 22090508-021
Client Sample ID: Field Blank 1
Matrix: GROUNDWATER
Collection Date: 09/08/2022 10:00

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	09/15/2022 14:43	196617
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/15/2022 14:43	196617
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	09/15/2022 14:43	196617
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/15/2022 14:43	196617
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	09/15/2022 14:43	196617
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/15/2022 14:43	196617
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/15/2022 14:43	196617
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/15/2022 14:43	196617
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	09/15/2022 14:43	196617
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/15/2022 14:43	196617
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/15/2022 14:43	196617
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	09/15/2022 14:43	196617
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	09/15/2022 14:43	196617
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	09/15/2022 14:43	196617
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	09/15/2022 14:43	196617
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	09/15/2022 14:43	196617
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	09/15/2022 14:43	196617
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	09/15/2022 14:43	196617
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	09/15/2022 14:43	196617
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	09/15/2022 14:43	196617
Surr: 2,4,6-Tribromophenol	*	0	10-179		**97.1**	%REC	1	09/15/2022 14:43	196617
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**86.8**	%REC	1	09/15/2022 14:43	196617
Surr: 2-Fluorophenol	*	0	10-157		**75.4**	%REC	1	09/15/2022 14:43	196617
Surr: Nitrobenzene-d5	*	0	15-163		**84.9**	%REC	1	09/15/2022 14:43	196617
Surr: Phenol-d5	*	0	10-162		**68.1**	%REC	1	09/15/2022 14:43	196617
Surr: p-Terphenyl-d14	*	0	10-173		**118.9**	%REC	1	09/15/2022 14:43	196617

LCSD surrogates are outside of control limits due to lab error.
LCSD recovered outside the lower QC limits due to lab error. LCS and MS/MSD recoveries were within control limits.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	09/09/2022 10:10	196461
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	09/09/2022 10:10	196461
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	09/09/2022 10:10	196461
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	09/09/2022 10:10	196461
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	09/09/2022 10:10	196461
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	09/09/2022 10:10	196461
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	09/09/2022 10:10	196461
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	09/09/2022 10:10	196461
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	09/09/2022 10:10	196461
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	09/09/2022 10:10	196461
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**100.0**	%REC	1	09/09/2022 10:10	196461
Surr: 4-Bromofluorobenzene	*	0	80-120		**99.5**	%REC	1	09/09/2022 10:10	196461
Surr: Dibromofluoromethane	*	0	80-120		**101.5**	%REC	1	09/09/2022 10:10	196461
Surr: Toluene-d8	*	0	80-120		**100.0**	%REC	1	09/09/2022 10:10	196461

Laboratory Results

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Client: ERM
Work Order: 22090508
Client Project: Ameren Taylorville 3rd Qtr 2022
Report Date: 19-Sep-22
Lab ID: 22090508-022
Client Sample ID: Trip Blank 1
Matrix: TRIP BLANK
Collection Date: 09/08/2022 13:35

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	09/09/2022 10:35	196461
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	09/09/2022 10:35	196461
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	09/09/2022 10:35	196461
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	09/09/2022 10:35	196461
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	09/09/2022 10:35	196461
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	09/09/2022 10:35	196461
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	09/09/2022 10:35	196461
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	09/09/2022 10:35	196461
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	09/09/2022 10:35	196461
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	09/09/2022 10:35	196461
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**99.9**	%REC	1	09/09/2022 10:35	196461
Surr: 4-Bromofluorobenzene	*	0	80-120		**99.7**	%REC	1	09/09/2022 10:35	196461
Surr: Dibromofluoromethane	*	0	80-120		**101.9**	%REC	1	09/09/2022 10:35	196461
Surr: Toluene-d8	*	0	80-120		**99.2**	%REC	1	09/09/2022 10:35	196461

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 22090508
Client Project: Ameren Taylorville 3rd Qtr 2022
Report Date: 19-Sep-22
Lab ID: 22090508-023
Client Sample ID: GW-3-Dup
Matrix: GROUNDWATER
Collection Date: 09/08/2022 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		**0.000717**	mg/L	1	09/15/2022 15:23	196617
Acenaphthylene	NELAP	).000050	0.000100		**0.00276**	mg/L	1	09/15/2022 15:23	196617
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	09/15/2022 15:23	196617
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/15/2022 15:23	196617
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	09/15/2022 15:23	196617
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/15/2022 15:23	196617
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/15/2022 15:23	196617
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/15/2022 15:23	196617
Bis(2-ethylhexyl)phthalate	NELAP	0.0014	0.0020	J	**0.0015**	mg/L	1	09/15/2022 15:23	196617
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/15/2022 15:23	196617
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/15/2022 15:23	196617
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	09/15/2022 15:23	196617
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	09/15/2022 15:23	196617
Fluorene	NELAP	).000170	0.000200		**0.00184**	mg/L	1	09/15/2022 15:23	196617
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	09/15/2022 15:23	196617
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	09/15/2022 15:23	196617
Naphthalene	NELAP	0.0170	0.0200		**0.133**	mg/L	50	09/16/2022 15:43	196617
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	09/15/2022 15:23	196617
Phenanthrene	NELAP	).000530	0.000600		**0.00103**	mg/L	1	09/15/2022 15:23	196617
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	09/15/2022 15:23	196617
Surr: 2,4,6-Tribromophenol	*	0	10-179		**82.2**	%REC	1	09/15/2022 15:23	196617
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**67.2**	%REC	1	09/15/2022 15:23	196617
Surr: 2-Fluorophenol	*	0	10-157		**64.0**	%REC	1	09/15/2022 15:23	196617
Surr: Nitrobenzene-d5	*	0	15-163		**67.8**	%REC	1	09/15/2022 15:23	196617
Surr: Phenol-d5	*	0	10-162		**58.5**	%REC	1	09/15/2022 15:23	196617
Surr: p-Terphenyl-d14	*	0	10-173		**91.2**	%REC	1	09/15/2022 15:23	196617

LCSD surrogates are outside of control limits due to lab error.
LCSD recovered outside the lower QC limits due to lab error. LCS and MS/MSD recoveries were within control limits.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**11.0**	µg/L	1	09/09/2022 18:16	196461
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	09/09/2022 18:16	196461
Ethylbenzene	NELAP	0.10	1.00		**15.0**	µg/L	1	09/09/2022 18:16	196461
m,p-Xylenes	NELAP	0.18	1.00		**2.01**	µg/L	1	09/09/2022 18:16	196461
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	09/09/2022 18:16	196461
Naphthalene	NELAP	0.32	2.00		**192**	µg/L	1	09/09/2022 18:16	196461
o-Xylene	NELAP	0.05	1.00		**11.0**	µg/L	1	09/09/2022 18:16	196461
Toluene	NELAP	0.10	2.0	J	**1.0**	µg/L	1	09/09/2022 18:16	196461
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	09/09/2022 18:16	196461
Xylenes, Total	NELAP	0.28	2.00		**13.0**	µg/L	1	09/09/2022 18:16	196461
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**100.1**	%REC	1	09/09/2022 18:16	196461
Surr: 4-Bromofluorobenzene	*	0	80-120		**99.4**	%REC	1	09/09/2022 18:16	196461
Surr: Dibromofluoromethane	*	0	80-120		**103.2**	%REC	1	09/09/2022 18:16	196461
Surr: Toluene-d8	*	0	80-120		**99.8**	%REC	1	09/09/2022 18:16	196461

Laboratory Results

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Client: ERM
Work Order: 22090508
Client Project: Ameren Taylorville 3rd Qtr 2022
Report Date: 19-Sep-22
Lab ID: 22090508-024
Client Sample ID: GW-25
Matrix: GROUNDWATER
Collection Date: 09/06/2022 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	09/14/2022 13:36	196573
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/14/2022 13:36	196573
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	09/14/2022 13:36	196573
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/14/2022 13:36	196573
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	09/14/2022 13:36	196573
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/14/2022 13:36	196573
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/14/2022 13:36	196573
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/14/2022 13:36	196573
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	09/14/2022 13:36	196573
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/14/2022 13:36	196573
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/14/2022 13:36	196573
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	09/14/2022 13:36	196573
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	09/14/2022 13:36	196573
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	09/14/2022 13:36	196573
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	09/14/2022 13:36	196573
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	09/14/2022 13:36	196573
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	09/14/2022 13:36	196573
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	09/14/2022 13:36	196573
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	09/14/2022 13:36	196573
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	09/14/2022 13:36	196573
Surr: 2,4,6-Tribromophenol	*	0	10-179		**78.0**	%REC	1	09/14/2022 13:36	196573
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**63.6**	%REC	1	09/14/2022 13:36	196573
Surr: 2-Fluorophenol	*	0	10-157		**68.2**	%REC	1	09/14/2022 13:36	196573
Surr: Nitrobenzene-d5	*	0	15-163		**70.1**	%REC	1	09/14/2022 13:36	196573
Surr: Phenol-d5	*	0	10-162		**64.8**	%REC	1	09/14/2022 13:36	196573
Surr: p-Terphenyl-d14	*	0	10-173		**91.4**	%REC	1	09/14/2022 13:36	196573
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	09/09/2022 20:00	196476
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	09/09/2022 20:00	196476
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	09/09/2022 20:00	196476
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	09/09/2022 20:00	196476
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	09/09/2022 20:00	196476
Naphthalene	NELAP	0.32	2.00	B	**ND**	µg/L	1	09/09/2022 20:00	196476
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	09/09/2022 20:00	196476
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	09/09/2022 20:00	196476
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	09/09/2022 20:00	196476
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	09/09/2022 20:00	196476
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**113.1**	%REC	1	09/09/2022 20:00	196476
Surr: 4-Bromofluorobenzene	*	0	80-120		**106.6**	%REC	1	09/09/2022 20:00	196476
Surr: Dibromofluoromethane	*	0	80-120		**100.3**	%REC	1	09/09/2022 20:00	196476
Surr: Toluene-d8	*	0	80-120		**103.8**	%REC	1	09/09/2022 20:00	196476

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

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 22090508
Client Project: Ameren Taylorville 3rd Qtr 2022
Report Date: 19-Sep-22
Lab ID: 22090508-025
Client Sample ID: GW-26
Matrix: GROUNDWATER
Collection Date: 09/06/2022 15:50

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	09/14/2022 14:16	196573
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/14/2022 14:16	196573
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	09/14/2022 14:16	196573
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/14/2022 14:16	196573
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	09/14/2022 14:16	196573
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	09/14/2022 14:16	196573
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/14/2022 14:16	196573
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/14/2022 14:16	196573
Bis(2-ethylhexyl)phthalate	NELAP	0.0014	0.0020	J	**0.0018**	mg/L	1	09/14/2022 14:16	196573
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	09/14/2022 14:16	196573
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	09/14/2022 14:16	196573
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	09/14/2022 14:16	196573
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	09/14/2022 14:16	196573
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	09/14/2022 14:16	196573
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	09/14/2022 14:16	196573
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	09/14/2022 14:16	196573
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	09/14/2022 14:16	196573
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	09/14/2022 14:16	196573
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	09/14/2022 14:16	196573
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	09/14/2022 14:16	196573
Surr: 2,4,6-Tribromophenol	*	0	10-179		**88.0**	%REC	1	09/14/2022 14:16	196573
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**74.0**	%REC	1	09/14/2022 14:16	196573
Surr: 2-Fluorophenol	*	0	10-157		**75.8**	%REC	1	09/14/2022 14:16	196573
Surr: Nitrobenzene-d5	*	0	15-163		**79.7**	%REC	1	09/14/2022 14:16	196573
Surr: Phenol-d5	*	0	10-162		**70.2**	%REC	1	09/14/2022 14:16	196573
Surr: p-Terphenyl-d14	*	0	10-173		**107.4**	%REC	1	09/14/2022 14:16	196573
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	09/09/2022 14:52	196473
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	09/09/2022 14:52	196473
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	09/09/2022 14:52	196473
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	09/09/2022 14:52	196473
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	09/09/2022 14:52	196473
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	09/09/2022 14:52	196473
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	09/09/2022 14:52	196473
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	09/09/2022 14:52	196473
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	09/09/2022 14:52	196473
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	09/09/2022 14:52	196473
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**95.8**	%REC	1	09/09/2022 14:52	196473
Surr: 4-Bromofluorobenzene	*	0	80-120		**94.0**	%REC	1	09/09/2022 14:52	196473
Surr: Dibromofluoromethane	*	0	80-120		**101.1**	%REC	1	09/09/2022 14:52	196473
Surr: Toluene-d8	*	0	80-120		**99.0**	%REC	1	09/09/2022 14:52	196473

Sample Summary

http://www.teklabinc.com/

Client: ERM

Work Order: 22090508

Client Project: Ameren Taylorville 3rd Qtr 2022

Report Date: 19-Sep-22

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
22090508-001	GW-01	Groundwater	2	09/08/2022 9:30
22090508-002	GW-02	Groundwater	2	09/08/2022 9:00
22090508-003	GW-03	Groundwater	2	09/08/2022 8:40
22090508-004	GW-04R	Groundwater	2	09/08/2022 8:10
22090508-005	GW-05	Groundwater	2	09/07/2022 12:30
22090508-006	GW-07	Groundwater	2	09/07/2022 16:05
22090508-007	GW-14	Groundwater	2	09/07/2022 14:20
22090508-008	GW-15	Groundwater	2	09/08/2022 10:50
22090508-009	GW-16S	Groundwater	2	09/06/2022 14:15
22090508-010	GW-16D	Groundwater	2	09/06/2022 13:40
22090508-011	GW-17	Groundwater	2	09/06/2022 14:45
22090508-012	GW-18S	Groundwater	2	09/07/2022 11:15
22090508-013	GW-18D	Groundwater	2	09/07/2022 10:50
22090508-014	GW-19S	Groundwater	2	09/07/2022 10:00
22090508-015	GW-19D	Groundwater	2	09/07/2022 9:40
22090508-016	GW-20	Groundwater	2	09/07/2022 8:00
22090508-017	GW-21	Groundwater	2	09/07/2022 13:00
22090508-018	GW-22S	Groundwater	2	09/07/2022 7:20
22090508-019	GW-22D	Groundwater	2	09/06/2022 17:50
22090508-020	GW-18D-Dup	Groundwater	2	09/07/2022 10:50
22090508-021	Field Blank 1	Groundwater	2	09/08/2022 10:00
22090508-022	Trip Blank 1	Trip Blank	1	09/08/2022 13:35
22090508-023	GW-3-Dup	Groundwater	2	09/08/2022 8:40
22090508-024	GW-25	Groundwater	2	09/06/2022 15:20
22090508-025	GW-26	Groundwater	2	09/06/2022 15:50

Dates Report

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 3rd Qtr 2022

Work Order: 22090508

Report Date: 19-Sep-22

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
22090508-001A	GW-01	09/08/2022 9:30	09/08/2022 13:35		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/14/2022 15:15	09/15/2022 11:25
22090508-001B	GW-01	09/08/2022 9:30	09/08/2022 13:35		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/09/2022 13:49
22090508-002A	GW-02	09/08/2022 9:00	09/08/2022 13:35		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/14/2022 15:15	09/15/2022 16:03
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/14/2022 15:15	09/16/2022 11:45
22090508-002B	GW-02	09/08/2022 9:00	09/08/2022 13:35		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/09/2022 9:08
22090508-003A	GW-03	09/08/2022 8:40	09/08/2022 13:35		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/14/2022 15:15	09/15/2022 21:59
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/14/2022 15:15	09/16/2022 14:23
22090508-003B	GW-03	09/08/2022 8:40	09/08/2022 13:35		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/09/2022 14:13
22090508-004A	GW-04R	09/08/2022 8:10	09/08/2022 13:35		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/14/2022 15:15	09/15/2022 22:38
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/14/2022 15:15	09/16/2022 15:03
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/14/2022 15:15	09/16/2022 18:25
22090508-004B	GW-04R	09/08/2022 8:10	09/08/2022 13:35		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/09/2022 14:37
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/12/2022 10:37
22090508-005A	GW-05	09/07/2022 12:30	09/08/2022 13:35		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/13/2022 12:24	09/14/2022 21:36
22090508-005B	GW-05	09/07/2022 12:30	09/08/2022 13:35		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/09/2022 15:01
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/12/2022 9:24
22090508-006A	GW-07	09/07/2022 16:05	09/08/2022 13:35		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/14/2022 12:20	09/15/2022 12:05
22090508-006B	GW-07	09/07/2022 16:05	09/08/2022 13:35		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/09/2022 15:26
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/12/2022 9:48
22090508-007A	GW-14	09/07/2022 14:20	09/08/2022 13:35		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/14/2022 12:20	09/15/2022 20:01
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/14/2022 12:20	09/16/2022 16:25
22090508-007B	GW-14	09/07/2022 14:20	09/08/2022 13:35		

