July 13, 2021

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 Second Quarter, 2021 report for the Taylorville Manufactured Gas Plant Site. This report is a summary of events. Reports and notifications of events are reported in addition to this summary throughout the quarter.

Second Quarter – 2021 Events

- Second quarter 2021 groundwater samples collected in May 2021 (results attached)
- Second quarter 2021 pump and treat system samples (results attached)
- Carbon change on May 14, 2021

Third Quarter – 2021 Plans

- Collect Third quarter groundwater samples in August

Problems Encountered or Anticipated Problems

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

We have treated 1,303,842,692 gallons of groundwater through the system since startup until the end of June 2021. 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 (April-June)

Monitoring Well Location Map

Year 2021 Quarter 2 Groundwater Sampling Results

MGP Pump & Treat System Summary
Taylorville, Illinois
April 2021

DATE	TOTALIZER READING	FLOW	EXTRACTION WELL	Water Level East	Water Level West
Apr-21	x100				
1	274,123,900	99,000	EAST	60	52
2	274,222,900	63,100	EAST	60	52
3	274,286,000	72,300	EAST	60	52
4	274,358,300	51,400	EAST	60	50
5	274,409,700	56,900	EAST	60	52
6	274,466,600	64,900	EAST	60	52
7	274,531,500	35,500	EAST	60	52
8	274,567,000	104,500	EAST	60	54
9	274,671,500	70,700	EAST	60	54
10	274,742,200	73,100	EAST	60	54
11	274,815,300	93,300	EAST	60	54
12	274,908,600	61,500	EAST	60	54
13	274,970,100	60,000	EAST	60	54
14	275,030,100	34,200	EAST	60	54
15	275,064,300	110,000	EAST	60	54
16	275,174,300	76,100	EAST	60	50
17	275,250,400	75,900	EAST	60	52
18	275,326,300	58,000	EAST	60	52
19	275,384,300	85,900	EAST	60	52
20	275,470,200	61,400	EAST	60	52
21	275,531,600	32,800	EAST	60	52
22	275,564,400	99,800	EAST	60	52
23	275,664,200	61,200	EAST	60	50
24	275,725,400	80,600	EAST	60	52
25	275,806,000	70,900	EAST	60	52
26	275,876,900	56,500	EAST	60	52
27	275,933,400	41,500	EAST	60	52
28	275,974,900	86,900	EAST	60	52
29	276,061,800	81,100	EAST	62	52
30	276,142,900	75,000	EAST	62	52
May-21	276,217,900				

NM = Not measured

Flow Data	Gallons
For Month	2,094,000
To Pond	0
Below Pond	2,094,000
Average	69,800
Maximum	110,000
Minimum	32,800
Total Through March	1,297,698,892
Total Through April	1,299,792,892

Maintenance Summary

Well Cleaning	None		
Vessel	**North**	**South**	
Carbon Change	None	None	
Cleaned Effluent Backwash Storage	None	None	
Back Washed Vessels	None	None	
Changed Bag Filters	**North**	**Middle**	**South**
	Inoperable	4/1/2021	4/1/2021
	Inoperable	4/8/2021	4/8/2021
	Inoperable	4/15/2021	4/15/2021
	Inoperable	4/22/2021	4/22/2021
	Inoperable	4/28/2021	4/28/2021
Drum Disposal	None		

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
April 2021

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	4/7/2021	4/14/2021	4/21/2021	4/27/2021	Average	Maximum
Lab pH		-	-	-	7.00	6.96	6.95	7.02	6.98	7.02
Iron, Dissolved	mg/L	-	-	-	0.802	1.030	1.460	0.447	0.935	1.460
Iron, Total	mg/L	-	-	-	2.55	2.66 B	2.65	3.38	2.81	3.38
Acenaphthene	mg/L	-	-	0.42	0.0150	0.0210	0.0145	0.0224	0.0182	0.0224
Acenaphthylene	mg/L	-	-	-	0.00440	0.00496	0.00701	0.01000	0.00659	0.01000
Anthracene	mg/L	-	-	2.1	0.00312	0.00369	0.00288	0.00381	0.00338	0.00381
Benzo(a)anthracene	mg/L	-	-	0.00013	**0.000153**	**0.000236**	**0.000148**	**0.000190**	**0.000182**	**0.000236**
Benzo(a)pyrene	mg/L	-	-	0.00023	ND	0.000098 J	ND	ND	0.000098 J	0.000098 J
Benzo(b)fluoranthene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Chrysene	mg/L	-	-	-	0.000121	0.000209	0.000113	0.000167	0.000153	0.000209
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Fluoranthene	mg/L	-	-	0.28	0.00264	0.00301	0.00237	0.00302	0.00276	0.00302
Fluorene	mg/L	-	-	-	0.01010	0.01180	0.00874	0.01290	0.01089	0.01290
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND	0.000065 J	ND	ND	0.000065 J	0.000065 J
m,p-Cresol	mg/L	-	-	0.35	0.0011 J	0.0015 J	0.0011 J	0.0017 J	0.0014 J	0.0017 J
o-Cresol	mg/L	-	-	0.35	0.0092 J	0.0092 J	0.0092 J	0.0115	0.0098 J	0.0115 J
Phenanthrene	mg/L	-	-	-	0.0193	0.0237	0.0191	0.0249	0.0218	0.0249
Pyrene	mg/L	-	-	-	0.00303	0.00366	0.00293	0.00383	0.00336	0.00383
Total PNAs except Naphthalene	mg/L	-	-	-	0.0578	0.0724	0.0578	0.0812	0.0673	0.0812
Benzene	µg/L	-	-	5	**376**	**385**	**392**	**433**	**397**	**433**
Ethylbenzene	µg/L	-	-	700	70.3	67.8	57.1	67.7	65.7	70.3
m,p-Xylenes	µg/L	-	-	-	67.0	53.8	48.4	55.4	56.2	67.0
Naphthalene	µg/L	-	-	25	**310**	**356**	**376**	**382**	**356**	**382**
o-Xylene	µg/L	-	-	-	28.1	27.9	25.6	29.2	27.7	29.2
Toluene	µg/L	-	-	1000	160	192	175	197	181	197
Xylenes, Total	µg/L	-	-	10000	95.1	81.7	74.0	84.6	83.9	95.1

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

Between Columns
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
April 2021

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	4/7/2021	4/14/2021	4/21/2021	4/27/2021	Average	Maximum
Lab pH		-	-	-	6.92	6.96	6.99	6.99	6.97	6.99
Iron, Dissolved	mg/L	-	-	-	0.0922	0.1120	0.0555	ND	0.0866	0.1120
Iron, Total	mg/L	-	-	-	0.1200	0.0800	0.0790	0.0360 J	0.0788	0.1200
Acenaphthene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Acenaphthylene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Anthracene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	mg/L	-	-	-	ND	0.000052 J	ND	ND	0.000052 J	0.000052 J
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	-	-	-	25.1	23.6	23.4	21.2	23.3	25.1
Ethylbenzene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
m,p-Xylenes	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Naphthalene	µg/L	-	-	-	0.6	ND	ND	0.8	0.7	0.8
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
J=Analyte detected below quantitation limits
B=Analyte found in the method blank at a concentration
E=Value above quantitation range

Effluent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
April 2021

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	4/7/2021		4/14/2021		4/21/2021		4/27/2021		Average		Maximum	
Lab pH		-	-	-	6.93		6.98		7.01		6.98		6.98		7.01	
Iron, Dissolved	mg/L	-	1	-	ND		ND		ND		ND		ND		ND	
Iron, Total	mg/L	2	4	-	0.0593		ND		ND		ND		0.0593		0.0593	
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	S	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	-	0.200	J	0.100	J	0.200	J	0.100	J	0.150	J	0.200	J
Ethylbenzene	µg/L	17	216	-	ND		ND		ND		ND		ND		ND	
m,p-Xylenes	µg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Naphthalene	µg/L	-	670	-	ND		0.4	J	0.7		ND		0.6		0.7	
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
S=Spike recovery outside recovery limits

Trip Blank
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
April 2021

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	4/7/2021	4/14/2021	4/21/2021	4/27/2021	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

MGP Pump & Treat System Summary
Taylorville, Illinois
May 2021

DATE	TOTALIZER READING	FLOW	EXTRACTION WELL	Water Level East	Water Level West
May-21	x100				
1	276,217,900	38,000	West	62	54
2	276,255,900	65,100	West	62	54
3	276,321,000	49,800	West	62	54
4	276,370,800	50,200	West	62	54
5	276,421,000	25,900	West	62	52
6	276,446,900	107,200	West	62	54
7	276,554,100	53,200	West	62	54
8	276,607,300	105,300	West	60	52
9	276,712,600	115,200	West	60	52
10	276,827,800	76,700	West	60	52
11	276,904,500	55,100	West	60	52
12	276,959,600	70,400	West	62	52
13	277,030,000	79,400	West	60	52
14	277,109,400	71,300	West	60	50
15	277,180,700	79,700	West	60	52
16	277,260,400	56,900	West	60	52
17	277,317,300	76,400	West	62	54
18	277,393,700	59,400	West	62	54
19	277,453,100	29,500	West	62	52
20	277,482,600	86,600	West	62	52
21	277,569,200	61,100	West	62	52
22	277,630,300	61,600	West	62	54
23	277,691,900	63,000	West	62	54
24	277,754,900	57,100	West	62	52
25	277,812,000	54,400	West	64	54
26	277,866,400	41,500	West	64	52
27	277,907,900	25,200	West	62	50
28	277,933,100	63,200	West	62	52
29	277,996,300	37,800	West	62	54
30	278,034,100	41,900	West	60	54
31	278,076,000	68,700	West	60	52
Jun-21	278,144,700				

NM = Not measured

Flow Data	**Gallons**
For Month	1,926,800
To Pond	0
Below Pond	1,926,800
Average	62,155
Maximum	115,200
Minimum	25,200
Total Through April	1,299,792,892
Total Through May	1,301,719,692

Maintenance Summary

Well Cleaning	None		
Vessel	**North**	**South**	
Carbon Change	5/14/2021	Switched to lead	
Cleaned Effluent Backwash Storage	5/8/2021		
Back Washed Vessels	5/31/2021		
Changed Bag Filters	**North**	**Middle**	**South**
	Inoperable	5/6/2021	5/6/2021
	Inoperable	5/13/2021	5/13/2021
	Inoperable	5/20/2021	5/20/2021
	Inoperable	5/27/2021	5/27/2021
Drum Disposal	None		

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
May 2021

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	5/5/2021	5/11/2021	5/19/2021	5/26/2021	Average	Maximum
Lab pH		-	-	-	6.84	6.89	6.76	6.81	6.83	6.89
Iron, Dissolved	mg/L	-	-	-	0.824	0.538	1.030	1.220	0.903	1.220
Iron, Total	mg/L	-	-	-	2.70	2.76	2.67	2.69	2.71	2.76
Acenaphthene	mg/L	-	-	0.42	0.0174	0.0155	0.0142	0.0144	0.0154	0.0174
Acenaphthylene	mg/L	-	-	-	0.00688	0.00701	0.00518	0.00695	0.00651	0.00701
Anthracene	mg/L	-	-	2.1	0.00337	0.00345	0.00305	0.00274	0.00315	0.00345
Benzo(a)anthracene	mg/L	-	-	0.00013	**0.000206**	**0.000171**	**0.000160**	**0.000155**	**0.000173**	**0.000206**
Benzo(a)pyrene	mg/L	-	-	0.00023	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Chrysene	mg/L	-	-	-	0.000126	0.000134	0.000131	0.000108	0.000125	0.000134
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Fluoranthene	mg/L	-	-	0.28	0.00273	0.00276	0.00253	0.00228	0.00258	0.00276
Fluorene	mg/L	-	-	-	0.00946	0.00903	0.00771	0.00853	0.00868	0.00946
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
m,p-Cresol	mg/L	-	-	0.35	0.00110 J	0.00120 J	0.00120 J	0.00062 J	0.00103 J	0.00120 J
o-Cresol	mg/L	-	-	0.35	0.0117	0.0104	0.0084 J	0.0021 J	0.0082	0.0117
Phenanthrene	mg/L	-	-	-	0.0193	0.0188	0.0185	0.0171	0.0184	0.0193
Pyrene	mg/L	-	-	-	0.0034	0.00354	0.00295	0.00276	0.00316	0.00354
Total PNAs except Naphthalene	mg/L	-	-	-	0.0629	0.0604	0.0544	0.055	0.0582	0.0629
Benzene	µg/L	-	-	5	**340**	**312**	**356**	**380**	**347**	**380**
Ethylbenzene	µg/L	-	-	700	67.2	56.0	57.1	58.7	59.8	67.2
m,p-Xylenes	µg/L	-	-	-	84.2	45.4	51.6	51.6	58.2	84.2
Naphthalene	µg/L	-	-	25	**402**	**426**	**398**	**408**	**409**	**426**
o-Xylene	µg/L	-	-	-	30.7	24.1	27.0	27.6	27.4	30.7
Toluene	µg/L	-	-	1000	172	157	166	174	167	174
Xylenes, Total	µg/L	-	-	10000	115.0	69.5	78.6	79.2	85.6	115.0