Dates Report

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 3rd Qtr 2022

Work Order: 22090508

Report Date: 19-Sep-22

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			**Prep Date/Time**	**Analysis Date/Time**
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/09/2022 23:55
22090508-008A	GW-15	09/08/2022 10:50	09/08/2022 13:35		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/14/2022 15:15	09/15/2022 23:17
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/14/2022 15:15	09/16/2022 13:44
22090508-008B	GW-15	09/08/2022 10:50	09/08/2022 13:35		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/09/2022 10:27
22090508-009A	GW-16S	09/06/2022 14:15	09/08/2022 13:35		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/13/2022 12:24	09/14/2022 10:57
22090508-009B	GW-16S	09/06/2022 14:15	09/08/2022 13:35		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/09/2022 10:54
22090508-010A	GW-16D	09/06/2022 13:40	09/08/2022 13:35		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/13/2022 12:24	09/14/2022 11:37
22090508-010B	GW-16D	09/06/2022 13:40	09/08/2022 13:35		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/09/2022 11:20
22090508-011A	GW-17	09/06/2022 14:45	09/08/2022 13:35		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/13/2022 12:24	09/14/2022 12:16
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/13/2022 12:24	09/15/2022 23:57
22090508-011B	GW-17	09/06/2022 14:45	09/08/2022 13:35		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/09/2022 11:46
22090508-012A	GW-18S	09/07/2022 11:15	09/08/2022 13:35		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/13/2022 16:40	09/14/2022 14:56
22090508-012B	GW-18S	09/07/2022 11:15	09/08/2022 13:35		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/09/2022 12:12
22090508-013A	GW-18D	09/07/2022 10:50	09/08/2022 13:35		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/13/2022 16:40	09/14/2022 15:36
22090508-013B	GW-18D	09/07/2022 10:50	09/08/2022 13:35		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/09/2022 12:39
22090508-014A	GW-19S	09/07/2022 10:00	09/08/2022 13:35		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/13/2022 16:40	09/14/2022 16:16
22090508-014B	GW-19S	09/07/2022 10:00	09/08/2022 13:35		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/09/2022 13:05
22090508-015A	GW-19D	09/07/2022 9:40	09/08/2022 13:35		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/13/2022 16:40	09/14/2022 16:56
22090508-015B	GW-19D	09/07/2022 9:40	09/08/2022 13:35		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/09/2022 15:50

Client: ERM **Work Order:** 22090508

Client Project: Ameren Taylorville 3rd Qtr 2022 **Report Date:** 19-Sep-22

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/12/2022 10:12
22090508-016A	GW-20	09/07/2022 8:00	09/08/2022 13:35		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/13/2022 16:40	09/14/2022 17:36
22090508-016B	GW-20	09/07/2022 8:00	09/08/2022 13:35		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/09/2022 16:14
22090508-017A	GW-21	09/07/2022 13:00	09/08/2022 13:35		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/14/2022 12:20	09/15/2022 10:46
22090508-017B	GW-21	09/07/2022 13:00	09/08/2022 13:35		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/09/2022 16:39
22090508-018A	GW-22S	09/07/2022 7:20	09/08/2022 13:35		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/13/2022 16:40	09/14/2022 18:16
22090508-018B	GW-22S	09/07/2022 7:20	09/08/2022 13:35		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/09/2022 17:03
22090508-019A	GW-22D	09/06/2022 17:50	09/08/2022 13:35		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/13/2022 12:24	09/14/2022 12:56
22090508-019B	GW-22D	09/06/2022 17:50	09/08/2022 13:35		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/09/2022 17:27
22090508-020A	GW-18D-Dup	09/07/2022 10:50	09/08/2022 13:35		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/13/2022 16:40	09/14/2022 20:56
22090508-020B	GW-18D-Dup	09/07/2022 10:50	09/08/2022 13:35		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/09/2022 17:52
22090508-021A	Field Blank 1	09/08/2022 10:00	09/08/2022 13:35		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/14/2022 15:15	09/15/2022 14:43
22090508-021B	Field Blank 1	09/08/2022 10:00	09/08/2022 13:35		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/09/2022 10:10
22090508-022A	Trip Blank 1	09/08/2022 13:35	09/08/2022 13:35		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/09/2022 10:35
22090508-023A	GW-3-Dup	09/08/2022 8:40	09/08/2022 13:35		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/14/2022 17:11	09/15/2022 15:23
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/14/2022 17:11	09/16/2022 15:43
22090508-023B	GW-3-Dup	09/08/2022 8:40	09/08/2022 13:35		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/09/2022 18:16
22090508-024A	GW-25	09/06/2022 15:20	09/08/2022 13:35		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/13/2022 12:24	09/14/2022 13:36
22090508-024B	GW-25	09/06/2022 15:20	09/08/2022 13:35		

Dates Report

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Client: ERM

Client Project: Ameren Taylorville 3rd Qtr 2022

Work Order: 22090508

Report Date: 19-Sep-22

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			**Prep Date/Time**	**Analysis Date/Time**
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/09/2022 20:00
22090508-025A	GW-26	09/06/2022 15:50	09/08/2022 13:35		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			09/13/2022 12:24	09/14/2022 14:16
22090508-025B	GW-26	09/06/2022 15:50	09/08/2022 13:35		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/09/2022 14:52

Client: ERM **Work Order:** 22090508

Client Project: Ameren Taylorville 3rd Qtr 2022 **Report Date:** 19-Sep-22

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

Batch **196573** **SampType:** **MBLK** Units **mg/L**

SampID: MBLK-196573

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**ND**						09/14/2022
Acenaphthylene		0.000100		**ND**						09/14/2022
Anthracene		0.000300		**ND**						09/14/2022
Benzo(a)anthracene		0.000100		**ND**						09/14/2022
Benzo(a)pyrene		0.000200		**ND**						09/14/2022
Benzo(b)fluoranthene		0.000100		**ND**						09/14/2022
Benzo(g,h,i)perylene		0.000200		**ND**						09/14/2022
Benzo(k)fluoranthene		0.000100		**ND**						09/14/2022
Bis(2-ethylhexyl)phthalate		0.00600		**ND**						09/14/2022
Chrysene		0.000100		**ND**						09/14/2022
Dibenzo(a,h)anthracene		0.000200		**ND**						09/14/2022
Di-n-butyl phthalate		0.0100		**ND**						09/14/2022
Fluoranthene		0.000300		**ND**						09/14/2022
Fluorene		0.000200		**ND**						09/14/2022
Indeno(1,2,3-cd)pyrene		0.000200		**ND**						09/14/2022
m,p-Cresol		0.0100		**ND**						09/14/2022
Naphthalene		0.000400		**ND**						09/14/2022
o-Cresol		0.0100		**ND**						09/14/2022
Phenanthrene		0.000600		**ND**						09/14/2022
Pyrene		0.000200		**ND**						09/14/2022
Surr: 2,4,6-Tribromophenol	*			**0.00163**	0.0020		81.3	30.7	141	09/14/2022
Surr: 2-Fluorobiphenyl	*			**0.000681**	0.0010		68.1	46.8	109	09/14/2022
Surr: 2-Fluorophenol	*			**0.00150**	0.0020		74.9	31.3	118	09/14/2022
Surr: Nitrobenzene-d5	*			**0.000740**	0.0010		74.0	47.7	107	09/14/2022
Surr: Phenol-d5	*			**0.00141**	0.0020		70.4	27.8	98.8	09/14/2022
Surr: p-Terphenyl-d14	*			**0.00100**	0.0010		100.5	45.9	137	09/14/2022

Client: ERM **Work Order:** 22090508

Client Project: Ameren Taylorville 3rd Qtr 2022 **Report Date:** 19-Sep-22

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

Batch **196573** **SampType:** **LCS** Units **mg/L**

SampID: LCS-196573

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**0.00144**	0.0020	0	72.2	57.9	107	09/14/2022
Acenaphthylene		0.000100		**0.00156**	0.0020	0	78.1	56.1	114	09/14/2022
Anthracene		0.000300		**0.00163**	0.0020	0	81.3	59.4	111	09/14/2022
Benzo(a)anthracene		0.000100		**0.00163**	0.0020	0	81.5	59.1	113	09/14/2022
Benzo(a)pyrene		0.000200		**0.00158**	0.0020	0	79.0	59.6	124	09/14/2022
Benzo(b)fluoranthene		0.000100		**0.00173**	0.0020	0	86.3	62.5	118	09/14/2022
Benzo(g,h,i)perylene		0.000200		**0.00165**	0.0020	0	82.7	61.9	126	09/14/2022
Benzo(k)fluoranthene		0.000100		**0.00170**	0.0020	0	85.1	61.3	118	09/14/2022
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0022**	0.0020	0	111.0	63.4	180	09/14/2022
Chrysene		0.000100		**0.00168**	0.0020	0	84.2	59.9	114	09/14/2022
Dibenzo(a,h)anthracene		0.000200		**0.00172**	0.0020	0	86.1	69	133	09/14/2022
Di-n-butyl phthalate		0.0100	J	**0.0018**	0.0020	0	92.7	67.8	151	09/14/2022
Fluoranthene		0.000300		**0.00174**	0.0020	0	86.8	62.2	121	09/14/2022
Fluorene		0.000200		**0.00151**	0.0020	0	75.4	59.6	114	09/14/2022
Indeno(1,2,3-cd)pyrene		0.000200		**0.00185**	0.0020	0	92.6	71.8	131	09/14/2022
m,p-Cresol		0.0100		**0.0146**	0.0200	0	72.8	47	113	09/14/2022
Naphthalene		0.000400		**0.00136**	0.0020	0	68.1	54.6	102	09/14/2022
o-Cresol		0.0100		**0.0144**	0.0200	0	71.9	48.2	109	09/14/2022
Phenanthrene		0.000600		**0.00164**	0.0020	0	82.2	63.2	117	09/14/2022
Pyrene		0.000200		**0.00172**	0.0020	0	85.9	46.7	126	09/14/2022
Surr: 2,4,6-Tribromophenol	*			**0.00134**	0.0020		66.8	30.7	141	09/14/2022
Surr: 2-Fluorobiphenyl	*			**0.000535**	0.0010		53.5	46.8	109	09/14/2022
Surr: 2-Fluorophenol	*			**0.00108**	0.0020		53.9	31.3	118	09/14/2022
Surr: Nitrobenzene-d5	*			**0.000549**	0.0010		54.9	47.7	107	09/14/2022
Surr: Phenol-d5	*			**0.00107**	0.0020		53.6	27.8	98.8	09/14/2022
Surr: p-Terphenyl-d14	*			**0.000746**	0.0010		74.6	45.9	137	09/14/2022

Client: ERM **Work Order:** 22090508

Client Project: Ameren Taylorville 3rd Qtr 2022 **Report Date:** 19-Sep-22

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

Batch **196573** **SampType:** **LCSD** Units **mg/L** RPD Limit: **40**

SampID: LCSD-196573

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		**0.00138**	0.0020	0	69.2	0.001443	4.22	09/14/2022
Acenaphthylene		0.000100		**0.00149**	0.0020	0	74.5	0.001562	4.71	09/14/2022
Anthracene		0.000300		**0.00156**	0.0020	0	78.0	0.001626	4.12	09/14/2022
Benzo(a)anthracene		0.000100		**0.00158**	0.0020	0	79.2	0.001629	2.78	09/14/2022
Benzo(a)pyrene		0.000200		**0.00152**	0.0020	0	75.8	0.001580	4.14	09/14/2022
Benzo(b)fluoranthene		0.000100		**0.00167**	0.0020	0	83.7	0.001726	3.06	09/14/2022
Benzo(g,h,i)perylene		0.000200		**0.00165**	0.0020	0	82.7	0.001654	0.03	09/14/2022
Benzo(k)fluoranthene		0.000100		**0.00167**	0.0020	0	83.3	0.001701	2.14	09/14/2022
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0022**	0.0020	0	108.8	0.002219	0.00	09/14/2022
Chrysene		0.000100		**0.00164**	0.0020	0	82.0	0.001685	2.65	09/14/2022
Dibenzo(a,h)anthracene		0.000200		**0.00173**	0.0020	0	86.5	0.001722	0.52	09/14/2022
Di-n-butyl phthalate		0.0100	J	**0.0018**	0.0020	0	92.1	0.001853	0.00	09/14/2022
Fluoranthene		0.000300		**0.00171**	0.0020	0	85.6	0.001736	1.35	09/14/2022
Fluorene		0.000200		**0.00153**	0.0020	0	76.5	0.001509	1.40	09/14/2022
Indeno(1,2,3-cd)pyrene		0.000200		**0.00180**	0.0020	0	89.8	0.001852	3.07	09/14/2022
m,p-Cresol		0.0100		**0.0123**	0.0200	0	61.5	0.01456	16.85	09/14/2022
Naphthalene		0.000400		**0.00129**	0.0020	0	64.6	0.001362	5.31	09/14/2022
o-Cresol		0.0100		**0.0124**	0.0200	0	61.9	0.01439	15.03	09/14/2022
Phenanthrene		0.000600		**0.00160**	0.0020	0	80.0	0.001643	2.68	09/14/2022
Pyrene		0.000200		**0.00177**	0.0020	0	88.6	0.001718	3.04	09/14/2022
Surr: 2,4,6-Tribromophenol	*			**0.00180**	0.0020		90.2			09/14/2022
Surr: 2-Fluorobiphenyl	*			**0.000637**	0.0010		63.7			09/14/2022
Surr: 2-Fluorophenol	*			**0.00129**	0.0020		64.6			09/14/2022
Surr: Nitrobenzene-d5	*			**0.000692**	0.0010		69.2			09/14/2022
Surr: Phenol-d5	*			**0.00112**	0.0020		56.0			09/14/2022
Surr: p-Terphenyl-d14	*			**0.000976**	0.0010		97.6			09/14/2022

Client: ERM **Work Order:** 22090508

Client Project: Ameren Taylorville 3rd Qtr 2022 **Report Date:** 19-Sep-22

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

Batch **196617** **SampType:** **MBLK** Units **mg/L**

SampID: MBLK-196617

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**ND**						09/15/2022
Acenaphthylene		0.000100		**ND**						09/15/2022
Anthracene		0.000300		**ND**						09/15/2022
Benzo(a)anthracene		0.000100		**ND**						09/15/2022
Benzo(a)pyrene		0.000200		**ND**						09/15/2022
Benzo(b)fluoranthene		0.000100		**ND**						09/15/2022
Benzo(g,h,i)perylene		0.000200		**ND**						09/15/2022
Benzo(k)fluoranthene		0.000100		**ND**						09/15/2022
Bis(2-ethylhexyl)phthalate		0.00600		**ND**						09/15/2022
Chrysene		0.000100		**ND**						09/15/2022
Dibenzo(a,h)anthracene		0.000200		**ND**						09/15/2022
Di-n-butyl phthalate		0.0100		**ND**						09/15/2022
Fluoranthene		0.000300		**ND**						09/15/2022
Fluorene		0.000200		**ND**						09/15/2022
Indeno(1,2,3-cd)pyrene		0.000200		**ND**						09/15/2022
m,p-Cresol		0.0100		**ND**						09/15/2022
Naphthalene		0.000400		**ND**						09/15/2022
o-Cresol		0.0100		**ND**						09/15/2022
Phenanthrene		0.000600		**ND**						09/15/2022
Pyrene		0.000200		**ND**						09/15/2022
Surr: 2,4,6-Tribromophenol	*			**0.00206**	0.0020		102.9	30.7	141	09/15/2022
Surr: 2-Fluorobiphenyl	*			**0.000858**	0.0010		85.8	46.8	109	09/15/2022
Surr: 2-Fluorophenol	*			**0.00124**	0.0020		61.9	31.3	118	09/15/2022
Surr: Nitrobenzene-d5	*			**0.000887**	0.0010		88.7	47.7	107	09/15/2022
Surr: Phenol-d5	*			**0.000835**	0.0020		41.7	27.8	98.8	09/15/2022
Surr: p-Terphenyl-d14	*			**0.00130**	0.0010		130.1	45.9	137	09/15/2022