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

Between Columns
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
May 2021

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	5/5/2021	5/11/2021	5/19/2021	5/26/2021	Average	Maximum
Lab pH		-	-	-	6.87	6.92	6.77	6.82	6.85	6.92
Iron, Dissolved	mg/L	-	-	-	0.0731	0.0862	0.0370 J	ND	0.0654	0.0862
Iron, Total	mg/L	-	-	-	0.1280	0.1130	0.0645	0.0330 J	0.0846	0.1280
Acenaphthene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Acenaphthylene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Anthracene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Chrysene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Fluoranthene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Fluorene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
m,p-Cresol	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
o-Cresol	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Phenanthrene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Pyrene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Total PNAs except Naphthalene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Benzene	µg/L	-	-	-	18.0	43.5	ND	ND	30.8	43.5
Ethylbenzene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
m,p-Xylenes	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Naphthalene	µg/L	-	-	-	1.0	2.4	0.8	0.9	1.3	2.4
o-Xylene	µg/L	-	-	-	ND	0.1 J	ND	ND	0.1 J	0.1 J
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

Effluent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
May 2021

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	5/5/2021		5/11/2021	5/19/2021	5/26/2021		Average	Maximum
Lab pH		-	-	-	6.88		6.93	6.73	6.84		6.85	6.93
Iron, Dissolved	mg/L	-	1	-	ND		ND	ND	ND		ND	ND
Iron, Total	mg/L	2	4	-	ND		0.0587	ND	ND	R	0.0587	0.0587
Acenaphthene	mg/L	-	0.0608	-	ND		ND	ND	ND	R	ND	ND
Acenaphthylene	mg/L	-	-	-	ND		ND	ND	ND	R	ND	ND
Anthracene	mg/L	-	0.0023	-	ND		ND	ND	ND		ND	ND
Benzo(a)anthracene	mg/L	-	0.001	-	ND		ND	ND	ND	SR	ND	ND
Benzo(a)pyrene	mg/L	-	0.0005	-	ND		ND	ND	ND	SR	ND	ND
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND	ND	ND	SR	ND	ND
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND	ND	ND		ND	ND
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND	ND	ND	R	ND	ND
Chrysene	mg/L	-	-	-	ND		ND	ND	ND	R	ND	ND
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND	ND	ND	R	ND	ND
Fluoranthene	mg/L	0.053	0.398	-	ND		ND	ND	ND	R	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	R	ND	ND
Phenanthrene	mg/L	-	0.01	-	ND		ND	ND	ND	R	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	-	0.2	J	ND	1.3	1.4		1.0	1.4
Ethylbenzene	µg/L	17	216	-	ND		ND	ND	ND		ND	ND
m,p-Xylenes	µg/L	-	-	-	ND		ND	ND	ND		ND	ND
Naphthalene	µg/L	-	670	-	ND		0.8	ND	ND		0.8	0.8
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

Trip Blank
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
May 2021

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	5/5/2021	5/11/2021	5/11/2021	5/26/2021	Average	Maximum
Benzene	µg/L	-	-	-	ND	ND	ND	0.1 J	0.1 J	0.1 J
Ethylbenzene	µg/L	-	-	-	ND	ND	0.1 J	ND	0.1 J	0.1 J
m,p-Xylenes	µg/L	-	-	-	ND	ND	0.5 J	ND	0.5 J	0.5 J
Naphthalene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
o-Xylene	µg/L	-	-	-	ND	ND	0.1 J	ND	0.1 J	0.1 J
Toluene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Xylenes, Total	µg/L	-	-	-	ND	ND	0.6 J	ND	0.6 J	0.6 J

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

MGP Pump & Treat System Summary
Taylorville, Illinois
June 2021

DATE	TOTALIZER READING	FLOW	EXTRACTION WELL	Water Level East	Water Level West
Jun-21	x100				
1	278,144,700	58,000	West	60	52
2	278,202,700	35,700	West	60	54
3	278,238,400	73,200	West	60	54
4	278,311,600	99,500	West	60	50
5	278,411,100	56,700	West	60	52
6	278,467,800	81,300	West	60	52
7	278,549,100	56,100	West	60	54
8	278,605,200	52,000	West	60	54
9	278,657,200	27,800	West	60	54
10	278,685,000	117,000	West	60	54
11	278,802,000	72,400	West	60	52
12	278,874,400	86,500	West	60	52
13	278,960,900	66,300	West	60	54
14	279,027,200	98,800	West	60	54
15	279,126,000	67,700	West	60	52
16	279,193,700	36,800	West	60	54
17	279,230,500	108,000	West	60	52
18	279,338,500	75,900	West	60	48
19	279,414,400	107,100	West	60	50
20	279,521,500	72,800	West	60	52
21	279,594,300	67,200	West	60	52
22	279,661,500	52,600	West	60	54
23	279,714,100	48,900	West	60	54
24	279,763,000	107,800	West	60	54
25	279,870,800	69,200	West	60	52
26	279,940,000	81,200	West	60	52
27	280,021,200	85,600	West	60	54
28	280,106,800	61,600	West	60	52
29	280,168,400	65,400	West	60	52
30	280,233,800	33,900	West	60	52
Jul-21	280,267,700				

Flow Data	**Gallons**
For Month	2,123,000
To Pond	0
Below Pond	2,123,000
Average	70,767
Maximum	117,000
Minimum	27,800
Total Through May	1,301,719,692
Total Through June	1,303,842,692

Maintenance Summary

Well Cleaning	None		
Vessel	**North**	**South**	
Carbon Change	None	None	
Cleaned Effluent Backwash Storage	None	None	
Back Washed Vessels	None		
Changed Bag Filters	**North**	**Middle**	**South**
	Inoperable	6/3/2021	6/3/2021
	Inoperable	6/10/2021	6/10/2021
	Inoperable	6/17/2021	6/17/2021
	Inoperable	6/24/2021	6/24/2021
Drum Disposal	None		

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
June 2021

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	6/2/2021		6/9/2021		6/16/2021		6/23/2021		6/30/2021		Average		Maximum	
Lab pH		-	-	-	6.83		6.91		6.84		6.85		6.78		6.84		6.91	
Iron, Dissolved	mg/L	-	-	-	1.320		0.868		1.270		0.457		1.020		0.987		1.320	
Iron, Total	mg/L	-	-	-	2.81		2.62		2.81		2.57		2.55		2.67		2.81	
Acenaphthene	mg/L	-	-	0.42	0.0172		0.0128		0.0169		0.0148		0.0154		0.0154		0.0172	
Acenaphthylene	mg/L	-	-	-	0.00786		0.00505		0.00684		0.00638		0.00704		0.00663		0.00786	
Anthracene	mg/L	-	-	2.1	0.00298		0.00267		0.00311		0.00313		0.00321		0.00302		0.00321	
Benzo(a)anthracene	mg/L	-	-	0.00013	**0.000164**		**0.00014**		**0.000166**		**0.000205**		**0.000131**		**0.000161**		**0.000205**	
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	-	-	-	0.000117		0.000116		0.000144		0.000160		0.000105		0.000128		0.000160	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
Fluoranthene	mg/L	-	-	0.28	0.00237		0.00220		0.00247		0.00244		0.00243		0.00238		0.00247	
Fluorene	mg/L	-	-	-	0.00937		0.00653		0.00936		0.00784		0.00990		0.00860		0.00990	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
m,p-Cresol	mg/L	-	-	0.35	0.00100	J	0.00110	J	0.00110	J	0.00095	J	0.00110	J	0.00105	J	0.00110	J
o-Cresol	mg/L	-	-	0.35	0.0088	J	0.0178		0.0122		0.0085	J	0.0177		0.0130		0.0178	
Phenanthrene	mg/L	-	-	-	0.0187		0.0153		0.0187		0.0181		0.0179		0.0177		0.0187	
Pyrene	mg/L	-	-	-	0.00292		0.00288		0.00335		0.00309		0.00308		0.00306		0.00335	
Total PNAs except Naphthalene	mg/L	-	-	-	0.0617		0.0477		0.061		0.0561		0.0592		0.0571		0.0617	
Benzene	µg/L	-	-	5	**200**		**366**		**371**		**411**		**357**		**341**		**411**	
Ethylbenzene	µg/L	-	-	700	35.5		58.4		60.2		59.2		59.7		54.6		60.2	
m,p-Xylenes	µg/L	-	-	-	30.0		52.8		50.5		52.3		56.7		48.5		56.7	
Naphthalene	µg/L	-	-	25	**241**		**378**		**361**		**347**		**475**		**360**		**475**	
o-Xylene	µg/L	-	-	-	15.0	J	28.0		26.9		26.8		29.0		25.1		29.0	
Toluene	µg/L	-	-	1000	91.8		174.0		178.0		168.0		181.0		158.6		181.0	
Xylenes, Total	µg/L	-	-	10000	44.6		80.8		77.4		79.1		85.7		73.5		85.7	

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
June 2021

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	6/2/2021	6/9/2021	6/16/2021	6/23/2021		6/30/2021	Average	Maximum
Lab pH		-	-	-	6.82	6.85	6.84	6.83		6.81	6.83	6.85
Iron, Dissolved	mg/L	-	-	-	0.0538	0.0458	0.0531	ND		0.0508	0.0509	0.0538
Iron, Total	mg/L	-	-	-	0.0748	0.0564	0.0718	0.0220	J	0.0742	0.0598	0.0748
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	-	-	-	2.8	1.8	1.3	1.1		ND	1.8	2.8
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	0.8	0.8	0.8		1.2	1.2	2.2
o-Xylene	µg/L	-	-	-	ND	ND	ND	ND		ND	ND	ND
Toluene	µg/L	-	-	-	ND	ND	ND	ND		ND	ND	ND
Xylenes, Total	µg/L	-	-	-	ND	ND	ND	ND		ND	ND	ND

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
June 2021

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	6/2/2021	6/9/2021	6/16/2021	6/23/2021	6/30/2021	Average	Maximum
Lab pH		-	-	-	6.84	6.84	6.83	6.83	6.99	6.87	6.99
Iron, Dissolved	mg/L	-	1	-	ND	ND	ND	ND	ND	ND	ND
Iron, Total	mg/L	2	4	-	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	mg/L	-	0.0608	-	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Anthracene	mg/L	-	0.0023	-	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	mg/L	-	0.001	-	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	mg/L	-	0.0005	-	ND	ND	ND	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	-	1.6	1.6	1.7	1.6	1.5	1.6	1.7
Ethylbenzene	µg/L	17	216	-	ND	ND	ND	ND	ND	ND	ND
m,p-Xylenes	µg/L	-	-	-	ND	ND	ND	ND	0.200 J	0.200 J	0.200 J
Naphthalene	µg/L	-	670	-	ND	ND	ND	ND	ND	ND	ND
o-Xylene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Toluene	µg/L	70	750	-	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	µg/L	117	750	-	ND	ND	ND	ND	ND	ND	ND

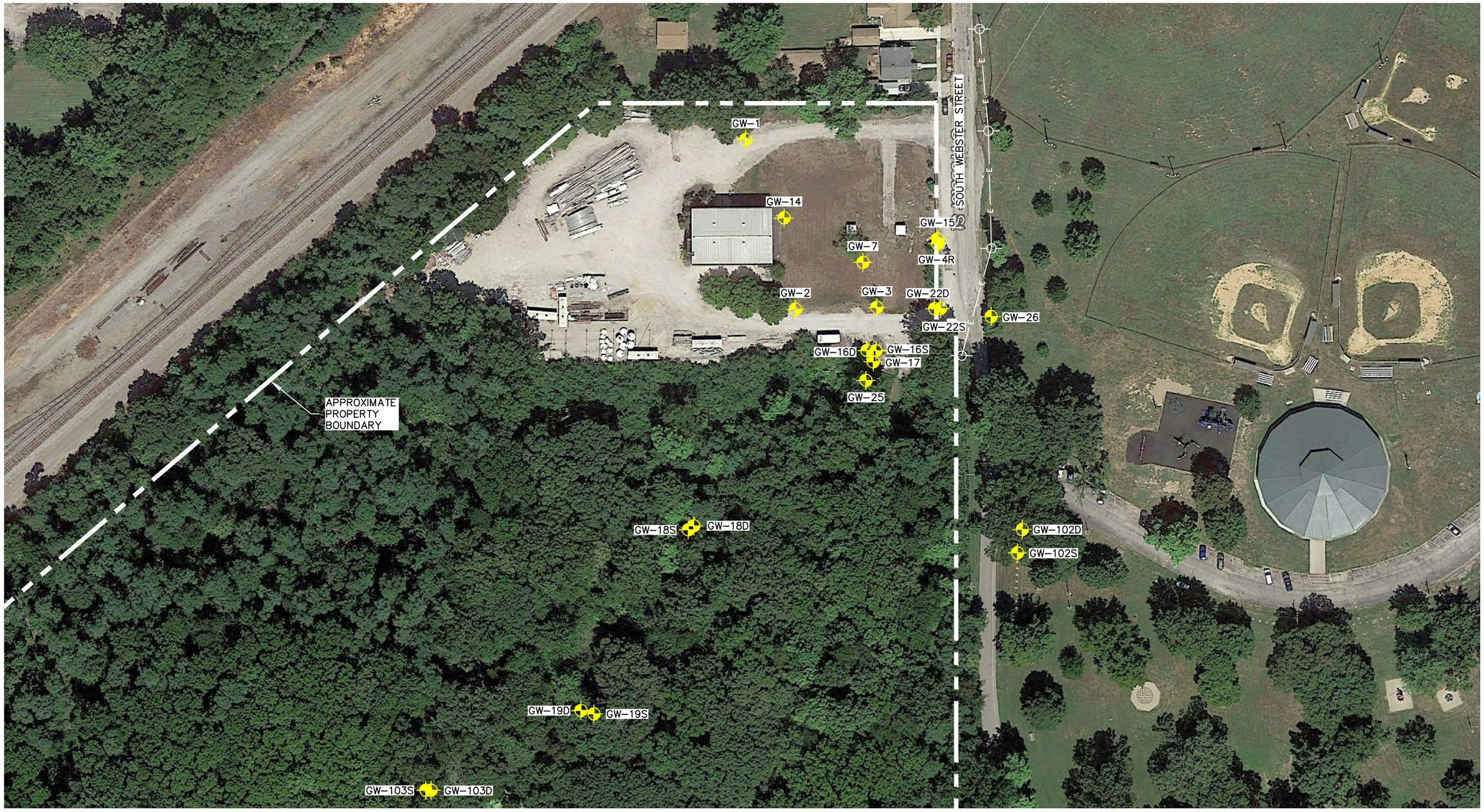
NA=Not analyzed
ND=Not detected above the project acceptable detection limit
*=Results not available
NS=Not sampled
J=Analyte detected below quantitation limits
B=Analyte found in the method blank at a concentration
E=Value above quantitation range
R=RPD outside acceptable recovery limits
S=Spike recovery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

Trip Blank
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
June 2021

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	6/2/2021	6/9/2021	6/16/2021	6/23/2021	6/30/2021	Average	Maximum
Benzene	µg/L	-	-	-	NA	ND	ND	ND	ND	ND	ND
Ethylbenzene	µg/L	-	-	-	NA	ND	ND	ND	0.1 J	0.1 J	0.1 J
m,p-Xylenes	µg/L	-	-	-	NA	ND	ND	ND	0.4 J	0.4 J	0.4 J
Naphthalene	µg/L	-	-	-	NA	ND	ND	ND	ND	ND	ND
o-Xylene	µg/L	-	-	-	NA	ND	ND	ND	ND	ND	ND
Toluene	µg/L	-	-	-	NA	ND	ND	ND	ND	ND	ND
Xylenes, Total	µg/L	-	-	-	NA	ND	ND	ND	0.4 J	0.4 J	0.4 J

NA=Not analyzed - trip blanks received empty in sample kit from laboratory.
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)

June 7, 2021

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

RE: Year 2021 Quarter 2 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 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 second quarter of groundwater sampling in 2021 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 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. Similar to previous events, bis(2-ethylhexyl)phthalate was detected at monitoring wells GW-07 and GW-14 at concentrations exceeding the applicable RO. Bis(2-ethylhexyl) phthalate has historically been detected in concentrations exceeding the RO both on and off site, but is not considered to be a primary contaminant of concern (COC). Wells on the downgradient perimeter of the site did not have any exceedances of applicable ROs, including wells GW-16S, GW-16D, GW-17, GW-22S, GW-22D, GW-25, and GW-26.

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

The sample container collected for PAH analysis from GW-01 was inadvertently broken by the laboratory during this sampling event. Because GW-01 isn't considered critical to the direction of the overall site monitoring/remedial program and the fact that it is located upgradient of the Groundwater Treatment System (GWTS) a decision was made in consultation with Ameren not to resample GW-01 during the second quarter 2021 sampling event. Therefore, there will not be PAH results reported for this location during the second quarter 2021 event. Additionally, anomalous levels of VOCs below the ROs were detected at GW-09D and GW-09S. An internal evaluation of ERM and laboratory quality assurance/quality control (QA/QC) was conducted, as well as a review of the present conditions of the surface completions of these wells. Nothing of note was identified from these evaluations that would suggest a cause for these anomalous detections or result in an identified corrective action at this time. Additionally, due to the location of these wells, the anomalous VOC detections are not considered to be related to the MGP site.

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
MAY 2021

May 21, 2021

Brett Carney
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 2nd Qtr 2021 **WorkOrder:** 21050842

Dear Brett Carney:

TEKLAB, INC received 37 samples on 5/13/2021 1:42:00 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,

Aaron Renner
Project Manager
(630)324-6855
arenner@teklabinc.com

Report Contents

http://www.teklabinc.com/

Client: ERM

Work Order: 21050842

Client Project: Ameren Taylorville 2nd Qtr 2021

Report Date: 21-May-21

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Definitions

http://www.teklabinc.com/

Client: ERM **Work Order:** 21050842

Client Project: Ameren Taylorville 2nd Qtr 2021 **Report Date:** 21-May-21

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

Client: ERM

Work Order: 21050842

Client Project: Ameren Taylorville 2nd Qtr 2021

Report Date: 21-May-21

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: 21050842

Client Project: Ameren Taylorville 2nd Qtr 2021

Report Date: 21-May-21

Cooler Receipt Temp: 2.4 °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: 21050842

Client Project: Ameren Taylorville 2nd Qtr 2021

Report Date: 21-May-21

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2022	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2022	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2021	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2021	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2021	Collinsville
Arkansas	ADEQ	88-0966		3/14/2022	Collinsville
Illinois	IDPH	17584		5/31/2021	Collinsville
Kentucky	UST	0073		1/31/2022	Collinsville
Missouri	MDNR	00930		5/31/2021	Collinsville
Missouri	MDNR	930		1/31/2022	Collinsville

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 21050842
Client Project: Ameren Taylorville 2nd Qtr 2021
Report Date: 21-May-21
Lab ID: 21050842-001
Client Sample ID: GW-01
Matrix: GROUNDWATER
Collection Date: 05/13/2021 9:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	05/14/2021 10:28	176994
Bromoform	NELAP	2.00		**ND**	µg/L	1	05/14/2021 10:28	176994
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 10:28	176994
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	05/14/2021 10:28	176994
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	05/14/2021 10:28	176994
Naphthalene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 10:28	176994
o-Xylene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 10:28	176994
Toluene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 10:28	176994
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 10:28	176994
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	05/14/2021 10:28	176994
Surr: 1,2-Dichloroethane-d4	*	80-120		**98.4**	%REC	1	05/14/2021 10:28	176994
Surr: 4-Bromofluorobenzene	*	80-120		**101.4**	%REC	1	05/14/2021 10:28	176994
Surr: Dibromofluoromethane	*	80-120		**99.9**	%REC	1	05/14/2021 10:28	176994
Surr: Toluene-d8	*	80-120		**102.8**	%REC	1	05/14/2021 10:28	176994

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 21050842
Client Project: Ameren Taylorville 2nd Qtr 2021
Report Date: 21-May-21
Lab ID: 21050842-002
Client Sample ID: GW-02
Matrix: GROUNDWATER
Collection Date: 05/13/2021 8:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 7:01	177029
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 7:01	177029
Anthracene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 7:01	177029
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 7:01	177029
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 7:01	177029
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 7:01	177029
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 7:01	177029
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 7:01	177029
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**0.00206**	mg/L	1	05/19/2021 7:01	177029
Chrysene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 7:01	177029
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 7:01	177029
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 7:01	177029
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 7:01	177029
Fluorene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 7:01	177029
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 7:01	177029
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 7:01	177029
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	05/19/2021 7:01	177029
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 7:01	177029
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	05/19/2021 7:01	177029
Pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 7:01	177029
Surr: 2,4,6-Tribromophenol	*	10-179		**65.7**	%REC	1	05/19/2021 7:01	177029
Surr: 2-Fluorobiphenyl	*	21.4-142		**57.8**	%REC	1	05/19/2021 7:01	177029
Surr: 2-Fluorophenol	*	10-157		**54.9**	%REC	1	05/19/2021 7:01	177029
Surr: Nitrobenzene-d5	*	15-163		**58.3**	%REC	1	05/19/2021 7:01	177029
Surr: Phenol-d5	*	10-162		**52.5**	%REC	1	05/19/2021 7:01	177029
Surr: p-Terphenyl-d14	*	10-173		**70.6**	%REC	1	05/19/2021 7:01	177029
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	05/14/2021 10:54	176994
Bromoform	NELAP	2.00		**ND**	µg/L	1	05/14/2021 10:54	176994
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 10:54	176994
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	05/14/2021 10:54	176994
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	05/14/2021 10:54	176994
Naphthalene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 10:54	176994
o-Xylene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 10:54	176994
Toluene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 10:54	176994
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 10:54	176994
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	05/14/2021 10:54	176994
Surr: 1,2-Dichloroethane-d4	*	80-120		**99.2**	%REC	1	05/14/2021 10:54	176994
Surr: 4-Bromofluorobenzene	*	80-120		**100.3**	%REC	1	05/14/2021 10:54	176994
Surr: Dibromofluoromethane	*	80-120		**99.8**	%REC	1	05/14/2021 10:54	176994
Surr: Toluene-d8	*	80-120		**102.5**	%REC	1	05/14/2021 10:54	176994

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 21050842
Client Project: Ameren Taylorville 2nd Qtr 2021
Report Date: 21-May-21
Lab ID: 21050842-003
Client Sample ID: GW-03
Matrix: GROUNDWATER
Collection Date: 05/13/2021 8:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**0.000597**	mg/L	1	05/19/2021 12:08	177047
Acenaphthylene	NELAP	0.000100		**0.00245**	mg/L	1	05/19/2021 12:08	177047
Anthracene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 12:08	177047
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 12:08	177047
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 12:08	177047
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 12:08	177047
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 12:08	177047
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 12:08	177047
Bis(2-ethylhexyl)phthalate	NELAP	0.0020	J	**0.0018**	mg/L	1	05/19/2021 12:08	177047
Chrysene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 12:08	177047
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 12:08	177047
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 12:08	177047
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 12:08	177047
Fluorene	NELAP	0.000200		**0.00159**	mg/L	1	05/19/2021 12:08	177047
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 12:08	177047
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 12:08	177047
Naphthalene	NELAP	0.0400	S	**0.202**	mg/L	100	05/19/2021 8:15	177047
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 12:08	177047
Phenanthrene	NELAP	0.000600		**0.000769**	mg/L	1	05/19/2021 12:08	177047
Pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 12:08	177047
Surr: 2,4,6-Tribromophenol	*	10-179		**88.4**	%REC	1	05/19/2021 12:08	177047
Surr: 2-Fluorobiphenyl	*	21.4-142		**73.8**	%REC	1	05/19/2021 12:08	177047
Surr: 2-Fluorophenol	*	10-157		**63.5**	%REC	1	05/19/2021 12:08	177047
Surr: Nitrobenzene-d5	*	15-163		**86.9**	%REC	1	05/19/2021 12:08	177047
Surr: Phenol-d5	*	10-162		**54.7**	%REC	1	05/19/2021 12:08	177047
Surr: p-Terphenyl-d14	*	10-173		**99.4**	%REC	1	05/19/2021 12:08	177047

Matrix spike control limits for Naphthalene are not applicable due to high sample/spike ratio.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**10.4**	µg/L	1	05/14/2021 11:20	176994
Bromoform	NELAP	2.00		**ND**	µg/L	1	05/14/2021 11:20	176994
Ethylbenzene	NELAP	1.00		**12.5**	µg/L	1	05/14/2021 11:20	176994
m,p-Xylenes	NELAP	1.00		**6.19**	µg/L	1	05/14/2021 11:20	176994
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	05/14/2021 11:20	176994
Naphthalene	NELAP	2.00	E	**285**	µg/L	1	05/14/2021 11:20	176994
o-Xylene	NELAP	1.00		**15.7**	µg/L	1	05/14/2021 11:20	176994
Toluene	NELAP	2.0	J	**1.3**	µg/L	1	05/14/2021 11:20	176994
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 11:20	176994
Xylenes, Total	NELAP	2.00		**21.9**	µg/L	1	05/14/2021 11:20	176994
Surr: 1,2-Dichloroethane-d4	*	80-120		**99.5**	%REC	1	05/14/2021 11:20	176994
Surr: 4-Bromofluorobenzene	*	80-120		**99.6**	%REC	1	05/14/2021 11:20	176994
Surr: Dibromofluoromethane	*	80-120		**100.5**	%REC	1	05/14/2021 11:20	176994
Surr: Toluene-d8	*	80-120		**102.4**	%REC	1	05/14/2021 11:20	176994