Client: ERM **Work Order:** 22090508

Client Project: Ameren Taylorville 3rd Qtr 2022 **Report Date:** 19-Sep-22

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

Batch **196617** **SampType:** **LCS** Units **mg/L**

SampID: LCS-196617

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**0.00163**	0.0020	0	81.6	57.9	107	09/15/2022
Acenaphthylene		0.000100		**0.00175**	0.0020	0	87.6	56.1	114	09/15/2022
Anthracene		0.000300		**0.00173**	0.0020	0	86.5	59.4	111	09/15/2022
Benzo(a)anthracene		0.000100		**0.00180**	0.0020	0	89.9	59.1	113	09/15/2022
Benzo(a)pyrene		0.000200		**0.00169**	0.0020	0	84.6	59.6	124	09/15/2022
Benzo(b)fluoranthene		0.000100		**0.00190**	0.0020	0	95.2	62.5	118	09/15/2022
Benzo(g,h,i)perylene		0.000200		**0.00188**	0.0020	0	94.1	61.9	126	09/15/2022
Benzo(k)fluoranthene		0.000100		**0.00186**	0.0020	0	92.9	61.3	118	09/15/2022
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0020**	0.0020	0	102.0	63.4	180	09/15/2022
Chrysene		0.000100		**0.00186**	0.0020	0	93.0	59.9	114	09/15/2022
Dibenzo(a,h)anthracene		0.000200		**0.00195**	0.0020	0	97.6	69	133	09/15/2022
Di-n-butyl phthalate		0.0100	J	**0.0020**	0.0020	0	97.7	67.8	151	09/15/2022
Fluoranthene		0.000300		**0.00187**	0.0020	0	93.5	62.2	121	09/15/2022
Fluorene		0.000200		**0.00175**	0.0020	0	87.5	59.6	114	09/15/2022
Indeno(1,2,3-cd)pyrene		0.000200		**0.00205**	0.0020	0	102.5	71.8	131	09/15/2022
m,p-Cresol		0.0100		**0.0147**	0.0200	0	73.6	47	113	09/15/2022
Naphthalene		0.000400		**0.00163**	0.0020	0	81.7	54.6	102	09/15/2022
o-Cresol		0.0100		**0.0146**	0.0200	0	72.9	48.2	109	09/15/2022
Phenanthrene		0.000600		**0.00180**	0.0020	0	90.2	63.2	117	09/15/2022
Pyrene		0.000200		**0.00183**	0.0020	0	91.4	46.7	126	09/15/2022
Surr: 2,4,6-Tribromophenol	*			**0.00198**	0.0020		99.1	30.7	141	09/15/2022
Surr: 2-Fluorobiphenyl	*			**0.000796**	0.0010		79.6	46.8	109	09/15/2022
Surr: 2-Fluorophenol	*			**0.00151**	0.0020		75.5	31.3	118	09/15/2022
Surr: Nitrobenzene-d5	*			**0.000815**	0.0010		81.5	47.7	107	09/15/2022
Surr: Phenol-d5	*			**0.00139**	0.0020		69.4	27.8	98.8	09/15/2022
Surr: p-Terphenyl-d14	*			**0.00110**	0.0010		110.0	45.9	137	09/15/2022

Client: ERM **Work Order:** 22090508

Client Project: Ameren Taylorville 3rd Qtr 2022 **Report Date:** 19-Sep-22

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

Batch **196617** **SampType:** **LCSD** Units **mg/L** RPD Limit: **40**

SampID: LCSD-196617

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100	SR	**0.00101**	0.0020	0	50.5	0.001631	47.11	09/15/2022
Acenaphthylene		0.000100	SR	**0.00107**	0.0020	0	53.6	0.001752	48.19	09/15/2022
Anthracene		0.000300	SR	**0.00112**	0.0020	0	56.0	0.001729	42.80	09/15/2022
Benzo(a)anthracene		0.000100		**0.00121**	0.0020	0	60.4	0.001797	39.25	09/15/2022
Benzo(a)pyrene		0.000200	SR	**0.00110**	0.0020	0	54.9	0.001692	42.66	09/15/2022
Benzo(b)fluoranthene		0.000100	SR	**0.00120**	0.0020	0	60.1	0.001903	45.08	09/15/2022
Benzo(g,h,i)perylene		0.000200	SR	**0.00118**	0.0020	0	58.9	0.001881	45.90	09/15/2022
Benzo(k)fluoranthene		0.000100	SR	**0.00121**	0.0020	0	60.3	0.001858	42.56	09/15/2022
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0032**	0.0020	0	158.9	0.002041	0.00	09/15/2022
Chrysene		0.000100		**0.00126**	0.0020	0	63.2	0.001861	38.26	09/15/2022
Dibenzo(a,h)anthracene		0.000200	SR	**0.00125**	0.0020	0	62.6	0.001953	43.76	09/15/2022
Di-n-butyl phthalate		0.0100	JS	**0.0013**	0.0020	0	65.9	0.001953	0.00	09/15/2022
Fluoranthene		0.000300	SR	**0.00122**	0.0020	0	60.8	0.001869	42.27	09/15/2022
Fluorene		0.000200	SR	**0.00105**	0.0020	0	52.4	0.001749	50.15	09/15/2022
Indeno(1,2,3-cd)pyrene		0.000200	SR	**0.00132**	0.0020	0	65.8	0.002050	43.63	09/15/2022
m,p-Cresol		0.0100		**0.0101**	0.0200	0	50.4	0.01471	37.44	09/15/2022
Naphthalene		0.000400	SR	**0.000984**	0.0020	0	49.2	0.001633	49.66	09/15/2022
o-Cresol		0.0100		**0.0101**	0.0200	0	50.3	0.01458	36.71	09/15/2022
Phenanthrene		0.000600	SR	**0.00114**	0.0020	0	57.2	0.001804	44.82	09/15/2022
Pyrene		0.000200	R	**0.00121**	0.0020	0	60.4	0.001828	40.79	09/15/2022
Surr: 2,4,6-Tribromophenol	*			**0.00120**	0.0020		60.2			09/15/2022
Surr: 2-Fluorobiphenyl	*		S	**0.000441**	0.0010		44.1			09/15/2022
Surr: 2-Fluorophenol	*			**0.000929**	0.0020		46.4			09/15/2022
Surr: Nitrobenzene-d5	*		S	**0.000452**	0.0010		45.2			09/15/2022
Surr: Phenol-d5	*			**0.000854**	0.0020		42.7			09/15/2022
Surr: p-Terphenyl-d14	*			**0.000701**	0.0010		70.1			09/15/2022

Client: ERM **Work Order:** 22090508

Client Project: Ameren Taylorville 3rd Qtr 2022 **Report Date:** 19-Sep-22

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

Batch **196617** **SampType:** **MS** Units **mg/L**

SampID: 22090508-002AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**0.00178**	0.0020	0	88.8	28.3	133	09/15/2022
Acenaphthylene		0.000100		**0.00196**	0.0020	0	98.0	5	176	09/15/2022
Anthracene		0.000300		**0.00196**	0.0020	0	98.0	34.6	131	09/15/2022
Benzo(a)anthracene		0.000100		**0.00201**	0.0020	0	100.6	40.3	132	09/15/2022
Benzo(a)pyrene		0.000200		**0.00188**	0.0020	0	94.0	40.8	132	09/15/2022
Benzo(b)fluoranthene		0.000100		**0.00211**	0.0020	0	105.7	41.9	132	09/15/2022
Benzo(g,h,i)perylene		0.000200		**0.00207**	0.0020	0	103.5	46	132	09/15/2022
Benzo(k)fluoranthene		0.000100		**0.00208**	0.0020	0	104.2	49.4	126	09/15/2022
Bis(2-ethylhexyl)phthalate		0.0300	J	**0.013**	0.0020	0.01085	101.5	18.4	222	09/16/2022
Chrysene		0.000100		**0.00207**	0.0020	0	103.6	46.1	129	09/15/2022
Dibenzo(a,h)anthracene		0.000200		**0.00221**	0.0020	0	110.5	42.1	146	09/15/2022
Di-n-butyl phthalate		0.0100	J	**0.0021**	0.0020	0	107.1	59.6	146	09/15/2022
Fluoranthene		0.000300		**0.00205**	0.0020	0	102.4	23.9	164	09/15/2022
Fluorene		0.000200		**0.00187**	0.0020	0	93.7	24.3	148	09/15/2022
Indeno(1,2,3-cd)pyrene		0.000200		**0.00227**	0.0020	0	113.6	26.6	157	09/15/2022
m,p-Cresol		0.0100		**0.0175**	0.0200	0	87.5	5	156	09/15/2022
Naphthalene		0.000400		**0.00181**	0.0020	0	90.3	24.2	132	09/15/2022
o-Cresol		0.0100		**0.0171**	0.0200	0	85.6	38	113	09/15/2022
Phenanthrene		0.000600		**0.00198**	0.0020	0	98.8	36.6	139	09/15/2022
Pyrene		0.000200		**0.00201**	0.0020	0	100.5	14.6	169	09/15/2022
Surr: 2,4,6-Tribromophenol	*			**0.00222**	0.0020		111.2	10	179	09/15/2022
Surr: 2-Fluorobiphenyl	*			**0.000896**	0.0010		89.6	21.4	142	09/15/2022
Surr: 2-Fluorophenol	*			**0.00176**	0.0020		88.0	10	157	09/15/2022
Surr: Nitrobenzene-d5	*			**0.000864**	0.0010		86.4	15	163	09/15/2022
Surr: Phenol-d5	*			**0.00160**	0.0020		80.2	10	162	09/15/2022
Surr: p-Terphenyl-d14	*			**0.00115**	0.0010		114.5	10	173	09/15/2022

Client: ERM **Work Order:** 22090508

Client Project: Ameren Taylorville 3rd Qtr 2022 **Report Date:** 19-Sep-22

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

Batch **196617** **SampType:** **MSD** Units **mg/L** RPD Limit: **40**

SampID: 22090508-002AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		**0.00171**	0.0020	0	85.7	0.001776	3.61	09/15/2022
Acenaphthylene		0.000100		**0.00184**	0.0020	0	92.0	0.001961	6.41	09/15/2022
Anthracene		0.000300		**0.00191**	0.0020	0	95.7	0.001959	2.31	09/15/2022
Benzo(a)anthracene		0.000100		**0.00192**	0.0020	0	96.2	0.002013	4.56	09/15/2022
Benzo(a)pyrene		0.000200		**0.00180**	0.0020	0	90.0	0.001880	4.38	09/15/2022
Benzo(b)fluoranthene		0.000100		**0.00199**	0.0020	0	99.6	0.002115	6.03	09/15/2022
Benzo(g,h,i)perylene		0.000200		**0.00199**	0.0020	0	99.5	0.002070	3.92	09/15/2022
Benzo(k)fluoranthene		0.000100		**0.00205**	0.0020	0	102.5	0.002084	1.66	09/15/2022
Bis(2-ethylhexyl)phthalate		0.0300	JS	**0.010**	0.0020	0.01085	-15.9	0.01288	0.00	09/16/2022
Chrysene		0.000100		**0.00200**	0.0020	0	99.8	0.002072	3.73	09/15/2022
Dibenzo(a,h)anthracene		0.000200		**0.00210**	0.0020	0	105.0	0.002210	5.06	09/15/2022
Di-n-butyl phthalate		0.0100	J	**0.0020**	0.0020	0	100.5	0.002142	0.00	09/15/2022
Fluoranthene		0.000300		**0.00202**	0.0020	0	101.1	0.002047	1.21	09/15/2022
Fluorene		0.000200		**0.00173**	0.0020	0	86.7	0.001874	7.74	09/15/2022
Indeno(1,2,3-cd)pyrene		0.000200		**0.00222**	0.0020	0	110.8	0.002272	2.50	09/15/2022
m,p-Cresol		0.0100		**0.0154**	0.0200	0	77.1	0.01750	12.65	09/15/2022
Naphthalene		0.000400		**0.00168**	0.0020	0	84.2	0.001806	7.06	09/15/2022
o-Cresol		0.0100		**0.0151**	0.0200	0	75.5	0.01712	12.60	09/15/2022
Phenanthrene		0.000600		**0.00187**	0.0020	0	93.6	0.001975	5.39	09/15/2022
Pyrene		0.000200		**0.00188**	0.0020	0	94.2	0.002010	6.49	09/15/2022
Surr: 2,4,6-Tribromophenol	*			**0.00226**	0.0020		113.0			09/15/2022
Surr: 2-Fluorobiphenyl	*			**0.000868**	0.0010		86.8			09/15/2022
Surr: 2-Fluorophenol	*			**0.00155**	0.0020		77.4			09/15/2022
Surr: Nitrobenzene-d5	*			**0.000853**	0.0010		85.3			09/15/2022
Surr: Phenol-d5	*			**0.00140**	0.0020		69.9			09/15/2022
Surr: p-Terphenyl-d14	*			**0.00121**	0.0010		120.9			09/15/2022

Client: ERM **Work Order:** 22090508

Client Project: Ameren Taylorville 3rd Qtr 2022 **Report Date:** 19-Sep-22

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

Batch **196617** **SampType:** **MS** Units **mg/L**

SampID: 22090508-007AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**0.00166**	0.0020	0	83.2	28.3	133	09/15/2022
Acenaphthylene		0.000100		**0.00183**	0.0020	0	91.3	5	176	09/15/2022
Anthracene		0.000300		**0.00180**	0.0020	0	90.2	34.6	131	09/15/2022
Benzo(a)anthracene		0.000100		**0.00190**	0.0020	0	94.8	40.3	132	09/15/2022
Benzo(a)pyrene		0.000200		**0.00177**	0.0020	0	88.6	40.8	132	09/15/2022
Benzo(b)fluoranthene		0.000100		**0.00196**	0.0020	0	97.9	41.9	132	09/15/2022
Benzo(g,h,i)perylene		0.000200		**0.00190**	0.0020	0	95.1	46	132	09/15/2022
Benzo(k)fluoranthene		0.000100		**0.00196**	0.0020	0	98.0	49.4	126	09/15/2022
Bis(2-ethylhexyl)phthalate		0.0120	JS	**0.0051**	0.0020	0.005785	-32.0	18.4	222	09/16/2022
Chrysene		0.000100		**0.00196**	0.0020	0	98.0	46.1	129	09/15/2022
Dibenzo(a,h)anthracene		0.000200		**0.00199**	0.0020	0	99.6	42.1	146	09/15/2022
Di-n-butyl phthalate		0.0100	J	**0.0020**	0.0020	0	98.9	59.6	146	09/15/2022
Fluoranthene		0.000300		**0.00194**	0.0020	0	96.8	23.9	164	09/15/2022
Fluorene		0.000200		**0.00178**	0.0020	0	89.0	24.3	148	09/15/2022
Indeno(1,2,3-cd)pyrene		0.000200		**0.00212**	0.0020	0	105.9	26.6	157	09/15/2022
m,p-Cresol		0.0100		**0.0163**	0.0200	0	81.7	5	156	09/15/2022
Naphthalene		0.000400		**0.00167**	0.0020	0	83.5	24.2	132	09/15/2022
o-Cresol		0.0100		**0.0159**	0.0200	0	79.6	38	113	09/15/2022
Phenanthrene		0.000600		**0.00186**	0.0020	0	92.8	36.6	139	09/15/2022
Pyrene		0.000200		**0.00190**	0.0020	0	94.9	14.6	169	09/15/2022
Surr: 2,4,6-Tribromophenol	*			**0.00260**	0.0020		130.2	10	179	09/15/2022
Surr: 2-Fluorobiphenyl	*			**0.000855**	0.0010		85.5	21.4	142	09/15/2022
Surr: 2-Fluorophenol	*			**0.00160**	0.0020		80.2	10	157	09/15/2022
Surr: Nitrobenzene-d5	*			**0.000793**	0.0010		79.3	15	163	09/15/2022
Surr: Phenol-d5	*			**0.00149**	0.0020		74.3	10	162	09/15/2022
Surr: p-Terphenyl-d14	*			**0.00121**	0.0010		120.9	10	173	09/15/2022

Client: ERM **Work Order:** 22090508

Client Project: Ameren Taylorville 3rd Qtr 2022 **Report Date:** 19-Sep-22

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

Batch **196617** **SampType:** **MSD** Units **mg/L** RPD Limit: **40**

SampID: 22090508-007AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		**0.00117**	0.0020	0	58.6	0.001664	34.79	09/15/2022
Acenaphthylene		0.000100		**0.00130**	0.0020	0	65.1	0.001826	33.47	09/15/2022
Anthracene		0.000300		**0.00147**	0.0020	0	73.3	0.001804	20.68	09/15/2022
Benzo(a)anthracene		0.000100		**0.00144**	0.0020	0	72.0	0.001896	27.31	09/15/2022
Benzo(a)pyrene		0.000200		**0.00135**	0.0020	0	67.5	0.001771	27.03	09/15/2022
Benzo(b)fluoranthene		0.000100		**0.00148**	0.0020	0	74.1	0.001958	27.64	09/15/2022
Benzo(g,h,i)perylene		0.000200		**0.00144**	0.0020	0	71.9	0.001902	27.86	09/15/2022
Benzo(k)fluoranthene		0.000100		**0.00150**	0.0020	0	75.2	0.001960	26.24	09/15/2022
Bis(2-ethylhexyl)phthalate		0.0120	JS	**0.0038**	0.0020	0.005785	-96.6	0.005144	0.00	09/16/2022
Chrysene		0.000100		**0.00153**	0.0020	0	76.4	0.001961	24.82	09/15/2022
Dibenzo(a,h)anthracene		0.000200		**0.00152**	0.0020	0	75.8	0.001992	27.13	09/15/2022
Di-n-butyl phthalate		0.0100	J	**0.0015**	0.0020	0	77.1	0.001977	0.00	09/15/2022
Fluoranthene		0.000300		**0.00160**	0.0020	0	79.9	0.001936	19.15	09/15/2022
Fluorene		0.000200		**0.00127**	0.0020	0	63.5	0.001780	33.39	09/15/2022
Indeno(1,2,3-cd)pyrene		0.000200		**0.00160**	0.0020	0	80.1	0.002117	27.75	09/15/2022
m,p-Cresol		0.0100		**0.0121**	0.0200	0	60.7	0.01634	29.44	09/15/2022
Naphthalene		0.000400		**0.00117**	0.0020	0	58.5	0.001670	35.17	09/15/2022
o-Cresol		0.0100		**0.0120**	0.0200	0	59.9	0.01592	28.29	09/15/2022
Phenanthrene		0.000600		**0.00148**	0.0020	0	73.8	0.001856	22.83	09/15/2022
Pyrene		0.000200		**0.00154**	0.0020	0	77.1	0.001898	20.66	09/15/2022
Surr: 2,4,6-Tribromophenol	*			**0.00163**	0.0020		81.6			09/15/2022
Surr: 2-Fluorobiphenyl	*			**0.000575**	0.0010		57.5			09/15/2022
Surr: 2-Fluorophenol	*			**0.00116**	0.0020		58.0			09/15/2022
Surr: Nitrobenzene-d5	*			**0.000564**	0.0010		56.4			09/15/2022
Surr: Phenol-d5	*			**0.00111**	0.0020		55.4			09/15/2022
Surr: p-Terphenyl-d14	*			**0.000852**	0.0010		85.2			09/15/2022

Client: ERM **Work Order:** 22090508

Client Project: Ameren Taylorville 3rd Qtr 2022 **Report Date:** 19-Sep-22

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

Batch 196461 **SampType:** MBLK Units µg/L

SampID: MBLK-AM220909A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**ND**						09/09/2022
Bromoform	*	2.0		**ND**						09/09/2022
Ethylbenzene	*	2.0		**ND**						09/09/2022
m,p-Xylenes	*	2.0		**ND**						09/09/2022
Methylene chloride	*	2.0		**ND**						09/09/2022
Naphthalene	*	5.0		**ND**						09/09/2022
o-Xylene	*	2.0		**ND**						09/09/2022
Toluene	*	2.0		**ND**						09/09/2022
trans-1,2-Dichloroethene	*	2.0		**ND**						09/09/2022
Xylenes, Total	*	4.0		**ND**						09/09/2022
Surr: 1,2-Dichloroethane-d4	*			**49.4**	50.00		98.7	80	120	09/09/2022
Surr: 4-Bromofluorobenzene	*			**50.5**	50.00		100.9	80	120	09/09/2022
Surr: Dibromofluoromethane	*			**50.5**	50.00		101.0	80	120	09/09/2022
Surr: Toluene-d8	*			**49.7**	50.00		99.4	80	120	09/09/2022

Batch 196461 **SampType:** LCS Units µg/L

SampID: LCS-AM220909A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**51.3**	50.00	0	102.7	78.5	119	09/09/2022
Bromoform	*	2.0		**49.7**	50.00	0	99.3	78.9	121	09/09/2022
Ethylbenzene	*	2.0		**51.7**	50.00	0	103.3	78.2	114	09/09/2022
m,p-Xylenes	*	2.0		**104**	100.0	0	104.5	77.2	116	09/09/2022
Methylene chloride	*	2.0		**52.2**	50.00	0	104.4	71.8	115	09/09/2022
Naphthalene	*	5.0		**51.6**	50.00	0	103.2	75.6	121	09/09/2022
o-Xylene	*	2.0		**52.9**	50.00	0	105.7	79.2	112	09/09/2022
Toluene	*	2.0		**51.6**	50.00	0	103.3	78.6	112	09/09/2022
trans-1,2-Dichloroethene	*	2.0		**53.5**	50.00	0	107.1	75.7	130	09/09/2022
Xylenes, Total	*	4.0		**157**	150.0	0	104.9	78.3	114	09/09/2022
Surr: 1,2-Dichloroethane-d4	*			**49.6**	50.00		99.1	80	120	09/09/2022
Surr: 4-Bromofluorobenzene	*			**49.1**	50.00		98.2	80	120	09/09/2022
Surr: Dibromofluoromethane	*			**50.6**	50.00		101.3	80	120	09/09/2022
Surr: Toluene-d8	*			**49.8**	50.00		99.7	80	120	09/09/2022

Client: ERM **Work Order:** 22090508

Client Project: Ameren Taylorville 3rd Qtr 2022 **Report Date:** 19-Sep-22

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

Batch **196461** **SampType:** **LCSD** Units **µg/L** RPD Limit: **15.9**

SampID: LCSD-AM220909A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	*	0.5		**50.2**	50.00	0	100.3	51.33	2.31	09/09/2022
Bromoform	*	2.0		**49.4**	50.00	0	98.7	49.67	0.65	09/09/2022
Ethylbenzene	*	2.0		**50.0**	50.00	0	100.0	51.67	3.27	09/09/2022
m,p-Xylenes	*	2.0		**101**	100.0	0	100.8	104.5	3.62	09/09/2022
Methylene chloride	*	2.0		**51.6**	50.00	0	103.1	52.22	1.25	09/09/2022
Naphthalene	*	5.0		**51.3**	50.00	0	102.6	51.61	0.60	09/09/2022
o-Xylene	*	2.0		**51.4**	50.00	0	102.9	52.87	2.76	09/09/2022
Toluene	*	2.0		**50.3**	50.00	0	100.6	51.65	2.61	09/09/2022
trans-1,2-Dichloroethene	*	2.0		**52.4**	50.00	0	104.9	53.54	2.06	09/09/2022
Xylenes, Total	*	4.0		**152**	150.0	0	101.5	157.4	3.33	09/09/2022
Surr: 1,2-Dichloroethane-d4	*			**49.5**	50.00		98.9			09/09/2022
Surr: 4-Bromofluorobenzene	*			**49.1**	50.00		98.2			09/09/2022
Surr: Dibromofluoromethane	*			**50.7**	50.00		101.5			09/09/2022
Surr: Toluene-d8	*			**49.7**	50.00		99.5			09/09/2022

Batch **196473** **SampType:** **MBLK** Units **µg/L**

SampID: MBLK-AE220909A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**ND**						09/09/2022
Bromoform	*	2.0		**ND**						09/09/2022
Ethylbenzene	*	2.0		**ND**						09/09/2022
m,p-Xylenes	*	2.0		**ND**						09/09/2022
Methylene chloride	*	2.0		**ND**						09/09/2022
Naphthalene	*	5.0		**ND**						09/09/2022
o-Xylene	*	2.0		**ND**						09/09/2022
Toluene	*	2.0		**ND**						09/09/2022
trans-1,2-Dichloroethene	*	2.0		**ND**						09/09/2022
Xylenes, Total	*	4.0		**ND**						09/09/2022
Surr: 1,2-Dichloroethane-d4	*			**48.7**	50.00		97.4	80	120	09/09/2022
Surr: 4-Bromofluorobenzene	*			**47.2**	50.00		94.3	80	120	09/09/2022
Surr: Dibromofluoromethane	*			**51.2**	50.00		102.4	80	120	09/09/2022
Surr: Toluene-d8	*			**49.8**	50.00		99.6	80	120	09/09/2022

Client: ERM **Work Order:** 22090508

Client Project: Ameren Taylorville 3rd Qtr 2022 **Report Date:** 19-Sep-22

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

Batch **196473** **SampType:** **LCS** Units **µg/L**

SampID: LCS-AE220909A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**48.5**	50.00	0	96.9	78.5	119	09/09/2022
Bromoform	*	2.0		**50.5**	50.00	0	101.0	78.9	121	09/09/2022
Ethylbenzene	*	2.0		**48.6**	50.00	0	97.1	78.2	114	09/09/2022
m,p-Xylenes	*	2.0		**97.8**	100.0	0	97.8	77.2	116	09/09/2022
Methylene chloride	*	2.0		**45.1**	50.00	0	90.3	71.8	115	09/09/2022
Naphthalene	*	5.0		**48.1**	50.00	0	96.1	75.6	121	09/09/2022
o-Xylene	*	2.0		**49.2**	50.00	0	98.4	79.2	112	09/09/2022
Toluene	*	2.0		**48.4**	50.00	0	96.8	78.6	112	09/09/2022
trans-1,2-Dichloroethene	*	2.0		**47.8**	50.00	0	95.5	75.7	130	09/09/2022
Xylenes, Total	*	4.0		**147**	150.0	0	98.0	78.3	114	09/09/2022
Surr: 1,2-Dichloroethane-d4	*			**48.3**	50.00		96.6	80	120	09/09/2022
Surr: 4-Bromofluorobenzene	*			**47.4**	50.00		94.9	80	120	09/09/2022
Surr: Dibromofluoromethane	*			**50.8**	50.00		101.6	80	120	09/09/2022
Surr: Toluene-d8	*			**49.2**	50.00		98.4	80	120	09/09/2022

Batch **196473** **SampType:** **LCSD** Units **µg/L** RPD Limit: **15.9**

SampID: LCSD-AE220909A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	*	0.5		**49.1**	50.00	0	98.2	48.47	1.31	09/09/2022
Bromoform	*	2.0		**49.8**	50.00	0	99.7	50.52	1.34	09/09/2022
Ethylbenzene	*	2.0		**49.8**	50.00	0	99.6	48.57	2.54	09/09/2022
m,p-Xylenes	*	2.0		**98.2**	100.0	0	98.2	97.76	0.43	09/09/2022
Methylene chloride	*	2.0		**46.2**	50.00	0	92.4	45.13	2.34	09/09/2022
Naphthalene	*	5.0		**48.5**	50.00	0	97.0	48.07	0.93	09/09/2022
o-Xylene	*	2.0		**49.7**	50.00	0	99.4	49.20	0.99	09/09/2022
Toluene	*	2.0		**49.3**	50.00	0	98.6	48.40	1.84	09/09/2022
trans-1,2-Dichloroethene	*	2.0		**48.8**	50.00	0	97.5	47.77	2.07	09/09/2022
Xylenes, Total	*	4.0		**148**	150.0	0	98.6	147.0	0.62	09/09/2022
Surr: 1,2-Dichloroethane-d4	*			**48.2**	50.00		96.5			09/09/2022
Surr: 4-Bromofluorobenzene	*			**47.5**	50.00		95.1			09/09/2022
Surr: Dibromofluoromethane	*			**51.4**	50.00		102.7			09/09/2022
Surr: Toluene-d8	*			**49.2**	50.00		98.3			09/09/2022

Client: ERM **Work Order:** 22090508

Client Project: Ameren Taylorville 3rd Qtr 2022 **Report Date:** 19-Sep-22

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

Batch **196473** **SampType:** **MS** Units **µg/L**

SampID: 22090508-002BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene		0.50		**47.8**	50.00	0	95.6	72	120	09/09/2022
Ethylbenzene		1.00		**45.8**	50.00	0	91.7	74.8	115	09/09/2022
m,p-Xylenes		1.00		**47.4**	50.00	0	94.8	69.7	115	09/09/2022
o-Xylene		1.00		**45.9**	50.00	0	91.7	72.9	111	09/09/2022
Toluene		2.00		**47.2**	50.00	0	94.5	70.6	109	09/09/2022
Xylenes, Total		2.00		**93.2**	100.0	0	93.2	72.1	113	09/09/2022
Surr: 1,2-Dichloroethane-d4	*			**48.9**	50.00		97.8	80	120	09/09/2022
Surr: 4-Bromofluorobenzene	*			**46.9**	50.00		93.7	80	120	09/09/2022
Surr: Dibromofluoromethane	*			**51.6**	50.00		103.1	80	120	09/09/2022
Surr: Toluene-d8	*			**48.8**	50.00		97.7	80	120	09/09/2022

Batch **196473** **SampType:** **MSD** Units **µg/L** RPD Limit: **20**

SampID: 22090508-002BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene		0.50		**49.6**	50.00	0	99.2	47.78	3.70	09/09/2022
Ethylbenzene		1.00		**48.3**	50.00	0	96.5	45.85	5.12	09/09/2022
m,p-Xylenes		1.00		**50.2**	50.00	0	100.4	47.38	5.74	09/09/2022
o-Xylene		1.00		**48.0**	50.00	0	96.0	45.86	4.54	09/09/2022
Toluene		2.00		**49.7**	50.00	0	99.4	47.25	5.05	09/09/2022
Xylenes, Total		2.00		**98.2**	100.0	0	98.2	93.24	5.15	09/09/2022
Surr: 1,2-Dichloroethane-d4	*			**49.2**	50.00		98.3			09/09/2022
Surr: 4-Bromofluorobenzene	*			**46.8**	50.00		93.5			09/09/2022
Surr: Dibromofluoromethane	*			**51.1**	50.00		102.3			09/09/2022
Surr: Toluene-d8	*			**49.4**	50.00		98.7			09/09/2022

Client: ERM **Work Order:** 22090508

Client Project: Ameren Taylorville 3rd Qtr 2022 **Report Date:** 19-Sep-22

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

Batch 196476 **SampType:** MBLK Units µg/L

SampID: MBLK-AK220909A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**ND**						09/09/2022
Bromoform	*	2.0		**ND**						09/09/2022
Ethylbenzene	*	2.0		**ND**						09/09/2022
m,p-Xylenes	*	2.0		**ND**						09/09/2022
Methylene chloride	*	2.0		**ND**						09/09/2022
Naphthalene	*	5.0	J	**0.4**						09/09/2022
o-Xylene	*	2.0		**ND**						09/09/2022
Toluene	*	2.0		**ND**						09/09/2022
trans-1,2-Dichloroethene	*	2.0		**ND**						09/09/2022
Xylenes, Total	*	4.0		**ND**						09/09/2022
Surr: 1,2-Dichloroethane-d4	*			**55.9**	50.00		111.7	80	120	09/09/2022
Surr: 4-Bromofluorobenzene	*			**52.2**	50.00		104.3	80	120	09/09/2022
Surr: Dibromofluoromethane	*			**50.4**	50.00		100.9	80	120	09/09/2022
Surr: Toluene-d8	*			**51.2**	50.00		102.5	80	120	09/09/2022

Batch 196476 **SampType:** LCS Units µg/L

SampID: LCS-AK220909A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**49.5**	50.00	0	99.0	78.5	119	09/09/2022
Bromoform	*	2.0		**51.1**	50.00	0	102.2	78.9	121	09/09/2022
Ethylbenzene	*	2.0		**52.6**	50.00	0	105.2	78.2	114	09/09/2022
m,p-Xylenes	*	2.0		**106**	100.0	0	105.7	77.2	116	09/09/2022
Methylene chloride	*	2.0		**52.4**	50.00	0	104.7	71.8	115	09/09/2022
Naphthalene	*	5.0	B	**51.4**	50.00	0	102.9	75.6	121	09/09/2022
o-Xylene	*	2.0		**53.0**	50.00	0	106.0	79.2	112	09/09/2022
Toluene	*	2.0		**50.7**	50.00	0	101.4	78.6	112	09/09/2022
trans-1,2-Dichloroethene	*	2.0		**52.2**	50.00	0	104.5	75.7	130	09/09/2022
Xylenes, Total	*	4.0		**159**	150.0	0	105.8	78.3	114	09/09/2022
Surr: 1,2-Dichloroethane-d4	*			**55.8**	50.00		111.7	80	120	09/09/2022
Surr: 4-Bromofluorobenzene	*			**51.2**	50.00		102.5	80	120	09/09/2022
Surr: Dibromofluoromethane	*			**50.4**	50.00		100.8	80	120	09/09/2022
Surr: Toluene-d8	*			**51.3**	50.00		102.6	80	120	09/09/2022