Results for Naphthalene are estimated due to sample result being outside the calibration range. Insufficient sample to reanalyze.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 21050842
Client Project: Ameren Taylorville 2nd Qtr 2021
Report Date: 21-May-21
Lab ID: 21050842-004
Client Sample ID: GW-04R
Matrix: GROUNDWATER
Collection Date: 05/13/2021 10:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.00500		**0.0260**	mg/L	50	05/19/2021 6:21	177029
Acenaphthylene	NELAP	0.000100		**0.00229**	mg/L	1	05/19/2021 7:39	177029
Anthracene	NELAP	0.000300		**0.000654**	mg/L	1	05/19/2021 7:39	177029
Benzo(a)anthracene	NELAP	0.000100		**0.000186**	mg/L	1	05/19/2021 7:39	177029
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 7:39	177029
Benzo(b)fluoranthene	NELAP	0.000100		**0.000229**	mg/L	1	05/19/2021 7:39	177029
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 7:39	177029
Benzo(k)fluoranthene	NELAP	0.00010	J	**0.000077**	mg/L	1	05/19/2021 7:39	177029
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	05/19/2021 7:39	177029
Chrysene	NELAP	0.000100		**0.000493**	mg/L	1	05/19/2021 7:39	177029
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 7:39	177029
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 7:39	177029
Fluoranthene	NELAP	0.000300		**0.00334**	mg/L	1	05/19/2021 7:39	177029
Fluorene	NELAP	0.0100		**0.0733**	mg/L	50	05/19/2021 6:21	177029
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 7:39	177029
m,p-Cresol	NELAP	0.0100		**0.0164**	mg/L	1	05/19/2021 7:39	177029
Naphthalene	NELAP	0.200		**1.82**	mg/L	500	05/19/2021 6:59	177029
o-Cresol	NELAP	0.0100		**0.0209**	mg/L	1	05/19/2021 7:39	177029
Phenanthrene	NELAP	0.0300		**0.0674**	mg/L	50	05/19/2021 6:21	177029
Pyrene	NELAP	0.000200		**0.00143**	mg/L	1	05/19/2021 7:39	177029
Surr: 2,4,6-Tribromophenol	*	10-179		**57.7**	%REC	1	05/19/2021 7:39	177029
Surr: 2-Fluorobiphenyl	*	21.4-142		**66.3**	%REC	1	05/19/2021 7:39	177029
Surr: 2-Fluorophenol	*	10-157		**71.8**	%REC	1	05/19/2021 7:39	177029
Surr: Nitrobenzene-d5	*	15-163		**64.0**	%REC	1	05/19/2021 7:39	177029
Surr: Phenol-d5	*	10-162		**52.5**	%REC	1	05/19/2021 7:39	177029
Surr: p-Terphenyl-d14	*	10-173		**74.0**	%REC	1	05/19/2021 7:39	177029
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	25.0		**341**	µg/L	50	05/14/2021 12:39	176994
Bromoform	NELAP	100		**ND**	µg/L	50	05/14/2021 12:39	176994
Ethylbenzene	NELAP	50.0		**104**	µg/L	50	05/14/2021 12:39	176994
m,p-Xylenes	NELAP	50.0		**80.5**	µg/L	50	05/14/2021 12:39	176994
Methylene chloride	NELAP	100		**ND**	µg/L	50	05/14/2021 12:39	176994
Naphthalene	NELAP	100		**1510**	µg/L	50	05/14/2021 12:39	176994
o-Xylene	NELAP	50.0		**67.0**	µg/L	50	05/14/2021 12:39	176994
Toluene	NELAP	100		**184**	µg/L	50	05/14/2021 12:39	176994
trans-1,2-Dichloroethene	NELAP	100		**ND**	µg/L	50	05/14/2021 12:39	176994
Xylenes, Total	NELAP	100		**148**	µg/L	50	05/14/2021 12:39	176994
Surr: 1,2-Dichloroethane-d4	*	80-120		**99.5**	%REC	50	05/14/2021 12:39	176994
Surr: 4-Bromofluorobenzene	*	80-120		**100.6**	%REC	50	05/14/2021 12:39	176994
Surr: Dibromofluoromethane	*	80-120		**100.8**	%REC	50	05/14/2021 12:39	176994
Surr: Toluene-d8	*	80-120		**102.4**	%REC	50	05/14/2021 12:39	176994

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

Laboratory Results

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Client: ERM
Work Order: 21050842
Client Project: Ameren Taylorville 2nd Qtr 2021
Report Date: 21-May-21
Lab ID: 21050842-005
Client Sample ID: GW-05
Matrix: GROUNDWATER
Collection Date: 05/11/2021 14:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	05/18/2021 16:06	177029
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	05/18/2021 16:06	177029
Anthracene	NELAP	0.000300		**ND**	mg/L	1	05/18/2021 16:06	177029
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	05/18/2021 16:06	177029
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/18/2021 16:06	177029
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/18/2021 16:06	177029
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	05/18/2021 16:06	177029
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/18/2021 16:06	177029
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**0.00374**	mg/L	1	05/18/2021 16:06	177029
Chrysene	NELAP	0.000100		**ND**	mg/L	1	05/18/2021 16:06	177029
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	05/18/2021 16:06	177029
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	05/18/2021 16:06	177029
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	05/18/2021 16:06	177029
Fluorene	NELAP	0.000200		**ND**	mg/L	1	05/18/2021 16:06	177029
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/18/2021 16:06	177029
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/18/2021 16:06	177029
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	05/18/2021 16:06	177029
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/18/2021 16:06	177029
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	05/18/2021 16:06	177029
Pyrene	NELAP	0.000200		**ND**	mg/L	1	05/18/2021 16:06	177029
Surr: 2,4,6-Tribromophenol	*	10-179		**91.5**	%REC	1	05/18/2021 16:06	177029
Surr: 2-Fluorobiphenyl	*	21.4-142		**93.2**	%REC	1	05/18/2021 16:06	177029
Surr: 2-Fluorophenol	*	10-157		**77.0**	%REC	1	05/18/2021 16:06	177029
Surr: Nitrobenzene-d5	*	15-163		**96.1**	%REC	1	05/18/2021 16:06	177029
Surr: Phenol-d5	*	10-162		**77.4**	%REC	1	05/18/2021 16:06	177029
Surr: p-Terphenyl-d14	*	10-173		**105.9**	%REC	1	05/18/2021 16:06	177029
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	05/19/2021 18:25	177139
Bromoform	NELAP	2.00		**ND**	µg/L	1	05/19/2021 18:25	177139
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	05/19/2021 18:25	177139
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	05/19/2021 18:25	177139
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	05/19/2021 18:25	177139
Naphthalene	NELAP	2.00		**ND**	µg/L	1	05/19/2021 18:25	177139
o-Xylene	NELAP	1.00		**ND**	µg/L	1	05/19/2021 18:25	177139
Toluene	NELAP	2.00		**ND**	µg/L	1	05/19/2021 18:25	177139
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	05/19/2021 18:25	177139
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	05/19/2021 18:25	177139
Surr: 1,2-Dichloroethane-d4	*	80-120		**97.4**	%REC	1	05/19/2021 18:25	177139
Surr: 4-Bromofluorobenzene	*	80-120		**101.7**	%REC	1	05/19/2021 18:25	177139
Surr: Dibromofluoromethane	*	80-120		**98.5**	%REC	1	05/19/2021 18:25	177139
Surr: Toluene-d8	*	80-120		**103.1**	%REC	1	05/19/2021 18:25	177139

Laboratory Results

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Client: ERM
Work Order: 21050842
Client Project: Ameren Taylorville 2nd Qtr 2021
Report Date: 21-May-21
Lab ID: 21050842-006
Client Sample ID: GW-07
Matrix: GROUNDWATER
Collection Date: 05/12/2021 16:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**0.000118**	mg/L	1	05/19/2021 8:17	177029
Acenaphthylene	NELAP	0.000100		**0.000117**	mg/L	1	05/19/2021 8:17	177029
Anthracene	NELAP	0.000300		**0.00119**	mg/L	1	05/19/2021 8:17	177029
Benzo(a)anthracene	NELAP	0.000100		**0.000161**	mg/L	1	05/19/2021 8:17	177029
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 8:17	177029
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 8:17	177029
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 8:17	177029
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 8:17	177029
Bis(2-ethylhexyl)phthalate	NELAP	0.00715		**0.00732**	mg/L	5	05/19/2021 7:37	177029
Chrysene	NELAP	0.000100		**0.000102**	mg/L	1	05/19/2021 8:17	177029
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 8:17	177029
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 8:17	177029
Fluoranthene	NELAP	0.000300		**0.00136**	mg/L	1	05/19/2021 8:17	177029
Fluorene	NELAP	0.000200		**0.000343**	mg/L	1	05/19/2021 8:17	177029
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 8:17	177029
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 8:17	177029
Naphthalene	NELAP	0.000400		**0.00329**	mg/L	1	05/19/2021 8:17	177029
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 8:17	177029
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	05/19/2021 8:17	177029
Pyrene	NELAP	0.000200		**0.00227**	mg/L	1	05/19/2021 8:17	177029
Surr: 2,4,6-Tribromophenol	*	10-179		**66.6**	%REC	1	05/19/2021 8:17	177029
Surr: 2-Fluorobiphenyl	*	21.4-142		**54.8**	%REC	1	05/19/2021 8:17	177029
Surr: 2-Fluorophenol	*	10-157		**50.3**	%REC	1	05/19/2021 8:17	177029
Surr: Nitrobenzene-d5	*	15-163		**59.0**	%REC	1	05/19/2021 8:17	177029
Surr: Phenol-d5	*	10-162		**47.2**	%REC	1	05/19/2021 8:17	177029
Surr: p-Terphenyl-d14	*	10-173		**80.3**	%REC	1	05/19/2021 8:17	177029
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	05/14/2021 13:05	176994
Bromoform	NELAP	2.00		**ND**	µg/L	1	05/14/2021 13:05	176994
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 13:05	176994
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	05/14/2021 13:05	176994
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	05/14/2021 13:05	176994
Naphthalene	NELAP	2.0	J	**1.4**	µg/L	1	05/14/2021 13:05	176994
o-Xylene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 13:05	176994
Toluene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 13:05	176994
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 13:05	176994
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	05/14/2021 13:05	176994
Surr: 1,2-Dichloroethane-d4	*	80-120		**99.3**	%REC	1	05/14/2021 13:05	176994
Surr: 4-Bromofluorobenzene	*	80-120		**101.0**	%REC	1	05/14/2021 13:05	176994
Surr: Dibromofluoromethane	*	80-120		**100.5**	%REC	1	05/14/2021 13:05	176994
Surr: Toluene-d8	*	80-120		**103.3**	%REC	1	05/14/2021 13:05	176994

Laboratory Results

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Client: ERM
Work Order: 21050842
Client Project: Ameren Taylorville 2nd Qtr 2021
Report Date: 21-May-21
Lab ID: 21050842-007
Client Sample ID: GW-14
Matrix: GROUNDWATER
Collection Date: 05/11/2021 12:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	05/18/2021 16:45	177029
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	05/18/2021 16:45	177029
Anthracene	NELAP	0.000300		**ND**	mg/L	1	05/18/2021 16:45	177029
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	05/18/2021 16:45	177029
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/18/2021 16:45	177029
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/18/2021 16:45	177029
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	05/18/2021 16:45	177029
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/18/2021 16:45	177029
Bis(2-ethylhexyl)phthalate	NELAP	0.00715		**0.00934**	mg/L	5	05/18/2021 17:24	177029
Chrysene	NELAP	0.000100		**ND**	mg/L	1	05/18/2021 16:45	177029
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	05/18/2021 16:45	177029
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	05/18/2021 16:45	177029
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	05/18/2021 16:45	177029
Fluorene	NELAP	0.000200		**ND**	mg/L	1	05/18/2021 16:45	177029
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/18/2021 16:45	177029
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/18/2021 16:45	177029
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	05/18/2021 16:45	177029
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/18/2021 16:45	177029
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	05/18/2021 16:45	177029
Pyrene	NELAP	0.000200		**ND**	mg/L	1	05/18/2021 16:45	177029
Surr: 2,4,6-Tribromophenol	*	10-179		**96.0**	%REC	1	05/18/2021 16:45	177029
Surr: 2-Fluorobiphenyl	*	21.4-142		**80.0**	%REC	1	05/18/2021 16:45	177029
Surr: 2-Fluorophenol	*	10-157		**73.9**	%REC	1	05/18/2021 16:45	177029
Surr: Nitrobenzene-d5	*	15-163		**88.6**	%REC	1	05/18/2021 16:45	177029
Surr: Phenol-d5	*	10-162		**65.4**	%REC	1	05/18/2021 16:45	177029
Surr: p-Terphenyl-d14	*	10-173		**101.1**	%REC	1	05/18/2021 16:45	177029
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	05/14/2021 13:31	176994
Bromoform	NELAP	2.00		**ND**	µg/L	1	05/14/2021 13:31	176994
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 13:31	176994
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	05/14/2021 13:31	176994
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	05/14/2021 13:31	176994
Naphthalene	NELAP	2.0	J	**0.49**	µg/L	1	05/14/2021 13:31	176994
o-Xylene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 13:31	176994
Toluene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 13:31	176994
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 13:31	176994
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	05/14/2021 13:31	176994
Surr: 1,2-Dichloroethane-d4	*	80-120		**100.0**	%REC	1	05/14/2021 13:31	176994
Surr: 4-Bromofluorobenzene	*	80-120		**100.7**	%REC	1	05/14/2021 13:31	176994
Surr: Dibromofluoromethane	*	80-120		**100.6**	%REC	1	05/14/2021 13:31	176994
Surr: Toluene-d8	*	80-120		**103.0**	%REC	1	05/14/2021 13:31	176994

Laboratory Results

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Client: ERM
Work Order: 21050842
Client Project: Ameren Taylorville 2nd Qtr 2021
Report Date: 21-May-21
Lab ID: 21050842-008
Client Sample ID: GW-15
Matrix: GROUNDWATER
Collection Date: 05/13/2021 10:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 8:55	177029
Acenaphthylene	NELAP	0.00010	J	**0.000063**	mg/L	1	05/19/2021 8:55	177029
Anthracene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 8:55	177029
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 8:55	177029
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 8:55	177029
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 8:55	177029
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 8:55	177029
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 8:55	177029
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	05/19/2021 8:55	177029
Chrysene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 8:55	177029
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 8:55	177029
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 8:55	177029
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 8:55	177029
Fluorene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 8:55	177029
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 8:55	177029
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 8:55	177029
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	05/19/2021 8:55	177029
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 8:55	177029
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	05/19/2021 8:55	177029
Pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 8:55	177029
Surr: 2,4,6-Tribromophenol	*	10-179		**73.0**	%REC	1	05/19/2021 8:55	177029
Surr: 2-Fluorobiphenyl	*	21.4-142		**53.3**	%REC	1	05/19/2021 8:55	177029
Surr: 2-Fluorophenol	*	10-157		**56.7**	%REC	1	05/19/2021 8:55	177029
Surr: Nitrobenzene-d5	*	15-163		**62.0**	%REC	1	05/19/2021 8:55	177029
Surr: Phenol-d5	*	10-162		**53.4**	%REC	1	05/19/2021 8:55	177029
Surr: p-Terphenyl-d14	*	10-173		**77.0**	%REC	1	05/19/2021 8:55	177029
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	05/14/2021 13:57	176994
Bromoform	NELAP	2.00		**ND**	µg/L	1	05/14/2021 13:57	176994
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 13:57	176994
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	05/14/2021 13:57	176994
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	05/14/2021 13:57	176994
Naphthalene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 13:57	176994
o-Xylene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 13:57	176994
Toluene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 13:57	176994
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 13:57	176994
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	05/14/2021 13:57	176994
Surr: 1,2-Dichloroethane-d4	*	80-120		**98.9**	%REC	1	05/14/2021 13:57	176994
Surr: 4-Bromofluorobenzene	*	80-120		**101.0**	%REC	1	05/14/2021 13:57	176994
Surr: Dibromofluoromethane	*	80-120		**100.5**	%REC	1	05/14/2021 13:57	176994
Surr: Toluene-d8	*	80-120		**102.8**	%REC	1	05/14/2021 13:57	176994

Laboratory Results

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Client: ERM
Work Order: 21050842
Client Project: Ameren Taylorville 2nd Qtr 2021
Report Date: 21-May-21
Lab ID: 21050842-009
Client Sample ID: GW-16S
Matrix: GROUNDWATER
Collection Date: 05/10/2021 16:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	05/14/2021 20:28	176972
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	05/14/2021 20:28	176972
Anthracene	NELAP	0.000300		**ND**	mg/L	1	05/14/2021 20:28	176972
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	05/14/2021 20:28	176972
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/14/2021 20:28	176972
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/14/2021 20:28	176972
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	05/14/2021 20:28	176972
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/14/2021 20:28	176972
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**0.00203**	mg/L	1	05/14/2021 20:28	176972
Chrysene	NELAP	0.000100		**ND**	mg/L	1	05/14/2021 20:28	176972
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	05/14/2021 20:28	176972
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	05/14/2021 20:28	176972
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	05/14/2021 20:28	176972
Fluorene	NELAP	0.000200		**ND**	mg/L	1	05/14/2021 20:28	176972
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/14/2021 20:28	176972
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/14/2021 20:28	176972
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	05/14/2021 20:28	176972
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/14/2021 20:28	176972
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	05/14/2021 20:28	176972
Pyrene	NELAP	0.000200		**ND**	mg/L	1	05/14/2021 20:28	176972
Surr: 2,4,6-Tribromophenol	*	10-179		**97.1**	%REC	1	05/14/2021 20:28	176972
Surr: 2-Fluorobiphenyl	*	21.4-142		**84.6**	%REC	1	05/14/2021 20:28	176972
Surr: 2-Fluorophenol	*	10-157		**72.2**	%REC	1	05/14/2021 20:28	176972
Surr: Nitrobenzene-d5	*	15-163		**83.7**	%REC	1	05/14/2021 20:28	176972
Surr: Phenol-d5	*	10-162		**71.2**	%REC	1	05/14/2021 20:28	176972
Surr: p-Terphenyl-d14	*	10-173		**100.7**	%REC	1	05/14/2021 20:28	176972

MBLK and LCSD surrogates are outside of upper control limits.
Insufficient sample for re-extraction.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	05/14/2021 14:23	176994
Bromoform	NELAP	2.00		**ND**	µg/L	1	05/14/2021 14:23	176994
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 14:23	176994
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	05/14/2021 14:23	176994
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	05/14/2021 14:23	176994
Naphthalene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 14:23	176994
o-Xylene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 14:23	176994
Toluene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 14:23	176994
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 14:23	176994
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	05/14/2021 14:23	176994
Surr: 1,2-Dichloroethane-d4	*	80-120		**99.0**	%REC	1	05/14/2021 14:23	176994
Surr: 4-Bromofluorobenzene	*	80-120		**100.6**	%REC	1	05/14/2021 14:23	176994
Surr: Dibromofluoromethane	*	80-120		**101.3**	%REC	1	05/14/2021 14:23	176994
Surr: Toluene-d8	*	80-120		**102.6**	%REC	1	05/14/2021 14:23	176994

Laboratory Results

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Client: ERM
Work Order: 21050842
Client Project: Ameren Taylorville 2nd Qtr 2021
Report Date: 21-May-21
Lab ID: 21050842-010
Client Sample ID: GW-16D
Matrix: GROUNDWATER
Collection Date: 05/10/2021 15:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	05/14/2021 21:45	176972
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	05/14/2021 21:45	176972
Anthracene	NELAP	0.000300		**ND**	mg/L	1	05/14/2021 21:45	176972
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	05/14/2021 21:45	176972
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/14/2021 21:45	176972
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/14/2021 21:45	176972
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	05/14/2021 21:45	176972
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/14/2021 21:45	176972
Bis(2-ethylhexyl)phthalate	NELAP	0.0020	J	**0.0019**	mg/L	1	05/14/2021 21:45	176972
Chrysene	NELAP	0.000100		**ND**	mg/L	1	05/14/2021 21:45	176972
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	05/14/2021 21:45	176972
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	05/14/2021 21:45	176972
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	05/14/2021 21:45	176972
Fluorene	NELAP	0.000200		**ND**	mg/L	1	05/14/2021 21:45	176972
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/14/2021 21:45	176972
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/14/2021 21:45	176972
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	05/14/2021 21:45	176972
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/14/2021 21:45	176972
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	05/14/2021 21:45	176972
Pyrene	NELAP	0.000200		**ND**	mg/L	1	05/14/2021 21:45	176972
Surr: 2,4,6-Tribromophenol	*	10-179		**112.4**	%REC	1	05/14/2021 21:45	176972
Surr: 2-Fluorobiphenyl	*	21.4-142		**80.5**	%REC	1	05/14/2021 21:45	176972
Surr: 2-Fluorophenol	*	10-157		**78.5**	%REC	1	05/14/2021 21:45	176972
Surr: Nitrobenzene-d5	*	15-163		**85.6**	%REC	1	05/14/2021 21:45	176972
Surr: Phenol-d5	*	10-162		**75.9**	%REC	1	05/14/2021 21:45	176972
Surr: p-Terphenyl-d14	*	10-173		**109.8**	%REC	1	05/14/2021 21:45	176972

MBLK and LCSD surrogates are outside of upper control limits.
Insufficient sample for re-extraction.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	05/14/2021 14:50	176994
Bromoform	NELAP	2.00		**ND**	µg/L	1	05/14/2021 14:50	176994
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 14:50	176994
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	05/14/2021 14:50	176994
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	05/14/2021 14:50	176994
Naphthalene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 14:50	176994
o-Xylene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 14:50	176994
Toluene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 14:50	176994
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 14:50	176994
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	05/14/2021 14:50	176994
Surr: 1,2-Dichloroethane-d4	*	80-120		**99.9**	%REC	1	05/14/2021 14:50	176994
Surr: 4-Bromofluorobenzene	*	80-120		**100.3**	%REC	1	05/14/2021 14:50	176994
Surr: Dibromofluoromethane	*	80-120		**100.8**	%REC	1	05/14/2021 14:50	176994
Surr: Toluene-d8	*	80-120		**103.1**	%REC	1	05/14/2021 14:50	176994

Laboratory Results

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Client: ERM
Work Order: 21050842
Client Project: Ameren Taylorville 2nd Qtr 2021
Report Date: 21-May-21
Lab ID: 21050842-011
Client Sample ID: GW-17
Matrix: GROUNDWATER
Collection Date: 05/10/2021 16:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	05/14/2021 23:03	176972
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	05/14/2021 23:03	176972
Anthracene	NELAP	0.000300		**ND**	mg/L	1	05/14/2021 23:03	176972
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	05/14/2021 23:03	176972
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/14/2021 23:03	176972
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/14/2021 23:03	176972
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	05/14/2021 23:03	176972
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/14/2021 23:03	176972
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	05/14/2021 23:03	176972
Chrysene	NELAP	0.000100		**ND**	mg/L	1	05/14/2021 23:03	176972
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	05/14/2021 23:03	176972
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	05/14/2021 23:03	176972
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	05/14/2021 23:03	176972
Fluorene	NELAP	0.000200		**ND**	mg/L	1	05/14/2021 23:03	176972
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/14/2021 23:03	176972
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/14/2021 23:03	176972
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	05/14/2021 23:03	176972
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/14/2021 23:03	176972
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	05/14/2021 23:03	176972
Pyrene	NELAP	0.000200		**ND**	mg/L	1	05/14/2021 23:03	176972
Surr: 2,4,6-Tribromophenol	*	10-179		**97.3**	%REC	1	05/14/2021 23:03	176972
Surr: 2-Fluorobiphenyl	*	21.4-142		**81.0**	%REC	1	05/14/2021 23:03	176972
Surr: 2-Fluorophenol	*	10-157		**43.1**	%REC	1	05/14/2021 23:03	176972
Surr: Nitrobenzene-d5	*	15-163		**89.3**	%REC	1	05/14/2021 23:03	176972
Surr: Phenol-d5	*	10-162		**63.2**	%REC	1	05/14/2021 23:03	176972
Surr: p-Terphenyl-d14	*	10-173		**109.1**	%REC	1	05/14/2021 23:03	176972