Client: ERM **Work Order:** 22090508

Client Project: Ameren Taylorville 3rd Qtr 2022 **Report Date:** 19-Sep-22

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

Batch **196476** **SampType:** **LCSD** Units **µg/L** RPD Limit: **15.9**

SampID: LCSD-AK220909A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	*	0.5		**47.5**	50.00	0	95.0	49.51	4.12	09/09/2022
Bromoform	*	2.0		**48.4**	50.00	0	96.7	51.08	5.49	09/09/2022
Ethylbenzene	*	2.0		**49.2**	50.00	0	98.4	52.59	6.68	09/09/2022
m,p-Xylenes	*	2.0		**99.8**	100.0	0	99.8	105.7	5.80	09/09/2022
Methylene chloride	*	2.0		**49.2**	50.00	0	98.4	52.37	6.22	09/09/2022
Naphthalene	*	5.0	B	**49.1**	50.00	0	98.3	51.44	4.59	09/09/2022
o-Xylene	*	2.0		**49.7**	50.00	0	99.4	52.98	6.39	09/09/2022
Toluene	*	2.0		**47.9**	50.00	0	95.8	50.69	5.62	09/09/2022
trans-1,2-Dichloroethene	*	2.0		**49.5**	50.00	0	99.0	52.25	5.41	09/09/2022
Xylenes, Total	*	4.0		**149**	150.0	0	99.7	158.7	6.00	09/09/2022
Surr: 1,2-Dichloroethane-d4	*			**55.7**	50.00		111.4			09/09/2022
Surr: 4-Bromofluorobenzene	*			**51.1**	50.00		102.2			09/09/2022
Surr: Dibromofluoromethane	*			**50.2**	50.00		100.5			09/09/2022
Surr: Toluene-d8	*			**51.2**	50.00		102.5			09/09/2022

Batch **196516** **SampType:** **MBLK** Units **µg/L**

SampID: MBLK-AM220909A-2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**ND**						09/09/2022
Bromoform	*	2.0		**ND**						09/09/2022
Ethylbenzene	*	2.0		**ND**						09/09/2022
m,p-Xylenes	*	2.0		**ND**						09/09/2022
Methylene chloride	*	2.0		**ND**						09/09/2022
Naphthalene	*	5.0		**ND**						09/09/2022
o-Xylene	*	2.0		**ND**						09/09/2022
Toluene	*	2.0		**ND**						09/09/2022
trans-1,2-Dichloroethene	*	2.0		**ND**						09/09/2022
Xylenes, Total	*	4.0		**ND**						09/09/2022
Surr: 1,2-Dichloroethane-d4	*			**49.7**	50.00		99.4	80	120	09/09/2022
Surr: 4-Bromofluorobenzene	*			**49.6**	50.00		99.2	80	120	09/09/2022
Surr: Dibromofluoromethane	*			**50.8**	50.00		101.7	80	120	09/09/2022
Surr: Toluene-d8	*			**49.9**	50.00		99.7	80	120	09/09/2022

Client: ERM **Work Order:** 22090508

Client Project: Ameren Taylorville 3rd Qtr 2022 **Report Date:** 19-Sep-22

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

Batch **196516** **SampType:** **LCS** Units **µg/L**

SampID: LCS-AM220909A-2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**49.8**	50.00	0	99.6	78.5	119	09/09/2022
Bromoform	*	2.0		**49.6**	50.00	0	99.3	78.9	121	09/09/2022
Ethylbenzene	*	2.0		**49.7**	50.00	0	99.4	78.2	114	09/09/2022
m,p-Xylenes	*	2.0		**100**	100.0	0	100.2	77.2	116	09/09/2022
Methylene chloride	*	2.0		**50.5**	50.00	0	101.1	71.8	115	09/09/2022
Naphthalene	*	5.0		**50.8**	50.00	0	101.7	75.6	121	09/09/2022
o-Xylene	*	2.0		**50.9**	50.00	0	101.8	79.2	112	09/09/2022
Toluene	*	2.0		**49.8**	50.00	0	99.6	78.6	112	09/09/2022
trans-1,2-Dichloroethene	*	2.0		**51.1**	50.00	0	102.2	75.7	130	09/09/2022
Xylenes, Total	*	4.0		**151**	150.0	0	100.7	78.3	114	09/09/2022
Surr: 1,2-Dichloroethane-d4	*			**50.2**	50.00		100.4	80	120	09/09/2022
Surr: 4-Bromofluorobenzene	*			**48.3**	50.00		96.7	80	120	09/09/2022
Surr: Dibromofluoromethane	*			**50.9**	50.00		101.8	80	120	09/09/2022
Surr: Toluene-d8	*			**49.7**	50.00		99.3	80	120	09/09/2022

Batch **196516** **SampType:** **LCSD** Units **µg/L** RPD Limit: **15.9**

SampID: LCSD-AM220909A-2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	*	0.5		**50.6**	50.00	0	101.2	49.82	1.57	09/09/2022
Bromoform	*	2.0		**49.4**	50.00	0	98.7	49.64	0.59	09/09/2022
Ethylbenzene	*	2.0		**50.3**	50.00	0	100.5	49.71	1.12	09/09/2022
m,p-Xylenes	*	2.0		**102**	100.0	0	101.6	100.2	1.40	09/09/2022
Methylene chloride	*	2.0		**51.1**	50.00	0	102.3	50.54	1.18	09/09/2022
Naphthalene	*	5.0		**49.7**	50.00	0	99.4	50.83	2.27	09/09/2022
o-Xylene	*	2.0		**51.6**	50.00	0	103.2	50.91	1.35	09/09/2022
Toluene	*	2.0		**50.6**	50.00	0	101.1	49.79	1.51	09/09/2022
trans-1,2-Dichloroethene	*	2.0		**52.4**	50.00	0	104.8	51.11	2.45	09/09/2022
Xylenes, Total	*	4.0		**153**	150.0	0	102.1	151.1	1.38	09/09/2022
Surr: 1,2-Dichloroethane-d4	*			**49.5**	50.00		99.0			09/09/2022
Surr: 4-Bromofluorobenzene	*			**48.6**	50.00		97.2			09/09/2022
Surr: Dibromofluoromethane	*			**50.5**	50.00		101.1			09/09/2022
Surr: Toluene-d8	*			**49.8**	50.00		99.5			09/09/2022

Client: ERM **Work Order:** 22090508

Client Project: Ameren Taylorville 3rd Qtr 2022 **Report Date:** 19-Sep-22

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

Batch **196516** **SampType:** **MS** Units **µg/L**

SampID: 22090508-007BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene		0.50		**53.0**	50.00	0	106.0	72	120	09/10/2022
Ethylbenzene		1.00		**51.8**	50.00	0	103.5	74.8	115	09/10/2022
m,p-Xylenes		1.00		**53.1**	50.00	0	106.2	69.7	115	09/10/2022
o-Xylene		1.00		**51.8**	50.00	0	103.6	72.9	111	09/10/2022
Toluene		2.00		**53.0**	50.00	0	106.0	70.6	109	09/10/2022
Xylenes, Total		2.00		**105**	100.0	0	104.9	72.1	113	09/10/2022
Surr: 1,2-Dichloroethane-d4	*			**50.1**	50.00		100.2	80	120	09/10/2022
Surr: 4-Bromofluorobenzene	*			**49.7**	50.00		99.4	80	120	09/10/2022
Surr: Dibromofluoromethane	*			**50.8**	50.00		101.5	80	120	09/10/2022
Surr: Toluene-d8	*			**49.6**	50.00		99.1	80	120	09/10/2022

Batch **196516** **SampType:** **MSD** Units **µg/L** RPD Limit: **20**

SampID: 22090508-007BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene		0.50		**53.9**	50.00	0	107.8	53.00	1.65	09/10/2022
Ethylbenzene		1.00		**53.0**	50.00	0	105.9	51.75	2.31	09/10/2022
m,p-Xylenes		1.00		**54.1**	50.00	0	108.2	53.08	1.90	09/10/2022
o-Xylene		1.00		**52.6**	50.00	0	105.3	51.78	1.63	09/10/2022
Toluene		2.00		**53.9**	50.00	0	107.7	53.00	1.61	09/10/2022
Xylenes, Total		2.00		**107**	100.0	0	106.7	104.9	1.77	09/10/2022
Surr: 1,2-Dichloroethane-d4	*			**51.3**	50.00		102.5			09/10/2022
Surr: 4-Bromofluorobenzene	*			**49.7**	50.00		99.3			09/10/2022
Surr: Dibromofluoromethane	*			**51.1**	50.00		102.3			09/10/2022
Surr: Toluene-d8	*			**49.6**	50.00		99.2			09/10/2022

Client: ERM **Work Order:** 22090508

Client Project: Ameren Taylorville 3rd Qtr 2022 **Report Date:** 19-Sep-22

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

Batch 196528 **SampType:** MBLK Units µg/L

SampID: MBLK-AM220912A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**ND**						09/12/2022
Bromoform	*	2.0		**ND**						09/12/2022
Ethylbenzene	*	2.0		**ND**						09/12/2022
m,p-Xylenes	*	2.0		**ND**						09/12/2022
Methylene chloride	*	2.0		**ND**						09/12/2022
Naphthalene	*	5.0		**ND**						09/12/2022
o-Xylene	*	2.0		**ND**						09/12/2022
Toluene	*	2.0		**ND**						09/12/2022
trans-1,2-Dichloroethene	*	2.0		**ND**						09/12/2022
Xylenes, Total	*	4.0		**ND**						09/12/2022
Surr: 1,2-Dichloroethane-d4	*			**50.2**	50.00		100.5	80	120	09/12/2022
Surr: 4-Bromofluorobenzene	*			**49.8**	50.00		99.5	80	120	09/12/2022
Surr: Dibromofluoromethane	*			**50.7**	50.00		101.3	80	120	09/12/2022
Surr: Toluene-d8	*			**49.4**	50.00		98.9	80	120	09/12/2022

Batch 196528 **SampType:** LCS Units µg/L

SampID: LCS-AM220912A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**53.6**	50.00	0	107.1	78.5	119	09/12/2022
Bromoform	*	2.0		**52.2**	50.00	0	104.5	78.9	121	09/12/2022
Ethylbenzene	*	2.0		**53.5**	50.00	0	107.0	78.2	114	09/12/2022
m,p-Xylenes	*	2.0		**108**	100.0	0	107.7	77.2	116	09/12/2022
Methylene chloride	*	2.0		**54.7**	50.00	0	109.4	71.8	115	09/12/2022
Naphthalene	*	5.0		**54.8**	50.00	0	109.7	75.6	121	09/12/2022
o-Xylene	*	2.0		**54.4**	50.00	0	108.9	79.2	112	09/12/2022
Toluene	*	2.0		**53.4**	50.00	0	106.9	78.6	112	09/12/2022
trans-1,2-Dichloroethene	*	2.0		**55.4**	50.00	0	110.7	75.7	130	09/12/2022
Xylenes, Total	*	4.0		**162**	150.0	0	108.1	78.3	114	09/12/2022
Surr: 1,2-Dichloroethane-d4	*			**49.3**	50.00		98.7	80	120	09/12/2022
Surr: 4-Bromofluorobenzene	*			**49.1**	50.00		98.1	80	120	09/12/2022
Surr: Dibromofluoromethane	*			**49.8**	50.00		99.5	80	120	09/12/2022
Surr: Toluene-d8	*			**49.6**	50.00		99.2	80	120	09/12/2022

Client: ERM **Work Order:** 22090508

Client Project: Ameren Taylorville 3rd Qtr 2022 **Report Date:** 19-Sep-22

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

Batch **196528** **SampType:** **LCSD** Units **µg/L** RPD Limit: **15.9**

SampID: LCSD-AM220912A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	*	0.5		**51.7**	50.00	0	103.3	53.57	3.63	09/12/2022
Bromoform	*	2.0		**50.4**	50.00	0	100.7	52.24	3.68	09/12/2022
Ethylbenzene	*	2.0		**51.0**	50.00	0	102.0	53.48	4.73	09/12/2022
m,p-Xylenes	*	2.0		**103**	100.0	0	103.0	107.7	4.49	09/12/2022
Methylene chloride	*	2.0		**52.5**	50.00	0	105.0	54.70	4.09	09/12/2022
Naphthalene	*	5.0		**52.3**	50.00	0	104.6	54.84	4.74	09/12/2022
o-Xylene	*	2.0		**52.4**	50.00	0	104.8	54.45	3.86	09/12/2022
Toluene	*	2.0		**50.8**	50.00	0	101.7	53.43	4.95	09/12/2022
trans-1,2-Dichloroethene	*	2.0		**53.3**	50.00	0	106.5	55.35	3.83	09/12/2022
Xylenes, Total	*	4.0		**155**	150.0	0	103.6	162.1	4.28	09/12/2022
Surr: 1,2-Dichloroethane-d4	*			**50.2**	50.00		100.4			09/12/2022
Surr: 4-Bromofluorobenzene	*			**49.3**	50.00		98.7			09/12/2022
Surr: Dibromofluoromethane	*			**50.5**	50.00		101.0			09/12/2022
Surr: Toluene-d8	*			**49.3**	50.00		98.6			09/12/2022

Receiving Check List

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 3rd Qtr 2022

Work Order: 22090508

Report Date: 19-Sep-22

Carrier: Michael Abegg

Received By: ANC

Completed by: Reannan Willis
On: 08-Sep-22

Reviewed by: Elizabeth A. Hurley
On: 08-Sep-22

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

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C 5.9
Type of thermal preservation?	None ☐	Ice ☑	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Reported field parameters measured:	Field ☐	Lab ☐	NA ☑	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐		

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

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

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

Trip Blank collection date and time will be reported as the received date and time (end of trip). - ehurley - 9/8/2022 3:32:24 PM

CHAIN OF CUSTODY

pg. 1 of 2 Work order # 22090508

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

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

Samples on: ☑ ICE ☐ BLUE ICE ☐ NO ICE ~~4.8~~ 5.9 °C LTG# ~~3~~ 6 AMW

Preserved In: ☐ LAB ☐ FIELD

FOR LAB USE ONLY

Lab Notes: ~~Only 4 vials for MS/MSD-1 and 2~~ AMW
OK HS GW07, GW18D, GW19S, GW19D, GW22D, + MS/MSD 1.

Client Comments
MS/MSD-1 Collected at GW-14
MS/MSD-2 Collected at GW-2
AMW 9/8/22

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

Project Name/Number	Sample Collector's Name
Ameren Taylorville 3rd Qtr 2022	M. Abess

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	Aqueous	Groundwater	Trip Blank	PAHs	VOCs
22090508-001	GW-01	9/8/22; 930	1	2		X		X	X
002	GW-02	9/8/22 0900	1	2		X		X	X
003	GW-03	9/8/22 0810	1	2		X		X	X
004	GW-04R	9/8/22; 0810	1	2		X		X	X
005	GW-05	9/7/22; 1230	1	2		X		X	X
006	GW-07	9/7/22; 1605	1	2		X		X	X
007	GW-14	9/7/22 1420	1	2		X		X	X
008	GW-15	9/8/22, 1050	1	2		X		X	X
009	GW-16S	9/6/22 1415	1	2		X		X	X
010	GW-16D	9/6/22 1340	1	2		X		X	X

Relinquished By	Date/Time	Received By	Date/Time
[signature]	9/8/22 1335	Allison Cole	9/8/22 13:35

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: 74226
AMW/SMT 9/8/22

CHAIN OF CUSTODY

pg. 2 of 3 Work order # 22090508

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

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

Samples on: ☒ ICE ☐ BLUE ICE ☐ NO ICE 6.8 °C LTG# 3
Preserved in: ☒ LAB ☐ FIELD
FOR LAB USE ONLY
Lab Notes:

Client Comments See pg 1

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

Project Name/Number	Sample Collector's Name
Ameren Taylorville 3rd Qtr 2022	M. Abegg

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													
22090508-011	GW-17	9/6/22 1445	1	2								X					X	X													
012	GW-18S	9/7/22 1115	1	2								X					X	X													
013	GW-18D	9/7/22 1050	1	2								X					X	X													
014	GW-19S	9/7/22 1000	1	2								X					X	X													
015	GW-19D	9/7/22 940	1	2								X					X	X													
016	GW-20	9/7/22 800	1	2								X					X	X													
017	GW-21	9/7/22 1300	1	2								X					X	X													
018	GW-22S	9/7/22 720	1	2								X					X	X													
019	GW-22D	9/6/22 1750	1	2								X					X	X													
~~020~~	~~GW-24~~ MS/MSD-2	9/8/22 0900	1	2								X					X	X													

NA

Relinquished By	Date/Time	Received By	Date/Time
[signature]	9/8/22 ; 1335	Allison Colen	9/8/22 13:35

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: 74226

CHAIN OF CUSTODY

pg. 3 of 3 Work order # 22090508

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

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

Samples on: ☒ ICE ☒ BLUE ICE ☒ NO ICE 6-8 °C LTG# 3
Preserved in: ☒ LAB ☒ FIELD **FOR LAB USE ONLY**
Lab Notes:

Client Comments: see PS 1

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

Project Name/Number	Sample Collector's Name
Ameren Taylorville 3rd Qtr 2022	M. Abegg

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
22090508020	~~Dup 1~~ GW-18D-Dup	9/7/22; 1050	1	2		X		X	X
021	Field Blank 1	9/8/22 1000	1	2	X			X	X
022	Trip Blank 1	— —		2			X		X
	~~Trip Blank 2~~			2			X		X
	~~Trip Blank 3~~			2			X		X
	~~Trip Blank 4~~			2			X		X
023	~~Dup 2~~ GW-3-Dup	9/8/22; 0840	1	2		X		X	X
024	GW-25	9/6/22; 1520	1	2		X		X	X
025	GW-26	9/6/22 1550	1	2		X		X	X
	MS/MSD-1	9/7/22 1420	2	6		X		X	X

Relinquished By	Date/Time	Received By	Date/Time
[signature]	9/8/22; 1335	Allison Colen	9/8/22 13:35

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: 74226

ATTACHMENT B

SUMMARY OF ANALYTICAL RESULTS 2015 – SEPTEMBER 2022

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

GW-01 Analyte	Unit	Remediation Objective (RO)	Result 3/4/2015	Result 5/13/2015	Result 8/19/2015	Result 11/3/2015	Result 2/17/2016	Result 5/25/2016	Result 8/17/2016	Result 11/15/2016	Result (DUP) 11/15/2016	Result 2/14/2017
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	---	---	---	---	---
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

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

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

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

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

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

GW-01 Analyte	Unit	Remediation Objective (RO)	Result 11/8/2018	Result (DUP) 11/8/2018	Result 2/19/2019	Result 5/7/2019	Result 8/14/2019	Result 11/13/2019	Result 2/19/2020	Result 5/14/2020	Result 8/13/2020	Result 11/11/2020	Result 2/24/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000088** J	< 0.0001	< 0.0001 B	< 0.000222	< 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	< 0.000074	< 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	< 0.000074	< 0.0001	< 0.0001	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.00006** J	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000148	< 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	< 0.000074	< 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	< 0.00148 C	< 0.002 C	< 0.002 C	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 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	< 0.000074	< 0.0001	< 0.0001	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 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	< 0.000222	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000148	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 B	< 0.000074	< 0.0001	< 0.0001	< 0.0002
m,p-Cresol	mg/L	-	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 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
Naphthalene	mg/L	0.14	---	---	---	< 0.0002	**0.000891**	< 0.0002	< 0.0002	< 0.000296	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000444	< 0.0006	< 0.0006	**0.0007**
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002 B	< 0.000148	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 1	< 1	< 1	< 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
NA = Not analyzed due to laboratory error.

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

GW-01 Analyte	Unit	Remediation Objective (RO)	Result 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	NA	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	NA	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	NA	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	NA	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	NA	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	NA	**0.000074 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	NA	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	NA	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	NA	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	NA	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	NA	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	NA	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	NA	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	NA	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	NA	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	NA	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	NA	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	NA	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	NA	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	NA	< 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	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	**0.37 J**	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 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	< 2	< 2	**0.37 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
NA = Not analyzed due to laboratory error.

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

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

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

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

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

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

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

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

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

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

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

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

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

GW-02 Analyte	Unit	Remediation Objective (RO)	Result (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 2022
Ameren Taylorville, IL MGP Site

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

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

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

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

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

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

GW-03 Analyte	Unit	Remediation Objective (RO)	Result 8/14/2018	Result 11/7/2018	Result 2/20/2019	Result 5/8/2019	Result 8/13/2019	Result 11/14/2019	Result 2/19/2020	Result 5/12/2020	Result 8/14/2020	Result 11/10/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	0.000624	0.000792	0.00122	0.000844	0.00117	0.00139	0.000473
Acenaphthylene	mg/L	-	0.000143	0.000083 J	0.00018	0.00247	0.00229	0.00563	0.00292	0.0042 J	0.00501	0.00183
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000163	0.00013	0.000154	0.00017 J	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	0.000055 J	0.000096 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000082	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	0.000072 J	< 0.0001	< 0.0001	0.00006 J	< 0.0001	< 0.0001	< 0.000082	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	0.00005 J	0.000101	< 0.0001	< 0.0001	0.000133	< 0.0001	< 0.0001	< 0.000082	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	0.000051 J	< 0.0001	< 0.0002	0.00018 J	< 0.0002	< 0.0002	< 0.000164	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000082	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	0.00266	< 0.002	0.00655	0.00207	< 0.05	0.0109	< 0.00164 C	0.0461 C	< 0.002 C
Chrysene	mg/L	0.0015	< 0.0001	0.000076 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000082	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000082	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.0082	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	0.00103	0.000901	0.000626	0.00089	0.000664	0.00101	0.000421	0.000306	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	0.000828	0.00113	0.00244	0.00186	0.00274	0.00314	0.0012
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00031	< 0.0001	0.000081 J	< 0.000082	0.000071 J	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	0.00057 J	< 0.01	< 0.01	< 0.0082	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	0.00094 J	< 0.01	< 0.01	< 0.0082	< 0.01	< 0.0100
Naphthalene	mg/L	0.14	---	---	---	0.542	0.00132	0.597	0.153	0.521	0.587	0.128
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	0.000653	0.000613	0.000971	0.0011	0.000605
Pyrene	mg/L	0.21	0.00155	0.00118	0.000953 B	0.00155	0.00109	0.00183	0.000819	0.000661	0.000298	< 0.0002
Benzene	µg/L	5.0	0.16 J	0.41 J	3.71	43.9	30.2	10.8	24	50.1	47.1	16.2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 20	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	0.14 J	23.8	7.3 J	3.81	12.7	42.6	40.5	21.6
m,p-Xylenes	µg/L	-	< 1	0.31 J	2.65	124	83.1	22.8	41.6	135	76	9.33
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 20	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	1.8 J	26.9	606	1020	674	654	1000	842	924
o-Xylene	µg/L	-	0.13 J	1.02	5.56	112	86.8	28.6	52.2	124	107	31
Toluene	µg/L	1000	0.16 J	< 2	0.29 J	43.4	11 J	2.68	6.2	21.8	11.5	2.34
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 20	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 1	1.33	8.21	237	170	51.3	93.9	259	183	40.4

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

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

GW-03 Analyte	Unit	Remediation Objective (RO)	Result 2/24/2021	Result (DUP) 2/24/2021	Result 5/13/2021	Result 8/11/2021	Result 11/9/2021	Result 2/16/2022	Result 5/12/2022	Result 9/8/2022	Result (DUP) 9/8/2022
Acenaphthene	mg/L	0.42	**0.00078**	**0.000795**	**0.000597**	**0.000938**	**0.000681**	**0.00064**	**0.00114**	**0.000699**	**0.000717**
Acenaphthylene	mg/L	-	**0.00346**	**0.00309**	**0.00245**	**0.00292**	**0.00242**	**0.00245**	**0.00419**	**0.00275**	**0.00276**
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	**0.00024 J**	**0.00023 J**	< 0.0003	**0.00025 J**	< 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	**0.00316**	< 0.002	**0.0018 J**	< 0.002	**0.0019 BJ**	**0.00277**	**0.0029**	**0.0018 J**	**0.0015 J**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
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	**0.00228**	**0.00235**	**0.00159**	**0.00262**	**0.00178**	**0.00175**	**0.0029**	**0.00188**	**0.00184**
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	< 0.01	0.133
Naphthalene	mg/L	0.14	**0.239**	**0.181**	**0.202 S**	**0.157**	**0.129**	**0.0873**	**0.329 S**	0.114	< 0.01
Phenanthrene	mg/L	-	**0.001080**	**0.000925**	**0.000769**	**0.00127**	**0.000785**	**0.000776**	**0.00143**	**0.00109**	**0.00103**
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	**23.6**	**22.8**	**10.4**	**24.2**	**11.2**	**13.3**	**24.6**	**8.58**	**11**
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 20	< 2	< 2
Ethylbenzene	µg/L	700	**32.4**	**31.6**	**12.5**	**37.9**	**13.2**	**15.9**	**27.7**	**9.77**	**15**
m,p-Xylenes	µg/L	-	**25.8**	**25.5**	**6.19**	**16.4**	**3.16**	**3.42**	**31.9**	**1.57**	**2.01**
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 20	< 2	< 2
Naphthalene	µg/L	140	**421**	**425**	**285 E**	**511**	**224**	**161**	**375**	**143**	**192**
o-Xylene	µg/L	-	**41.7**	**40.7**	**15.7**	**38**	**13.8**	**12.5**	**40.2**	**8.35**	**11**
Toluene	µg/L	1000	**5.63**	**5.52**	**1.3 J**	**4.37**	**2 J**	**1.1 J**	**9.3 J**	**0.74 J**	**1 J**
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 20	< 2	< 2
Xylenes, Total	µg/L	10000	**67.5**	**66.2**	**21.9**	**54.4**	**17**	**15.9**	**72.1**	**9.92**	**13**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Notes:
B = Analyte detected in associated method blank
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 2022
Ameren Taylorville, IL MGP Site

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

Notes:
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
H=Laboratory hold times exceeded. GW-05 and GW-07 reanalyzed for Napthalene at ERM request after laboratory instrument carryover suspected from GW-04R sample.

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

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

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

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

GW-05 Analyte	Unit	Remediation Objective (RO)	Result 11/11/2020	Result 2/24/2021	Result 5/11/2021	Result 8/12/2021	Result 11/9/2021	Result 2/15/2022	Result 5/10/2022	Result 9/7/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 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	< 0.0001	< 0.0001	**0.000075 J**	< 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	**0.00845 S**	**0.0087**	**0.00374**	**0.00627**	**0.00213 B**	< 0.0002	< 0.0002	**0.0017 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	< 0.0002	< 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 R	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.0100 SR	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	**0.00159 S**	**0.00111**	< 0.0004	**0.00194**	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0006	**0.000838**	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	**0.000221**	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 B	< 0.0002
Benzene	µg/L	5.0	< 0.5	**0.18 J**	< 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	**0.25 J**	**0.22 J**	< 1	< 1	**1.21**	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	**0.29 J**	**0.2 J**	< 1	< 1	**0.99 J**	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2 H	< 2	**1 J**	< 1
o-Xylene	µg/L	-	**0.17 JS**	**0.14 J**	< 1	< 1	**0.74 J**	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	**0.12 J**	< 2	< 2	**0.3 J**	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	**0.46 J**	**0.34 J**	< 2	< 2	**1.7 J**	< 2	< 2	< 2

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

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

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

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

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

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

Notes:
B = Analyte detected in associated method blank
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Attachment B
Summary of Analytical Results 2015 - September 2022
Ameren Taylorville, IL MGP Site

GW-07 Analyte	Unit	Remediation Objective (RO)	Result 5/8/2019	Result 8/13/2019	Result (Dup) 8/13/2019	Result 11/13/2019	Result 2/18/2020	Result 5/12/2020	Result 8/13/2020	Result 11/10/2020	Result 2/23/2021
Acenaphthene	mg/L	0.42	**0.000136**	**0.000078 J**	**0.000086 J**	**0.000099 J**	**0.000077 J**	**0.000063 J**	**0.000071 J**	**0.000076 J**	**0.000076 J**
Acenaphthylene	mg/L	-	**0.000253**	**0.000142**	**0.000135**	**0.000186**	**0.000116**	**0.000098**	**0.000105**	**0.000142**	**0.000168**
Anthracene	mg/L	2.1	**0.00186**	**0.00106**	**0.00101**	**0.000964 R**	**0.000877**	**0.00069**	**0.000772**	**0.0012**	**0.00144**
Benzo(a)anthracene	mg/L	0.00013	**0.000225**	**0.000213**	**0.000189**	**0.000221**	**0.000164**	**0.000141**	**0.000168**	**0.000155**	**0.000119**
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0005	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0005 R	**0.000057 J**	< 0.000072	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.001 R	< 0.0002	< 0.000144	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0005	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0019 J**	**0.00364 S**	**0.0048**	< 0.005 S	**0.011**	**0.0022 C**	**0.00202 C**	**0.00655**	**0.00975**
Chrysene	mg/L	0.0015	**0.000145**	**0.000121**	**0.000145**	**0.000184**	**0.000116**	**0.000101**	**0.00014**	**0.000112**	**0.000082** J
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0005	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	---	< 0.01	< 0.01	< 0.01	< 0.01	< 0.00719	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	**0.00214**	**0.00142**	**0.00137**	**0.00126**	**0.00113**	**0.000996**	**0.000951**	**0.00119**	**0.00131**
Fluorene	mg/L	0.28	**0.000457**	**0.000249**	**0.000255**	**0.000284**	**0.000235**	**0.000165**	**0.000205**	**0.000278**	**0.000295**
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0005 SR	< 0.0001	< 0.000072	**0.000076 J**	< 0.0001	< 0.0002
m,p-Cresol	mg/L	-	---	< 0.01	< 0.01	< 0.01	< 0.01	< 0.00719	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	< 0.01	< 0.01	< 0.01	< 0.01	< 0.00719	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.0002	< 0.0002	**0.00019 J**	< 0.000288	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000432	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	**0.00312**	**0.00199**	**0.00194**	**0.00012 JSR**	**0.0016**	**0.00152**	**0.0014**	**0.00185**	**0.00197**
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.51**	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.12 J**	< 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	**6.07**	< 2	**0.64 J**	**1.4 J**	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	**0.1 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	< 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
H=Laboratory hold times exceeded. GW-05 and GW-07 reanalyzed for Napthalene at ERM request after laboratory instrument carryover suspected from GW-04R sample.

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

GW-07 Analyte	Unit	Remediation Objective (RO)	Result 5/12/2021	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	**0.000118**	**0.000079 J**	**0.000136**	**0.000183**	**0.000145**	**0.000118**
Acenaphthylene	mg/L	-	**0.000117**	**0.000137**	**0.000186**	**0.000251**	**0.000149**	**0.00017**
Anthracene	mg/L	2.1	**0.00119**	**0.00124**	**0.00146**	**0.00144**	**0.00153**	**0.00162**
Benzo(a)anthracene	mg/L	0.00013	**0.000161**	**0.000186**	**0.000235**	**0.000185**	**0.000182**	**0.000212**
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	**0.00732**	**0.00233**	**0.00403 S**	**0.00290**	**0.00471**	**0.0015 J**
Chrysene	mg/L	0.0015	**0.000102**	**0.000122**	**0.00017**	**0.000177**	**0.000163**	**0.000164**
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	**0.00136**	**0.00146**	**0.00164**	**0.00147**	**0.00169**	**0.00154**
Fluorene	mg/L	0.28	**0.000343**	**0.000305**	**0.00039**	**0.000516**	**0.000368**	**0.000331**
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	**0.00329**	< 0.0004	< 0.0004	**0.00269**	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	**0.00227**	**0.00233**	**0.0026**	**0.0025**	**0.0030**	**0.0028**
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	**0.32 J**	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	**0.54 J**	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	**1.4 J**	< 2	< 2 H	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	**0.21 J**	< 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	**0.75 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
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R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter
H=Laboratory hold times exceeded. GW-05 and GW-07 reanalyzed for Napthalene at ERM request after laboratory instrument carryover suspected from GW-04R sample.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GW-14 Analyte	Unit	Remediation Objective (RO)	Result 3/3/2015	Result (DUP) 3/3/2015	Result 5/11/2015	Result 8/18/2015	Result 11/3/2015	Result 2/16/2016	Result 5/24/2016	Result 8/17/2016	Result 11/15/2016	Result 2/15/2017	Result 5/16/2017
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.00227	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.00227	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.00227	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00023	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0018** J	**0.00214**	**0.00952**	**0.00738**	**0.00818**	**0.0154**	---	---	---	---	**0.0316**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.00227	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.00023	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.00023	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.0001	**0.00014**	< 0.00023	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.00227	< 0.0064	**0.0001** J	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.00227	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	**0.22**	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	**0.26** J	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

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

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

GW-14 Analyte	Unit	Remediation Objective (RO)	Result 8/16/2017	Result 11/21/2017	Result 2/15/2018	Result 5/7/2018	Result 8/13/2018	Result 11/7/2018	Result 2/19/2019	Result 5/8/2019	Result 8/12/2019	Result 11/12/2019
Acenaphthene	mg/L	0.42	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 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	< 0.0001	< 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
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.0001	< 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
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00962**	< 0.006	**0.0094**	**0.00367**	**0.0173**	**0.0126**	< 0.002	< 0.002	**0.00622**	**0.00583**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	**0.000031 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	---	---	---	---	---	---	---	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	**0.000095**	< 0.0001 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	< 0.01	< 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	**0.000182 B**	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.5	**0.2 J**	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.1	< 2	**1.4 J**	< 2	< 2	**2.89**	< 2 B	< 2	< 2
o-Xylene	µg/L	-	< 2	< 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	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 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 2022
Ameren Taylorville, IL MGP Site