MBLK and LCSD surrogates are outside of upper control limits.
Insufficient sample for re-extraction.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	05/14/2021 15:16	176994
Bromoform	NELAP	2.00		**ND**	µg/L	1	05/14/2021 15:16	176994
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 15:16	176994
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	05/14/2021 15:16	176994
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	05/14/2021 15:16	176994
Naphthalene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 15:16	176994
o-Xylene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 15:16	176994
Toluene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 15:16	176994
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 15:16	176994
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	05/14/2021 15:16	176994
Surr: 1,2-Dichloroethane-d4	*	80-120		**98.7**	%REC	1	05/14/2021 15:16	176994
Surr: 4-Bromofluorobenzene	*	80-120		**101.1**	%REC	1	05/14/2021 15:16	176994
Surr: Dibromofluoromethane	*	80-120		**100.0**	%REC	1	05/14/2021 15:16	176994
Surr: Toluene-d8	*	80-120		**102.4**	%REC	1	05/14/2021 15:16	176994

Laboratory Results

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Client: ERM
Work Order: 21050842
Client Project: Ameren Taylorville 2nd Qtr 2021
Report Date: 21-May-21
Lab ID: 21050842-012
Client Sample ID: GW-18S
Matrix: GROUNDWATER
Collection Date: 05/11/2021 18:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 0:32	177029
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 0:32	177029
Anthracene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 0:32	177029
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 0:32	177029
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 0:32	177029
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 0:32	177029
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 0:32	177029
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 0:32	177029
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**0.00329**	mg/L	1	05/19/2021 0:32	177029
Chrysene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 0:32	177029
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 0:32	177029
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 0:32	177029
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 0:32	177029
Fluorene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 0:32	177029
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 0:32	177029
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 0:32	177029
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	05/19/2021 0:32	177029
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 0:32	177029
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	05/19/2021 0:32	177029
Pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 0:32	177029
Surr: 2,4,6-Tribromophenol	*	10-179		**85.5**	%REC	1	05/19/2021 0:32	177029
Surr: 2-Fluorobiphenyl	*	21.4-142		**72.3**	%REC	1	05/19/2021 0:32	177029
Surr: 2-Fluorophenol	*	10-157		**77.5**	%REC	1	05/19/2021 0:32	177029
Surr: Nitrobenzene-d5	*	15-163		**82.9**	%REC	1	05/19/2021 0:32	177029
Surr: Phenol-d5	*	10-162		**73.2**	%REC	1	05/19/2021 0:32	177029
Surr: p-Terphenyl-d14	*	10-173		**92.2**	%REC	1	05/19/2021 0:32	177029
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	05/14/2021 15:42	176994
Bromoform	NELAP	2.00		**ND**	µg/L	1	05/14/2021 15:42	176994
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 15:42	176994
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	05/14/2021 15:42	176994
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	05/14/2021 15:42	176994
Naphthalene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 15:42	176994
o-Xylene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 15:42	176994
Toluene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 15:42	176994
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 15:42	176994
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	05/14/2021 15:42	176994
Surr: 1,2-Dichloroethane-d4	*	80-120		**99.4**	%REC	1	05/14/2021 15:42	176994
Surr: 4-Bromofluorobenzene	*	80-120		**101.6**	%REC	1	05/14/2021 15:42	176994
Surr: Dibromofluoromethane	*	80-120		**100.4**	%REC	1	05/14/2021 15:42	176994
Surr: Toluene-d8	*	80-120		**102.3**	%REC	1	05/14/2021 15:42	176994

Laboratory Results

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Client: ERM
Work Order: 21050842
Client Project: Ameren Taylorville 2nd Qtr 2021
Report Date: 21-May-21
Lab ID: 21050842-013
Client Sample ID: GW-18D
Matrix: GROUNDWATER
Collection Date: 05/11/2021 18:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 1:11	177029
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 1:11	177029
Anthracene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 1:11	177029
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 1:11	177029
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 1:11	177029
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 1:11	177029
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 1:11	177029
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 1:11	177029
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**0.00269**	mg/L	1	05/19/2021 1:11	177029
Chrysene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 1:11	177029
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 1:11	177029
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 1:11	177029
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 1:11	177029
Fluorene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 1:11	177029
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 1:11	177029
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 1:11	177029
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	05/19/2021 1:11	177029
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 1:11	177029
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	05/19/2021 1:11	177029
Pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 1:11	177029
Surr: 2,4,6-Tribromophenol	*	10-179		**76.5**	%REC	1	05/19/2021 1:11	177029
Surr: 2-Fluorobiphenyl	*	21.4-142		**71.4**	%REC	1	05/19/2021 1:11	177029
Surr: 2-Fluorophenol	*	10-157		**70.4**	%REC	1	05/19/2021 1:11	177029
Surr: Nitrobenzene-d5	*	15-163		**75.4**	%REC	1	05/19/2021 1:11	177029
Surr: Phenol-d5	*	10-162		**67.1**	%REC	1	05/19/2021 1:11	177029
Surr: p-Terphenyl-d14	*	10-173		**90.6**	%REC	1	05/19/2021 1:11	177029
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	05/14/2021 16:08	176994
Bromoform	NELAP	2.00		**ND**	µg/L	1	05/14/2021 16:08	176994
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 16:08	176994
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	05/14/2021 16:08	176994
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	05/14/2021 16:08	176994
Naphthalene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 16:08	176994
o-Xylene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 16:08	176994
Toluene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 16:08	176994
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 16:08	176994
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	05/14/2021 16:08	176994
Surr: 1,2-Dichloroethane-d4	*	80-120		**98.8**	%REC	1	05/14/2021 16:08	176994
Surr: 4-Bromofluorobenzene	*	80-120		**100.7**	%REC	1	05/14/2021 16:08	176994
Surr: Dibromofluoromethane	*	80-120		**99.7**	%REC	1	05/14/2021 16:08	176994
Surr: Toluene-d8	*	80-120		**102.8**	%REC	1	05/14/2021 16:08	176994

Laboratory Results

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Client: ERM
Work Order: 21050842
Client Project: Ameren Taylorville 2nd Qtr 2021
Report Date: 21-May-21
Lab ID: 21050842-014
Client Sample ID: GW-19S
Matrix: GROUNDWATER
Collection Date: 05/11/2021 17:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 1:50	177029
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 1:50	177029
Anthracene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 1:50	177029
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 1:50	177029
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 1:50	177029
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 1:50	177029
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 1:50	177029
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 1:50	177029
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	05/19/2021 1:50	177029
Chrysene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 1:50	177029
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 1:50	177029
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 1:50	177029
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 1:50	177029
Fluorene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 1:50	177029
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 1:50	177029
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 1:50	177029
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	05/19/2021 1:50	177029
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 1:50	177029
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	05/19/2021 1:50	177029
Pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 1:50	177029
Surr: 2,4,6-Tribromophenol	*	10-179		**71.2**	%REC	1	05/19/2021 1:50	177029
Surr: 2-Fluorobiphenyl	*	21.4-142		**61.1**	%REC	1	05/19/2021 1:50	177029
Surr: 2-Fluorophenol	*	10-157		**62.6**	%REC	1	05/19/2021 1:50	177029
Surr: Nitrobenzene-d5	*	15-163		**65.7**	%REC	1	05/19/2021 1:50	177029
Surr: Phenol-d5	*	10-162		**61.4**	%REC	1	05/19/2021 1:50	177029
Surr: p-Terphenyl-d14	*	10-173		**93.3**	%REC	1	05/19/2021 1:50	177029
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	05/14/2021 16:34	176994
Bromoform	NELAP	2.00		**ND**	µg/L	1	05/14/2021 16:34	176994
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 16:34	176994
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	05/14/2021 16:34	176994
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	05/14/2021 16:34	176994
Naphthalene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 16:34	176994
o-Xylene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 16:34	176994
Toluene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 16:34	176994
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 16:34	176994
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	05/14/2021 16:34	176994
Surr: 1,2-Dichloroethane-d4	*	80-120		**98.9**	%REC	1	05/14/2021 16:34	176994
Surr: 4-Bromofluorobenzene	*	80-120		**101.1**	%REC	1	05/14/2021 16:34	176994
Surr: Dibromofluoromethane	*	80-120		**99.5**	%REC	1	05/14/2021 16:34	176994
Surr: Toluene-d8	*	80-120		**103.4**	%REC	1	05/14/2021 16:34	176994

Laboratory Results

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Client: ERM
Work Order: 21050842
Client Project: Ameren Taylorville 2nd Qtr 2021
Report Date: 21-May-21
Lab ID: 21050842-015
Client Sample ID: GW-19D
Matrix: GROUNDWATER
Collection Date: 05/11/2021 16:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 2:29	177029
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 2:29	177029
Anthracene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 2:29	177029
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 2:29	177029
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 2:29	177029
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 2:29	177029
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 2:29	177029
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 2:29	177029
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	05/19/2021 2:29	177029
Chrysene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 2:29	177029
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 2:29	177029
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 2:29	177029
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 2:29	177029
Fluorene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 2:29	177029
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 2:29	177029
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 2:29	177029
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	05/19/2021 2:29	177029
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 2:29	177029
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	05/19/2021 2:29	177029
Pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 2:29	177029
Surr: 2,4,6-Tribromophenol	*	10-179		**78.4**	%REC	1	05/19/2021 2:29	177029
Surr: 2-Fluorobiphenyl	*	21.4-142		**66.6**	%REC	1	05/19/2021 2:29	177029
Surr: 2-Fluorophenol	*	10-157		**70.7**	%REC	1	05/19/2021 2:29	177029
Surr: Nitrobenzene-d5	*	15-163		**66.8**	%REC	1	05/19/2021 2:29	177029
Surr: Phenol-d5	*	10-162		**65.9**	%REC	1	05/19/2021 2:29	177029
Surr: p-Terphenyl-d14	*	10-173		**80.6**	%REC	1	05/19/2021 2:29	177029
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	05/14/2021 17:01	176994
Bromoform	NELAP	2.00		**ND**	µg/L	1	05/14/2021 17:01	176994
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 17:01	176994
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	05/14/2021 17:01	176994
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	05/14/2021 17:01	176994
Naphthalene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 17:01	176994
o-Xylene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 17:01	176994
Toluene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 17:01	176994
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 17:01	176994
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	05/14/2021 17:01	176994
Surr: 1,2-Dichloroethane-d4	*	80-120		**99.3**	%REC	1	05/14/2021 17:01	176994
Surr: 4-Bromofluorobenzene	*	80-120		**101.1**	%REC	1	05/14/2021 17:01	176994
Surr: Dibromofluoromethane	*	80-120		**99.7**	%REC	1	05/14/2021 17:01	176994
Surr: Toluene-d8	*	80-120		**103.1**	%REC	1	05/14/2021 17:01	176994

Laboratory Results

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Client: ERM
Work Order: 21050842
Client Project: Ameren Taylorville 2nd Qtr 2021
Report Date: 21-May-21
Lab ID: 21050842-016
Client Sample ID: GW-20
Matrix: GROUNDWATER
Collection Date: 05/11/2021 14:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 3:08	177029
Acenaphthylene	NELAP	0.000100		**0.000330**	mg/L	1	05/19/2021 3:08	177029
Anthracene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 3:08	177029
Benzo(a)anthracene	NELAP	0.000100		**0.000388**	mg/L	1	05/19/2021 3:08	177029
Benzo(a)pyrene	NELAP	0.000200		**0.00135**	mg/L	1	05/19/2021 3:08	177029
Benzo(b)fluoranthene	NELAP	0.000100		**0.00107**	mg/L	1	05/19/2021 3:08	177029
Benzo(g,h,i)perylene	NELAP	0.000200		**0.00129**	mg/L	1	05/19/2021 3:08	177029
Benzo(k)fluoranthene	NELAP	0.000100		**0.000302**	mg/L	1	05/19/2021 3:08	177029
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	05/19/2021 3:08	177029
Chrysene	NELAP	0.000100		**0.000548**	mg/L	1	05/19/2021 3:08	177029
Dibenzo(a,h)anthracene	NELAP	0.00020	J	**0.00018**	mg/L	1	05/19/2021 3:08	177029
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 3:08	177029
Fluoranthene	NELAP	0.000300		**0.000342**	mg/L	1	05/19/2021 3:08	177029
Fluorene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 3:08	177029
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**0.000892**	mg/L	1	05/19/2021 3:08	177029
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 3:08	177029
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	05/19/2021 3:08	177029
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 3:08	177029
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	05/19/2021 3:08	177029
Pyrene	NELAP	0.000200		**0.000845**	mg/L	1	05/19/2021 3:08	177029
Surr: 2,4,6-Tribromophenol	*	10-179		**69.1**	%REC	1	05/19/2021 3:08	177029
Surr: 2-Fluorobiphenyl	*	21.4-142		**62.7**	%REC	1	05/19/2021 3:08	177029
Surr: 2-Fluorophenol	*	10-157		**60.9**	%REC	1	05/19/2021 3:08	177029
Surr: Nitrobenzene-d5	*	15-163		**72.3**	%REC	1	05/19/2021 3:08	177029
Surr: Phenol-d5	*	10-162		**55.4**	%REC	1	05/19/2021 3:08	177029
Surr: p-Terphenyl-d14	*	10-173		**50.3**	%REC	1	05/19/2021 3:08	177029
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	05/14/2021 17:27	176994
Bromoform	NELAP	2.00		**ND**	µg/L	1	05/14/2021 17:27	176994
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 17:27	176994
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	05/14/2021 17:27	176994
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	05/14/2021 17:27	176994
Naphthalene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 17:27	176994
o-Xylene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 17:27	176994
Toluene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 17:27	176994
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 17:27	176994
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	05/14/2021 17:27	176994
Surr: 1,2-Dichloroethane-d4	*	80-120		**100.1**	%REC	1	05/14/2021 17:27	176994
Surr: 4-Bromofluorobenzene	*	80-120		**101.1**	%REC	1	05/14/2021 17:27	176994
Surr: Dibromofluoromethane	*	80-120		**100.8**	%REC	1	05/14/2021 17:27	176994
Surr: Toluene-d8	*	80-120		**103.1**	%REC	1	05/14/2021 17:27	176994