GW-14 Analyte	Unit	Remediation Objective (RO)	Result 2/18/2020	Result 5/12/2020	Result 8/13/2020	Result 11/10/2020	Result 2/23/2021	Result 5/11/2021	Result 8/12/2021	Result 11/9/2021	Result 2/16/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.000217	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.000145	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0108**	**0.00417 C**	**0.0336 C**	**0.00766**	**0.00935**	**0.00934**	**0.0139**	**0.0200 B**	**0.0016 J**
Chrysene	mg/L	0.0015	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.00725	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.000217	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.000145	< 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	< 0.000072	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.00725	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.00725	< 0.01	< 0.01	< 0.01	< 0.01	0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.00029	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.000435	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.000145	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.38 J**	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.72 J**	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	**2.88**	< 2	**0.38 J**	< 2 B	**1.6 J**	**0.49 J**	< 2	**2.53**	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.36 J**	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**0.19 J**	< 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	**1.1 J**	< 2

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Notes:
B = Analyte detected in associated method blank
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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 2022
Ameren Taylorville, IL MGP Site

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

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

GW-16S Analyte	Unit	Remediation Objective (RO)	Result 3/2/2015	Result 5/12/2015	Result 8/18/2015	Result 11/2/2015	Result 2/17/2016	Result 5/24/2016	Result 8/16/2016	Result 11/15/2016	Result 2/14/2017	Result 5/15/2017	Result 8/16/2017
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	---	---	---	---	**0.00264**	**0.00446**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	**0.00017** J	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	**0.62**	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

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

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

GW-16S Analyte	Unit	Remediation Objective (RO)	Result 11/20/2017	Result 2/14/2018	Result 5/7/2018	Result 8/14/2018	Result 11/6/2018	Result 2/18/2019	Result 5/7/2019	Result 8/12/2019	Result 11/11/2019	Result 2/18/2020
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	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.006	**0.0446**	**0.0293**	**0.0142**	< 0.002	**0.00774**	**0.00353**	**0.012**	**0.00454**	**0.0327**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0001 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	**0.000273**	< 0.0002
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	< 0.01	< 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	-	**0.000133 B**	< 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 B	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002	**0.00011 J**	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 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	**0.34 J**	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.1	< 2	**0.7 J**	< 2	< 2	< 2	< 2 B	< 2	**1 J**	**1.1 J**
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2	< 2	< 2

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

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

GW-16S Analyte	Unit	Remediation Objective (RO)	Result 5/11/2020	Result 8/12/2020	Result 11/9/2020	Result 2/22/2021	Result 5/10/2021	Result 8/10/2021	Result 11/8/2021	Result 2/15/2022	Result 5/9/2022	Result 9/6/2022
Acenaphthene	mg/L	0.42	< 0.000076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.000076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.000227	< 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	< 0.000076	< 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	< 0.000076	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000076 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.000152	< 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	< 0.000076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00207 C**	**0.00771 C**	**0.00589**	< 0.002	**0.00203**	**0.0068**	**0.0016 J**	**0.0016 J**	**0.0019 J**	**0.0024**
Chrysene	mg/L	0.0015	< 0.000076	< 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	< 0.000076	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.00758	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.000227	< 0.0003	< 0.0003	< 0.0003	< 0.0003	**0.00057**	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.000152	< 0.0002	< 0.0002	< 0.0002	< 0.0002	**0.000992**	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000076	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.00758	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.00758	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.000303	**0.00164**	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.000455	< 0.0006	< 0.0006	< 0.0006	< 0.0006	**0.00255**	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.000152	< 0.0002	< 0.0002	< 0.0002	< 0.0002	**0.000486**	< 0.0002	< 0.0002	< 0.0002 B	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	**0.16 J**	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	**0.49 J**	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2 B	**0.43 J**	< 2	< 2	**1.2 J**	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	**0.12 J**	< 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	**0.61 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 2022
Ameren Taylorville, IL MGP Site

GW-16D Analyte	Unit	Remediation Objective (RO)	Result 3/2/2015	Result 5/11/2015	Result 5/11/2015	Result 8/17/2015	Result 11/2/2015	Result 2/17/2016	Result 5/24/2016	Result 8/16/2016	Result 11/14/2016	Result 2/14/2017
Acenaphthene	mg/L	0.42	< 0.01	< 0.00263	< 0.00263	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.00263	< 0.00263	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.00263	< 0.00263	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00026	< 0.00026	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00272**	**0.0095**	**0.0095**	**0.0031**	**0.00294**	**0.00425**	---	---	---	---
Chrysene	mg/L	0.0015	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.00263	< 0.00263	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.00026	< 0.00026	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.00026	< 0.00026	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	---	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.00026	< 0.00026	< 0.0001	< 0.0001	< 0.0001	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.00263	< 0.00263	< 0.0064	**0.00011 J**	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.00263	< 0.00263	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	**0.89 J**	**0.95 J**	**0.95 J**	**0.99 J**	**1.2 J**	**0.88 J**	**0.57 J**	**0.44 J**	**0.51 J**	**0.44 J**
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

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

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

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

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

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

GW-16D Analyte	Unit	Remediation Objective (RO)	Result (DUP) 5/7/2019	Result 8/12/2019	Result 11/12/2019	Result 2/18/2020	Result 5/11/2020	Result 8/12/2020	Result 11/9/2020	Result 2/22/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000222	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000148	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00421**	**0.0141**	< 0.002	< 0.002	**0.012 C**	**0.00595 C**	**0.011 C**	**0.005**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000222	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000148	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0002
m,p-Cresol	mg/L	-	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 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
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000296	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000444	< 0.0006	< 0.0006	**0.00101**
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000148	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	**0.77**	**0.3 J**	**0.11 J**	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
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	**0.79 J**	**0.83 J**	< 2	< 2	< 2 B	**0.34 J**
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2

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

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

GW-16D 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
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	**0.000076** J	< 0.0001	**0.0016** J	< 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** J	**0.00206**	< 0.002	< 0.002	**0.00299**	**0.0017** 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	< 0.0002	< 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	< 0.0004
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.01
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 B	< 0.0002
Benzene	µg/L	5.0	< 0.5	**0.15** J	< 0.5	< 0.5	**0.38** J	**0.52**
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	**0.16** J	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	**0.52** J	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	**0.92** J	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	**0.13** J	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	**0.13** J	< 2	**0.1** J
Xylenes, Total	µg/L	10000	< 2	< 2	**0.65** 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 2022
Ameren Taylorville, IL MGP Site

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

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

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

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

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

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

GW-17 Analyte	Unit	Remediation Objective (RO)	Result 8/12/2020	Result 11/11/2020	Result 2/22/2021	Result 5/10/2021	Result 8/10/2021	Result 11/8/2021	Result 2/15/2022	Result 5/9/2022	Result 9/6/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000074 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00467 C**	< 0.002 C	**0.0029**	< 0.002	0.00739	< 0.002	< 0.002	< 0.002	**0.00752**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	**0.000078 J**	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 B	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	**0.12 J**	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	**0.53 J**	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2 B	**0.38 J**	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	**0.12 J**	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	**0.65 J**	< 2	< 2	< 2

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

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

GW-18S Analyte	Unit	Remediation Objective (RO)	Result 3/4/2015	Result 5/12/2015	Result 8/19/2015	Result 11/4/2015	Result 2/18/2016	Result 5/25/2016	Result 8/18/2016	Result 11/16/2016	Result 2/16/2017	Result 5/17/2017	Result 8/18/2017
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0011** J	< 0.002	**0.00211**	**0.0014** J	**0.0013** J	---	---	---	---	**0.00827**	**0.0015** J
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	**0.000092** J
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	**0.2** B	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	**0.94**	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

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

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

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

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

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

GW-18S Analyte	Unit	Remediation Objective (RO)	Result 8/14/2020	Result 11/11/2020	Result 2/23/2021	Result 5/11/2021	Result 8/11/2021	Result 11/10/2021	Result - DUP 11/10/2021	Result 2/16/2022	Result 5/9/2022	Result 9/7/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003 B	< 0.0003 B	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000071 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00244 C**	**0.00299**	**0.00249**	**0.00329**	< 0.002	**0.00305**	< 0.002	< 0.002	< 0.002	**0.00228**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	**0.00007 J**	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 B	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	**0.11 J**	**0.13 J**	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	**0.39 J**	**0.45 J**	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2 B	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	**0.11 J**	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**0.13 J**	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	**0.39 J**	**0.56 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 2022
Ameren Taylorville, IL MGP Site

GW-18D Analyte	Unit	Remediation Objective (RO)	Result 3/4/2015	Result 5/12/2015	Result (DUP) 5/12/2015	Result 8/19/2015	Result 11/4/2015	Result 2/18/2016	Result (DUP) 2/18/2016	Result 5/25/2016	Result 8/18/2016	Result 11/16/2016	Result 2/16/2017
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0014** J	**0.0014** J	**0.0033**	**0.003**	**0.0019** J	**0.00201**	< 0.002	---	---	---	---
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.0001 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	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	**0.21** B	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	**5.63**	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	**0.3** J	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

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

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

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

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

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

GW-18D Analyte	Unit	Remediation Objective (RO)	Result 11/12/2019	Result 2/19/2020	Result 5/13/2020	Result 8/14/2020	Result 11/11/2020	Result 2/23/2021	Result (DUP) 2/23/2021	Result 5/11/2021	Result 8/11/2021	Result 11/10/2021	Result 2/16/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.000233	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003 B	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.005	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.005	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.005	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.01	< 0.0002	< 0.000155	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.005	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.1	**0.00559**	< 0.00155 C	< 0.002 C	**0.00331**	< 0.002	**0.0019** J	**0.00269**	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.005	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.005	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.00775	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.000233	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.000155	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.005	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.00775	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.00775	< 0.01	< 0.0004	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.00031	< 0.0004	< 0.01	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.000465	< 0.0006	< 0.0006	< 0.0006	**0.00185**	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.000155	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.13** J	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.41** J	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	**0.45** J	< 2	< 2	< 2 B	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.13** J	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	**0.32** J	**0.21** J	< 2	**0.13** J	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**0.54** J	< 2

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

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

GW-18D Analyte	Unit	Remediation Objective (RO)	Result 5/9/2022		Result 9/7/2022		Result (DUP) 9/7/2022	
Acenaphthene	mg/L	0.42	< 0.0001		< 0.0001		< 0.0001	
Acenaphthylene	mg/L	-	< 0.0001		< 0.0001		< 0.0001	
Anthracene	mg/L	2.1	< 0.0003		< 0.0003		< 0.0003	
Benzo(a)anthracene	mg/L	0.00013	< 0.0001		< 0.0001		< 0.0001	
Benzo(a)pyrene	mg/L	0.0002	< 0.0002		< 0.0002		< 0.0002	
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001		< 0.0001		< 0.0001	
Benzo(g,h,i)perylene	mg/L	-	< 0.0002		< 0.0002		< 0.0002	
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001		< 0.0001		< 0.0001	
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00295**		**0.00284**		**0.0017**	J
Chrysene	mg/L	0.0015	< 0.0001		< 0.0001		< 0.0001	
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002		< 0.0002		< 0.0002	
Di-n-butyl phthalate	mg/L	0.7	< 0.01		< 0.01		< 0.01	
Fluoranthene	mg/L	0.28	< 0.0003		< 0.0003		< 0.0003	
Fluorene	mg/L	0.28	< 0.0002		< 0.0002		< 0.0002	
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002		< 0.0002		< 0.0002	
m,p-Cresol	mg/L	-	< 0.01		< 0.01		< 0.01	
o-Cresol	mg/L	0.35	< 0.01		< 0.01		< 0.01	
Naphthalene	mg/L	0.14	< 0.0004		< 0.0004		< 0.0004	
Phenanthrene	mg/L	-	< 0.0006		< 0.0006		< 0.0006	
Pyrene	mg/L	0.21	< 0.0002	B	< 0.0002		< 0.0002	
Benzene	µg/L	5.0	< 0.5		< 0.5		< 0.5	
Bromoform	µg/L	1.0	< 2		< 2		< 2	
Ethylbenzene	µg/L	700	< 1		< 1		< 1	
m,p-Xylenes	µg/L	-	< 1		< 1		< 1	
Methylene chloride	µg/L	5.0	< 2		< 2		< 2	
Naphthalene	µg/L	140	< 2		< 2		< 2	
o-Xylene	µg/L	-	< 1		< 1		< 1	
Toluene	µg/L	1000	< 2		< 2		< 2	
trans-1,2-Dichloroethene	µg/L	100	< 2		< 2		< 2	
Xylenes, Total	µg/L	10000	< 2		< 2		< 2	

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

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

GW-19S Analyte	Unit	Remediation Objective (RO)	Result 3/4/2015	Result 5/11/2015	Result 8/20/2015	Result 11/4/2015	Result 2/18/2016	Result 5/25/2016	Result 8/18/2016	Result 11/16/2016	Result 2/16/2017	Result 5/17/2017	Result 8/18/2017
Acenaphthene	mg/L	0.42	< 0.01	< 0.00714 H	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0002	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.00714 H	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0002	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.00071 H	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0002	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00071 H	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.0002	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00595**	**0.0304 H**	**0.00871**	**0.00222**	**0.00259**	---	---	---	---	**0.0109**	**0.00473**
Chrysene	mg/L	0.0015	< 0.0001	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	**0.00079 H**	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0002	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.00071 H	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.00071 H	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.0001 B	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.00071 H	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.00071 H	< 0.0064	**0.0001 J**	**0.00012 J**	< 0.0064	< 0.0064	< 0.0002	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.00071 H	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0002	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	**0.45 J**	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
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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 2022
Ameren Taylorville, IL MGP Site

GW-19S Analyte	Unit	Remediation Objective (RO)	Result (DUP) 8/18/2017	Result 11/21/2017	Result 2/15/2018	Result 5/8/2018	Result 8/14/2018	Result 11/8/2018	Result 2/19/2019	Result (DUP) 2/19/2019	Result 5/7/2019	Result 8/13/2019
Acenaphthene	mg/L	0.42	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 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	< 0.0001	< 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
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000051 J**	< 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	**0.00579**	< 0.006	**0.0013 J**	**0.00502**	**0.0149**	< **0.002**	**0.0146**	**0.00315**	**0.00632**	**0.0342**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	---	---	---	---	---	---	---	---	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	**0.000112**	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	< 0.0002	< 0.0002
Phenanthrene	mg/L	-	< 0.0064	**0.000175**	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002 B	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 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
Ethylbenzene	µg/L	700	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 2	< 2	< 2	< 2	< 2	**0.41 J**	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 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	< 5	< 2	< 2	< 2	**0.1 J**	**0.11 J**	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2

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

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

GW-19S Analyte	Unit	Remediation Objective (RO)	Result 11/13/2019	Result 2/19/2020	Result 5/13/2020	Result 8/13/2020	Result 11/10/2020	Result 2/23/2021	Result 5/11/2021	Result 8/11/2021	Result 11/10/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.000234	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003 B
Benzo(a)anthracene	mg/L	0.00013	**0.000054 J**	< 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	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	**0.000071 J**	< 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	< 0.0002	< 0.000156	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.002 J**	< 0.002	< 0.00156 C	< 0.002 C	< 0.002 C	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	**0.000058 J**	< 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	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.00781	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.000234	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.000156	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.00781	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.00781	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.000312	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.000469	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 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	< 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	**0.15 J**
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.5 J**
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	**0.39 J**	< 2	< 2	< 2 B	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.11 J**
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	**0.61 J**

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

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

GW-19S Analyte	Unit	Remediation Objective (RO)	Result 2/16/2022	Result- DUP 2/16/2022	Result 5/9/2022	Result 9/7/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	**0.00238**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002 B	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 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 2022
Ameren Taylorville, IL MGP Site

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

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

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

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

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

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

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

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

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

GW-19D Analyte	Unit	Remediation Objective (RO)	Result 11/10/2020	Result - DUP 11/10/2020	Result 2/23/2021	Result 5/11/2021	Result 8/11/2021	Result 11/10/2021	Result 2/16/2022	Result 5/9/2022	Result 9/7/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
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 B	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002 C	< 0.002 C	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	**0.00391**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002 B	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	**0.13 J**	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	**0.5 J**	< 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 B	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	**0.12 J**	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**0.12 J**	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	**0.62 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 2022
Ameren Taylorville, IL MGP Site

GW-20 Analyte	Unit	Remediation Objective (RO)	Result 3/5/2015	Result (DUP) 3/5/2015	Result 5/11/2015	Result 8/20/2015	Result 11/4/2015	Result 2/18/2016	Result 5/27/2016	Result 8/18/2016	Result 11/16/2016	Result 2/16/2017
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	**0.00009 J**	**0.00016**	< 0.0001	< 0.0001	**0.00008 J**	< 0.0001	**0.00009 J**	**0.00007 J**
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	**0.00024**	**0.00026**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.0001 J**	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	**0.00019**	**0.00022**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	**0.00024 J**	**0.00024 J**	< 0.00076	< 0.00076	< 0.00076	< 0.00076	**0.00012 J**	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	---	---	---	---
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	**0.00011 J**	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	**0.00015**	**0.00016**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.0001 B	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	**0.0001 J**	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	**0.00014 J**	**0.00019 J**	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	**0.45 J**	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