Laboratory Results

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Client: ERM
Work Order: 21050842
Client Project: Ameren Taylorville 2nd Qtr 2021
Report Date: 21-May-21
Lab ID: 21050842-017
Client Sample ID: GW-21
Matrix: GROUNDWATER
Collection Date: 05/12/2021 11:05

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 11:29	177029
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 11:29	177029
Anthracene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 11:29	177029
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 11:29	177029
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 11:29	177029
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 11:29	177029
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 11:29	177029
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 11:29	177029
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	05/19/2021 11:29	177029
Chrysene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 11:29	177029
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 11:29	177029
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 11:29	177029
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 11:29	177029
Fluorene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 11:29	177029
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 11:29	177029
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 11:29	177029
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	05/19/2021 11:29	177029
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 11:29	177029
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	05/19/2021 11:29	177029
Pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 11:29	177029
Surr: 2,4,6-Tribromophenol	*	10-179		**66.0**	%REC	1	05/19/2021 11:29	177029
Surr: 2-Fluorobiphenyl	*	21.4-142		**51.7**	%REC	1	05/19/2021 11:29	177029
Surr: 2-Fluorophenol	*	10-157		**48.5**	%REC	1	05/19/2021 11:29	177029
Surr: Nitrobenzene-d5	*	15-163		**63.7**	%REC	1	05/19/2021 11:29	177029
Surr: Phenol-d5	*	10-162		**41.6**	%REC	1	05/19/2021 11:29	177029
Surr: p-Terphenyl-d14	*	10-173		**56.5**	%REC	1	05/19/2021 11:29	177029
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	05/14/2021 17:53	176994
Bromoform	NELAP	2.00		**ND**	µg/L	1	05/14/2021 17:53	176994
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 17:53	176994
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	05/14/2021 17:53	176994
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	05/14/2021 17:53	176994
Naphthalene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 17:53	176994
o-Xylene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 17:53	176994
Toluene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 17:53	176994
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 17:53	176994
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	05/14/2021 17:53	176994
Surr: 1,2-Dichloroethane-d4	*	80-120		**99.8**	%REC	1	05/14/2021 17:53	176994
Surr: 4-Bromofluorobenzene	*	80-120		**101.5**	%REC	1	05/14/2021 17:53	176994
Surr: Dibromofluoromethane	*	80-120		**99.8**	%REC	1	05/14/2021 17:53	176994
Surr: Toluene-d8	*	80-120		**102.4**	%REC	1	05/14/2021 17:53	176994

Laboratory Results

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Client: ERM
Work Order: 21050842
Client Project: Ameren Taylorville 2nd Qtr 2021
Report Date: 21-May-21
Lab ID: 21050842-018
Client Sample ID: GW-22S
Matrix: GROUNDWATER
Collection Date: 05/12/2021 17:55

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 14:05	177047
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 14:05	177047
Anthracene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 14:05	177047
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 14:05	177047
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 14:05	177047
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 14:05	177047
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 14:05	177047
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 14:05	177047
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**0.00472**	mg/L	1	05/19/2021 14:05	177047
Chrysene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 14:05	177047
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 14:05	177047
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 14:05	177047
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 14:05	177047
Fluorene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 14:05	177047
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 14:05	177047
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 14:05	177047
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	05/19/2021 14:05	177047
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 14:05	177047
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	05/19/2021 14:05	177047
Pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 14:05	177047
Surr: 2,4,6-Tribromophenol	*	10-179		**98.8**	%REC	1	05/19/2021 14:05	177047
Surr: 2-Fluorobiphenyl	*	21.4-142		**74.1**	%REC	1	05/19/2021 14:05	177047
Surr: 2-Fluorophenol	*	10-157		**67.3**	%REC	1	05/19/2021 14:05	177047
Surr: Nitrobenzene-d5	*	15-163		**88.4**	%REC	1	05/19/2021 14:05	177047
Surr: Phenol-d5	*	10-162		**56.0**	%REC	1	05/19/2021 14:05	177047
Surr: p-Terphenyl-d14	*	10-173		**113.9**	%REC	1	05/19/2021 14:05	177047
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	05/19/2021 19:43	177139
Bromoform	NELAP	2.00		**ND**	µg/L	1	05/19/2021 19:43	177139
Ethylbenzene	NELAP	1.0	J	**0.14**	µg/L	1	05/19/2021 19:43	177139
m,p-Xylenes	NELAP	1.0	J	**0.20**	µg/L	1	05/19/2021 19:43	177139
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	05/19/2021 19:43	177139
Naphthalene	NELAP	2.00		**ND**	µg/L	1	05/19/2021 19:43	177139
o-Xylene	NELAP	1.0	J	**0.13**	µg/L	1	05/19/2021 19:43	177139
Toluene	NELAP	2.00		**ND**	µg/L	1	05/19/2021 19:43	177139
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	05/19/2021 19:43	177139
Xylenes, Total	NELAP	2.0	J	**0.33**	µg/L	1	05/19/2021 19:43	177139
Surr: 1,2-Dichloroethane-d4	*	80-120		**97.0**	%REC	1	05/19/2021 19:43	177139
Surr: 4-Bromofluorobenzene	*	80-120		**102.3**	%REC	1	05/19/2021 19:43	177139
Surr: Dibromofluoromethane	*	80-120		**97.8**	%REC	1	05/19/2021 19:43	177139
Surr: Toluene-d8	*	80-120		**102.4**	%REC	1	05/19/2021 19:43	177139

Laboratory Results

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Client: ERM
Work Order: 21050842
Client Project: Ameren Taylorville 2nd Qtr 2021
Report Date: 21-May-21
Lab ID: 21050842-019
Client Sample ID: GW-22D
Matrix: GROUNDWATER
Collection Date: 05/12/2021 17:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 14:45	177047
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 14:45	177047
Anthracene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 14:45	177047
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 14:45	177047
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 14:45	177047
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 14:45	177047
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 14:45	177047
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 14:45	177047
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	05/19/2021 14:45	177047
Chrysene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 14:45	177047
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 14:45	177047
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 14:45	177047
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 14:45	177047
Fluorene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 14:45	177047
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 14:45	177047
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 14:45	177047
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	05/19/2021 14:45	177047
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 14:45	177047
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	05/19/2021 14:45	177047
Pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 14:45	177047
Surr: 2,4,6-Tribromophenol	*	10-179		**95.8**	%REC	1	05/19/2021 14:45	177047
Surr: 2-Fluorobiphenyl	*	21.4-142		**74.7**	%REC	1	05/19/2021 14:45	177047
Surr: 2-Fluorophenol	*	10-157		**66.0**	%REC	1	05/19/2021 14:45	177047
Surr: Nitrobenzene-d5	*	15-163		**79.7**	%REC	1	05/19/2021 14:45	177047
Surr: Phenol-d5	*	10-162		**63.2**	%REC	1	05/19/2021 14:45	177047
Surr: p-Terphenyl-d14	*	10-173		**112.4**	%REC	1	05/19/2021 14:45	177047
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**1.20**	µg/L	1	05/14/2021 13:49	177008
Bromoform	NELAP	2.00		**ND**	µg/L	1	05/14/2021 13:49	177008
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 13:49	177008
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	05/14/2021 13:49	177008
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	05/14/2021 13:49	177008
Naphthalene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 13:49	177008
o-Xylene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 13:49	177008
Toluene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 13:49	177008
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 13:49	177008
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	05/14/2021 13:49	177008
Surr: 1,2-Dichloroethane-d4	*	80-120		**91.7**	%REC	1	05/14/2021 13:49	177008
Surr: 4-Bromofluorobenzene	*	80-120		**95.5**	%REC	1	05/14/2021 13:49	177008
Surr: Dibromofluoromethane	*	80-120		**98.5**	%REC	1	05/14/2021 13:49	177008
Surr: Toluene-d8	*	80-120		**93.3**	%REC	1	05/14/2021 13:49	177008

Laboratory Results

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Client: ERM
Work Order: 21050842
Client Project: Ameren Taylorville 2nd Qtr 2021
Report Date: 21-May-21
Lab ID: 21050842-020
Client Sample ID: GW-15-DUP
Matrix: GROUNDWATER
Collection Date: 05/13/2021 10:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 15:24	177047
Acenaphthylene	NELAP	0.00010	J	**0.000084**	mg/L	1	05/19/2021 15:24	177047
Anthracene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 15:24	177047
Benzo(a)anthracene	NELAP	0.00010	J	**0.000070**	mg/L	1	05/19/2021 15:24	177047
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 15:24	177047
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 15:24	177047
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 15:24	177047
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 15:24	177047
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	05/19/2021 15:24	177047
Chrysene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 15:24	177047
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 15:24	177047
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 15:24	177047
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 15:24	177047
Fluorene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 15:24	177047
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 15:24	177047
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 15:24	177047
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	05/19/2021 15:24	177047
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 15:24	177047
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	05/19/2021 15:24	177047
Pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 15:24	177047
Surr: 2,4,6-Tribromophenol	*	10-179		**111.4**	%REC	1	05/19/2021 15:24	177047
Surr: 2-Fluorobiphenyl	*	21.4-142		**78.6**	%REC	1	05/19/2021 15:24	177047
Surr: 2-Fluorophenol	*	10-157		**68.8**	%REC	1	05/19/2021 15:24	177047
Surr: Nitrobenzene-d5	*	15-163		**84.8**	%REC	1	05/19/2021 15:24	177047
Surr: Phenol-d5	*	10-162		**64.0**	%REC	1	05/19/2021 15:24	177047
Surr: p-Terphenyl-d14	*	10-173		**112.6**	%REC	1	05/19/2021 15:24	177047
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	05/14/2021 14:16	177008
Bromoform	NELAP	2.00		**ND**	µg/L	1	05/14/2021 14:16	177008
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 14:16	177008
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	05/14/2021 14:16	177008
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	05/14/2021 14:16	177008
Naphthalene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 14:16	177008
o-Xylene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 14:16	177008
Toluene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 14:16	177008
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 14:16	177008
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	05/14/2021 14:16	177008
Surr: 1,2-Dichloroethane-d4	*	80-120		**95.9**	%REC	1	05/14/2021 14:16	177008
Surr: 4-Bromofluorobenzene	*	80-120		**95.6**	%REC	1	05/14/2021 14:16	177008
Surr: Dibromofluoromethane	*	80-120		**99.9**	%REC	1	05/14/2021 14:16	177008
Surr: Toluene-d8	*	80-120		**92.8**	%REC	1	05/14/2021 14:16	177008