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

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

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

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

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

GW-20 Analyte	Unit	Remediation Objective (RO)	Result 11/14/2019	Result 2/19/2020	Result 5/13/2020	Result 8/14/2020	Result 11/10/2020	Result 2/23/2021	Result 5/11/2021	Result (DUP) 5/11/2021	Result 8/11/2021	Result 11/10/2021	Result 2/16/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	**0.000111**	< 0.0001	**0.000106**	**0.000139**	**0.000155**	**0.000075** J	**0.000330**	**0.000509**	**0.000498**	**0.000229**	**0.00062**
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.000231	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003 B	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	**0.000087** J	< 0.0001	**0.000129**	**0.000195**	**0.000141**	< 0.000100	**0.000388**	**0.000671**	**0.000565**	**0.000316**	**0.000693**
Benzo(a)pyrene	mg/L	0.0002	**0.000249**	**0.000107**	**0.000337**	**0.000648**	**0.000505**	**0.000238**	**0.001350**	**0.002230**	**0.00193**	**0.000893**	**0.00224**
Benzo(b)fluoranthene	mg/L	0.00018	**0.000214**	**0.000138**	**0.000283**	**0.000586**	**0.000342**	**0.000174**	**0.001070**	**0.001840**	**0.00173**	**0.000825**	**0.00198**
Benzo(g,h,i)perylene	mg/L	-	**0.000279**	**0.00017** J	**0.000366**	**0.000805**	**0.000547**	**0.000243**	**0.001290**	**0.001970**	**0.00203**	**0.000894**	**0.00219**
Benzo(k)fluoranthene	mg/L	0.00017	**0.000055** J	< 0.0001	**0.000099**	**0.000147**	**0.000085** J	< 0.000100	**0.000302**	**0.000497**	**0.000521**	**0.00017**	**0.000629**
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.00154 C	< 0.002 C	< 0.002 C	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	**0.000109**	< 0.0001	**0.00013**	**0.000245**	**0.000183**	**0.000073** J	**0.000548**	**0.000921**	**0.000754**	**0.000398**	**0.000937**
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.000077	**0.000138**	**0.00008** J	< 0.0002	**0.00018** J	**0.000294**	**0.000376**	**0.00012** J	**0.000408**
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.000231	< 0.0003	< 0.0003	< 0.0003	**0.000342**	**0.000652**	**0.000616**	**0.000316**	**0.00069**
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.000154	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	**0.000197**	**0.000148**	**0.000251**	**0.000537**	**0.000319**	< 0.000200	**0.000892**	**0.001470**	**0.0014**	**0.000611**	**0.00161**
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.000308	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.000462	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	**0.00016** J	< 0.0002	**0.000239**	**0.000248**	**0.000328**	< 0.000200	**0.000845**	**0.001510**	**0.00127**	**0.000613**	**0.00156**
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.12** J	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.47** J	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2 B	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**0.47** J	< 2

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

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

GW-20 Analyte	Unit	Remediation Objective (RO)	Result 5/9/2022		Result 9/7/2022	
Acenaphthene	mg/L	0.42	< 0.0001		< 0.0001	
Acenaphthylene	mg/L	-	**0.00008**	**J**	**0.0007**	
Anthracene	mg/L	2.1	< 0.0003		< 0.0003	
Benzo(a)anthracene	mg/L	0.00013	**0.000088**	**J**	**0.000921**	
Benzo(a)pyrene	mg/L	0.0002	**0.000337**		**0.00271**	
Benzo(b)fluoranthene	mg/L	0.00018	**0.000258**		**0.0024**	
Benzo(g,h,i)perylene	mg/L	-	**0.000441**		**0.00283**	
Benzo(k)fluoranthene	mg/L	0.00017	**0.00008**	**J**	**0.000695**	
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002		**0.0016**	**J**
Chrysene	mg/L	0.0015	**0.000151**		**0.00118**	
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002		**0.00049**	
Di-n-butyl phthalate	mg/L	0.7	< 0.01		< 0.01	
Fluoranthene	mg/L	0.28	< 0.0003		**0.001**	
Fluorene	mg/L	0.28	< 0.0002		< 0.0002	
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	**0.000345**		**0.00202**	
m,p-Cresol	mg/L	-	< 0.01		< 0.01	
o-Cresol	mg/L	0.35	< 0.01		< 0.0004	
Naphthalene	mg/L	0.14	< 0.0004		< 0.01	
Phenanthrene	mg/L	-	< 0.0006		< 0.0006	
Pyrene	mg/L	0.21	**0.000208**	**B**	**0.00197**	
Benzene	µg/L	5.0	< 0.5		< 0.5	
Bromoform	µg/L	1.0	< 2		< 2	
Ethylbenzene	µg/L	700	< 1		< 1	
m,p-Xylenes	µg/L	-	< 1		< 1	
Methylene chloride	µg/L	5.0	< 2		< 2	
Naphthalene	µg/L	140	< 2		< 2	
o-Xylene	µg/L	-	< 1		< 1	
Toluene	µg/L	1000	< 2		< 2	
trans-1,2-Dichloroethene	µg/L	100	< 2		< 2	
Xylenes, Total	µg/L	10000	< 2		< 2	

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

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

GW-21 Analyte	Unit	Remediation Objective (RO)	Result 3/5/2015	Result 5/13/2015	Result 8/20/2015	Result (DUP) 8/20/2015	Result 11/4/2015	Result 2/18/2016	Result 5/26/2016	Result 8/18/2016	Result 11/16/2016	Result 2/15/2017
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.00006 J**	**0.00007 J**	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00384**	< 0.002	**0.00837**	**0.00812**	**0.001 J**	< 0.002	---	---	---	---
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 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	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	**0.35 J**	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	**2.51**	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	**0.43 J**	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	**0.35 J**	< 4	< 4	< 4	< 4	< 4	< 4	< 4

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

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

GW-21 Analyte	Unit	Remediation Objective (RO)	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	Result 8/13/2018	Result 11/8/2018	Result 2/19/2019	Result 5/7/2019
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
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	**0.00016** J	< 0.0066	< 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	**0.000054** 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	< 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	< 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	**0.000054** 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	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	**0.0019** J	**0.0015** J	< 0.006	**0.0013** J	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000043** 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	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	---	---	---	---	---
Fluoranthene	mg/L	0.28	< 0.0021	**0.00015** J	< 0.0021	**0.000107** B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	**0.00011** J	< 0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	< 0.0002
Phenanthrene	mg/L	-	< 0.0064	**0.00018** J	< 0.0064	**0.000214** B	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	**0.00012** J	< 0.0027	< 0.0001 B	**0.000041** J	< 0.0001	< 0.0001	< 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
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.1	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 2

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

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

GW-21 Analyte	Unit	Remediation Objective (RO)	Result 8/14/2019	Result 11/13/2019	Result 2/20/2020	Result 5/12/2020	Result 8/14/2020	Result 11/11/2020	Result 2/24/2021	Result 5/12/2021	Result 8/11/2021	Result 11/9/2021	Result 2/16/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.000214	< 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	< 0.000071	**0.000072 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.000071	**0.00007 J**	< 0.0001	< 0.0002	< 0.0002	**0.00012 J**	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	**0.000069 J**	< 0.000071	**0.000123**	**0.000074 J**	< 0.000100	< 0.000100	**0.000132**	< 0.0001	**0.000076 J**
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.000143	**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	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000052 J**
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.00143 C	**0.00271 C**	< 0.002 C	< 0.002	< 0.002	< 0.002	< 0.002 B	**0.00212**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.000071	**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	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.00714	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.000214	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.000143	< 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	**0.000087 J**	< 0.000071	**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	< 0.00714	< 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	< 0.00714	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.0002	< 0.000286	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.000429	< 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	< 0.000143	< 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	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.12 J**	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.47 J**	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	< 2 B	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.1 J**	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**0.43 J**	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**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 2022
Ameren Taylorville, IL MGP Site

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

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

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

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

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

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

GW-22S 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
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

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

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

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

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

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

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

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

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

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

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

GW-22D Analyte	Unit	Remediation Objective (RO)	Result 3/3/2015	Result 5/12/2015	Result 8/18/2015	Result 11/3/2015	Result 2/17/2016	Result 5/25/2016	Result 8/16/2016	Result 11/15/2016	Result 2/15/2017	Result 5/16/2017	Result 8/17/2017
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.00006 J**	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0029**	**0.00494**	**0.00646**	**0.00803**	**0.0011 J**	---	---	---	---	**0.00298**	**0.00913**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	**0.00014**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	**0.73**	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	**0.25 J**	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

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

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

GW-22D Analyte	Unit	Remediation Objective (RO)	Result (DUP) 8/17/2017	Result 11/22/2017	Result 2/14/2018	Result 5/8/2018	Result 8/14/2018	Result 11/7/2018	Result 2/20/2019	Result (DUP) 2/20/2019	Result 5/8/2019	Result 8/14/2019	Result 11/13/2019
Acenaphthene	mg/L	0.42	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 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
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00566**	< 0.006	**0.00529**	**0.00829**	**0.00939**	**0.00579**	**0.00243**	**0.00215**	**0.0111**	**0.00834**	**0.00636**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	---	---	---	---	---	---	---	---	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	**0.000142**	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	**0.00126**	< 0.0002	< 0.0002
Phenanthrene	mg/L	-	< 0.0064	**0.000882**	< 0.0001	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.1	< 2	< 2	< 2	< 2	< 2	< 2	**2.86**	< 2	< 2
o-Xylene	µg/L	-	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2	< 2

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

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

GW-22D Analyte	Unit	Remediation Objective (RO)	Result 2/20/2020	Result 5/11/2020	Result 8/12/2020	Result 11/9/2020	Result 2/23/2021	Result 5/12/2021	Result 8/12/2021	Result 11/9/2021	Result 2/16/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.000081	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.000081	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.000242	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.000081	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.000081	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.000081	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.000161	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.000081	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.00161 C	< 0.002 C	< 0.002 C	< 0.002	< 0.002	< 0.002	< 0.002 B	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.000081	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.000081	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.00806	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.000242	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.000161	< 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	< 0.000081	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.00806	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.00806	< 0.01	< 0.0004	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.000323	< 0.0004	< 0.01	< 0.0004	< 0.0004	< 0.0004	**0.000955**	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.000484	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.000161	< 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	**0.52**	**1.2**	**0.45 J**	**0.21 J**	< 0.5 S
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.12 J**	< 1 S
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.43 J**	< 1 S
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2 B	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.11 J**	< 1 S
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2 S
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**0.54 J**	< 2 S

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

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

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

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

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

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

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

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

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

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

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

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

GW-26 Analyte	Unit	Remediation Objective (RO)	Result 11/8/2021		Result 2/15/2022		Result 5/10/2022		Result 9/6/2022	
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		**0.0018**	**J**
Chrysene	mg/L	0.0015	< 0.0001		< 0.0001		< 0.0001		< 0.0001	
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002		< 0.0002		< 0.0002		< 0.0002	
Di-n-butyl phthalate	mg/L	0.7	< 0.01		< 0.01		< 0.01		< 0.01	
Fluoranthene	mg/L	0.28	< 0.0003		< 0.0003		< 0.0003		< 0.0003	
Fluorene	mg/L	0.28	< 0.0002		< 0.0002		< 0.0002		< 0.0002	
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002		< 0.0002		< 0.0002		< 0.0002	
m,p-Cresol	mg/L	-	< 0.01		< 0.01		< 0.01		< 0.01	
o-Cresol	mg/L	0.35	< 0.01		< 0.01		< 0.01		< 0.01	
Naphthalene	mg/L	0.14	< 0.0004		< 0.0004		< 0.0004		< 0.0004	
Phenanthrene	mg/L	-	< 0.0006		< 0.0006		< 0.0006		< 0.0006	
Pyrene	mg/L	0.21	< 0.0002		< 0.0002		< 0.0002	B	< 0.0002	
Benzene	µg/L	5.0	< 0.5		< 0.5		< 0.5		< 0.5	
Bromoform	µg/L	1.0	< 2		< 2		< 2		< 2	
Ethylbenzene	µg/L	700	**0.15**	**J**	< 1		< 1		< 1	
m,p-Xylenes	µg/L	-	**0.52**	**J**	< 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	-	**0.12**	**J**	< 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	**0.64**	**J**	< 2		< 2		< 2	

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

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

GW-101S Analyte	Unit	Remediation Objective (RO)	Result 5/14/2015	Result (DUP) 5/14/2015	Result 5/27/2016	Result (DUP) 5/27/2016	Result 5/18/2017	Result (DUP) 5/18/2017	Result (DUP) 5/9/2018	Result 5/6/2019	Result 5/13/2020	Result 5/11/2021
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000078	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000078	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000234	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	**0.00016** J	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0002	< 0.000156	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	---	---	< 0.002	< 0.002	< 0.002	< 0.002	< 0.00156 C	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	**0.00013**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---	---	< 0.00781	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000234	< 0.0003
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000156	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	**0.00014**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0002
m,p-Cresol	mg/L	-	< 0.0001	< 0.0001	---	---	---	---	---	---	< 0.00781	< 0.01
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	---	---	---	---	---	---	< 0.00781	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	< 0.0002	< 0.000312	< 0.0004
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.000469	< 0.0006
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002	< 0.000156	< 0.0002
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2 B	< 0.2 B	< 0.2	< 0.2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 2 B	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 1 B	< 2	< 2	< 2

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

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

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

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

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

GW-102S Analyte	Unit	Remediation Objective (RO)	Result 5/14/2015	Result 5/27/2016	Result (DUP) 5/27/2016	Result 5/18/2017	Result (DUP) 5/18/2017	Result 5/9/2018	Result 5/6/2019	Result 5/13/2020	Result 5/11/2021	Result 5/10/2022
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000071	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000071	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000214	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0002	< 0.000143	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	---	---	< 0.002	< 0.002	< 0.002	< 0.002	< 0.00143 C	**0.0019 J**	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---	---	< 0.00714	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000214	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000143	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	---	---	< 0.00714	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.0001	---	---	---	---	---	---	< 0.00714	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	---	< 0.0002	< 0.000286	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	**0.00018 J**	< 0.0064	< 0.0004	< 0.0004	< 0.000429	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002	< 0.000143	< 0.0002	< 0.0002 B
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2 B	< 0.2 B	< 0.2	< 0.2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 2 B	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	**0.41 J**	< 4	< 4	< 4	< 4	< 1 B	< 2	< 2	< 2	< 2

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

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

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

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

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

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

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

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

GW-103S Analyte	Unit	Remediation Objective (RO)	Result 5/12/2015	Result 5/26/2016	Result (DUP) 5/26/2016	Result 5/16/2017	Result 5/9/2018	Result 5/6/2019	Result (DUP) 5/6/2019	Result 5/12/2020	Result 5/12/2021	Result 5/11/2022
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.000073	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.000073	< 0.0001	< 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	< 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	< 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	< 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	< 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	< 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	< 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	< 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	< 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	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033 S	< 0.0033	< 0.0033	---	---	---	< 0.0073	< 0.01	< 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	< 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	< 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	< 0.0002
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	---	---	< 0.0073	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.0001	---	---	---	---	---	---	< 0.0073	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	< 0.0002	< 0.0002	< 0.000292	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0064	< 0.0064 S	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.0004	< 0.000438	< 0.0006	< 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	< 0.0002
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	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2 B	< 0.2	< 0.2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 2	< 2	< 2	< 2	< 2	< 2
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	< 2	< 2	< 2	< 2	< 2

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

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

GW-103D Analyte	Unit	Remediation Objective (RO)	Result 5/12/2015	Result 5/26/2016	Result 5/16/2017	Result 5/9/2018	Result (DUP) 5/9/2018	Result 5/6/2019	Result 5/12/2020	Result - DUP 5/12/2020	Result 5/12/2021	Result 5/11/2022
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000294	< 0.00024	< 0.000214	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.000588	< 0.00016	< 0.000143	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0001	< 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	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	---	< 0.008	< 0.00714	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000588	< 0.00024	< 0.000214	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000294	< 0.00016	< 0.000143	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	---	< 0.008	< 0.00714	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.0001	---	---	---	---	---	< 0.008	< 0.00714	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	< 0.00059	< 0.00032	< 0.000286	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.00118	< 0.00048	< 0.000429	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0001	< 0.000588	< 0.00016	< 0.000143	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	**0.2** B	< 0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 2	< 2 B	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 1	< 1 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
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Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

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

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

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

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

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

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