Laboratory Results

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Client: ERM
Work Order: 21050842
Client Project: Ameren Taylorville 2nd Qtr 2021
Report Date: 21-May-21
Lab ID: 21050842-021
Client Sample ID: GW-12
Matrix: GROUNDWATER
Collection Date: 05/12/2021 10:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 16:03	177047
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 16:03	177047
Anthracene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 16:03	177047
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 16:03	177047
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 16:03	177047
Benzo(b)fluoranthene	NELAP	0.000100		**0.000106**	mg/L	1	05/19/2021 16:03	177047
Benzo(g,h,i)perylene	NELAP	0.000200		**0.000203**	mg/L	1	05/19/2021 16:03	177047
Benzo(k)fluoranthene	NELAP	0.00010	J	**0.000056**	mg/L	1	05/19/2021 16:03	177047
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	05/19/2021 16:03	177047
Chrysene	NELAP	0.00010	J	**0.000056**	mg/L	1	05/19/2021 16:03	177047
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 16:03	177047
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 16:03	177047
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 16:03	177047
Fluorene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 16:03	177047
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 16:03	177047
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 16:03	177047
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	05/19/2021 16:03	177047
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 16:03	177047
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	05/19/2021 16:03	177047
Pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 16:03	177047
Surr: 2,4,6-Tribromophenol	*	10-179		**87.0**	%REC	1	05/19/2021 16:03	177047
Surr: 2-Fluorobiphenyl	*	21.4-142		**80.6**	%REC	1	05/19/2021 16:03	177047
Surr: 2-Fluorophenol	*	10-157		**61.2**	%REC	1	05/19/2021 16:03	177047
Surr: Nitrobenzene-d5	*	15-163		**85.4**	%REC	1	05/19/2021 16:03	177047
Surr: Phenol-d5	*	10-162		**49.9**	%REC	1	05/19/2021 16:03	177047
Surr: p-Terphenyl-d14	*	10-173		**105.0**	%REC	1	05/19/2021 16:03	177047
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	05/14/2021 14:42	177008
Bromoform	NELAP	2.00		**ND**	µg/L	1	05/14/2021 14:42	177008
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 14:42	177008
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	05/14/2021 14:42	177008
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	05/14/2021 14:42	177008
Naphthalene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 14:42	177008
o-Xylene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 14:42	177008
Toluene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 14:42	177008
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 14:42	177008
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	05/14/2021 14:42	177008
Surr: 1,2-Dichloroethane-d4	*	80-120		**91.2**	%REC	1	05/14/2021 14:42	177008
Surr: 4-Bromofluorobenzene	*	80-120		**96.0**	%REC	1	05/14/2021 14:42	177008
Surr: Dibromofluoromethane	*	80-120		**97.9**	%REC	1	05/14/2021 14:42	177008
Surr: Toluene-d8	*	80-120		**94.4**	%REC	1	05/14/2021 14:42	177008

Laboratory Results

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Client: ERM
Work Order: 21050842
Client Project: Ameren Taylorville 2nd Qtr 2021
Report Date: 21-May-21
Lab ID: 21050842-022
Client Sample ID: GW-13S
Matrix: GROUNDWATER
Collection Date: 05/12/2021 9:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 16:42	177047
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 16:42	177047
Anthracene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 16:42	177047
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 16:42	177047
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 16:42	177047
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 16:42	177047
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 16:42	177047
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 16:42	177047
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	05/19/2021 16:42	177047
Chrysene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 16:42	177047
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 16:42	177047
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 16:42	177047
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 16:42	177047
Fluorene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 16:42	177047
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 16:42	177047
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 16:42	177047
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	05/19/2021 16:42	177047
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 16:42	177047
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	05/19/2021 16:42	177047
Pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 16:42	177047
Surr: 2,4,6-Tribromophenol	*	10-179		**113.4**	%REC	1	05/19/2021 16:42	177047
Surr: 2-Fluorobiphenyl	*	21.4-142		**81.4**	%REC	1	05/19/2021 16:42	177047
Surr: 2-Fluorophenol	*	10-157		**71.5**	%REC	1	05/19/2021 16:42	177047
Surr: Nitrobenzene-d5	*	15-163		**83.8**	%REC	1	05/19/2021 16:42	177047
Surr: Phenol-d5	*	10-162		**63.5**	%REC	1	05/19/2021 16:42	177047
Surr: p-Terphenyl-d14	*	10-173		**121.0**	%REC	1	05/19/2021 16:42	177047
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	05/14/2021 15:09	177008
Bromoform	NELAP	2.00		**ND**	µg/L	1	05/14/2021 15:09	177008
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 15:09	177008
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	05/14/2021 15:09	177008
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	05/14/2021 15:09	177008
Naphthalene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 15:09	177008
o-Xylene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 15:09	177008
Toluene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 15:09	177008
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 15:09	177008
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	05/14/2021 15:09	177008
Surr: 1,2-Dichloroethane-d4	*	80-120		**89.6**	%REC	1	05/14/2021 15:09	177008
Surr: 4-Bromofluorobenzene	*	80-120		**96.2**	%REC	1	05/14/2021 15:09	177008
Surr: Dibromofluoromethane	*	80-120		**98.9**	%REC	1	05/14/2021 15:09	177008
Surr: Toluene-d8	*	80-120		**95.4**	%REC	1	05/14/2021 15:09	177008

Laboratory Results

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Client: ERM
Work Order: 21050842
Client Project: Ameren Taylorville 2nd Qtr 2021
Report Date: 21-May-21
Lab ID: 21050842-023
Client Sample ID: GW-13D
Matrix: GROUNDWATER
Collection Date: 05/12/2021 9:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 17:21	177047
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 17:21	177047
Anthracene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 17:21	177047
Benzo(a)anthracene	NELAP	0.00010	J	**0.000070**	mg/L	1	05/19/2021 17:21	177047
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 17:21	177047
Benzo(b)fluoranthene	NELAP	0.000100		**0.000102**	mg/L	1	05/19/2021 17:21	177047
Benzo(g,h,i)perylene	NELAP	0.000200		**0.000240**	mg/L	1	05/19/2021 17:21	177047
Benzo(k)fluoranthene	NELAP	0.000100		**0.000167**	mg/L	1	05/19/2021 17:21	177047
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	05/19/2021 17:21	177047
Chrysene	NELAP	0.000100		**0.000104**	mg/L	1	05/19/2021 17:21	177047
Dibenzo(a,h)anthracene	NELAP	0.000200		**0.000244**	mg/L	1	05/19/2021 17:21	177047
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 17:21	177047
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 17:21	177047
Fluorene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 17:21	177047
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**0.000235**	mg/L	1	05/19/2021 17:21	177047
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 17:21	177047
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	05/19/2021 17:21	177047
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 17:21	177047
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	05/19/2021 17:21	177047
Pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 17:21	177047
Surr: 2,4,6-Tribromophenol	*	10-179		**97.6**	%REC	1	05/19/2021 17:21	177047
Surr: 2-Fluorobiphenyl	*	21.4-142		**81.2**	%REC	1	05/19/2021 17:21	177047
Surr: 2-Fluorophenol	*	10-157		**70.9**	%REC	1	05/19/2021 17:21	177047
Surr: Nitrobenzene-d5	*	15-163		**86.0**	%REC	1	05/19/2021 17:21	177047
Surr: Phenol-d5	*	10-162		**59.5**	%REC	1	05/19/2021 17:21	177047
Surr: p-Terphenyl-d14	*	10-173		**108.2**	%REC	1	05/19/2021 17:21	177047
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	05/14/2021 15:36	177008
Bromoform	NELAP	2.00		**ND**	µg/L	1	05/14/2021 15:36	177008
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 15:36	177008
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	05/14/2021 15:36	177008
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	05/14/2021 15:36	177008
Naphthalene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 15:36	177008
o-Xylene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 15:36	177008
Toluene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 15:36	177008
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 15:36	177008
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	05/14/2021 15:36	177008
Surr: 1,2-Dichloroethane-d4	*	80-120		**87.8**	%REC	1	05/14/2021 15:36	177008
Surr: 4-Bromofluorobenzene	*	80-120		**95.1**	%REC	1	05/14/2021 15:36	177008
Surr: Dibromofluoromethane	*	80-120		**98.6**	%REC	1	05/14/2021 15:36	177008
Surr: Toluene-d8	*	80-120		**94.7**	%REC	1	05/14/2021 15:36	177008

Laboratory Results

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Client: ERM
Work Order: 21050842
Client Project: Ameren Taylorville 2nd Qtr 2021
Report Date: 21-May-21
Lab ID: 21050842-024
Client Sample ID: GW-101S
Matrix: GROUNDWATER
Collection Date: 05/11/2021 11:05

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 3:47	177029
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 3:47	177029
Anthracene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 3:47	177029
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 3:47	177029
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 3:47	177029
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 3:47	177029
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 3:47	177029
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 3:47	177029
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	05/19/2021 3:47	177029
Chrysene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 3:47	177029
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 3:47	177029
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 3:47	177029
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 3:47	177029
Fluorene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 3:47	177029
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 3:47	177029
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 3:47	177029
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	05/19/2021 3:47	177029
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 3:47	177029
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	05/19/2021 3:47	177029
Pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 3:47	177029
Surr: 2,4,6-Tribromophenol	*	10-179		**67.5**	%REC	1	05/19/2021 3:47	177029
Surr: 2-Fluorobiphenyl	*	21.4-142		**59.2**	%REC	1	05/19/2021 3:47	177029
Surr: 2-Fluorophenol	*	10-157		**56.3**	%REC	1	05/19/2021 3:47	177029
Surr: Nitrobenzene-d5	*	15-163		**78.8**	%REC	1	05/19/2021 3:47	177029
Surr: Phenol-d5	*	10-162		**56.4**	%REC	1	05/19/2021 3:47	177029
Surr: p-Terphenyl-d14	*	10-173		**86.1**	%REC	1	05/19/2021 3:47	177029
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	05/14/2021 16:03	177008
Bromoform	NELAP	2.00		**ND**	µg/L	1	05/14/2021 16:03	177008
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 16:03	177008
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	05/14/2021 16:03	177008
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	05/14/2021 16:03	177008
Naphthalene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 16:03	177008
o-Xylene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 16:03	177008
Toluene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 16:03	177008
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 16:03	177008
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	05/14/2021 16:03	177008
Surr: 1,2-Dichloroethane-d4	*	80-120		**90.5**	%REC	1	05/14/2021 16:03	177008
Surr: 4-Bromofluorobenzene	*	80-120		**94.6**	%REC	1	05/14/2021 16:03	177008
Surr: Dibromofluoromethane	*	80-120		**98.8**	%REC	1	05/14/2021 16:03	177008
Surr: Toluene-d8	*	80-120		**93.9**	%REC	1	05/14/2021 16:03	177008

Laboratory Results

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Client: ERM
Work Order: 21050842
Client Project: Ameren Taylorville 2nd Qtr 2021
Report Date: 21-May-21
Lab ID: 21050842-025
Client Sample ID: GW-102S
Matrix: GROUNDWATER
Collection Date: 05/11/2021 10:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 4:28	177029
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 4:28	177029
Anthracene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 4:28	177029
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 4:28	177029
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 4:28	177029
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 4:28	177029
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 4:28	177029
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 4:28	177029
Bis(2-ethylhexyl)phthalate	NELAP	0.0020	J	**0.0019**	mg/L	1	05/19/2021 4:28	177029
Chrysene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 4:28	177029
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 4:28	177029
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 4:28	177029
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 4:28	177029
Fluorene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 4:28	177029
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 4:28	177029
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 4:28	177029
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	05/19/2021 4:28	177029
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 4:28	177029
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	05/19/2021 4:28	177029
Pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 4:28	177029
Surr: 2,4,6-Tribromophenol	*	10-179		**77.1**	%REC	1	05/19/2021 4:28	177029
Surr: 2-Fluorobiphenyl	*	21.4-142		**74.5**	%REC	1	05/19/2021 4:28	177029
Surr: 2-Fluorophenol	*	10-157		**45.1**	%REC	1	05/19/2021 4:28	177029
Surr: Nitrobenzene-d5	*	15-163		**71.7**	%REC	1	05/19/2021 4:28	177029
Surr: Phenol-d5	*	10-162		**56.2**	%REC	1	05/19/2021 4:28	177029
Surr: p-Terphenyl-d14	*	10-173		**77.0**	%REC	1	05/19/2021 4:28	177029
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	05/14/2021 16:29	177008
Bromoform	NELAP	2.00		**ND**	µg/L	1	05/14/2021 16:29	177008
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 16:29	177008
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	05/14/2021 16:29	177008
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	05/14/2021 16:29	177008
Naphthalene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 16:29	177008
o-Xylene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 16:29	177008
Toluene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 16:29	177008
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 16:29	177008
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	05/14/2021 16:29	177008
Surr: 1,2-Dichloroethane-d4	*	80-120		**90.6**	%REC	1	05/14/2021 16:29	177008
Surr: 4-Bromofluorobenzene	*	80-120		**95.9**	%REC	1	05/14/2021 16:29	177008
Surr: Dibromofluoromethane	*	80-120		**99.1**	%REC	1	05/14/2021 16:29	177008
Surr: Toluene-d8	*	80-120		**94.2**	%REC	1	05/14/2021 16:29	177008

Laboratory Results

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Client: ERM
Work Order: 21050842
Client Project: Ameren Taylorville 2nd Qtr 2021
Report Date: 21-May-21
Lab ID: 21050842-026
Client Sample ID: GW-102D
Matrix: GROUNDWATER
Collection Date: 05/11/2021 10:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 5:06	177029
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 5:06	177029
Anthracene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 5:06	177029
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 5:06	177029
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 5:06	177029
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 5:06	177029
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 5:06	177029
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 5:06	177029
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	05/19/2021 5:06	177029
Chrysene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 5:06	177029
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 5:06	177029
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 5:06	177029
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 5:06	177029
Fluorene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 5:06	177029
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 5:06	177029
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 5:06	177029
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	05/19/2021 5:06	177029
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 5:06	177029
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	05/19/2021 5:06	177029
Pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 5:06	177029
Surr: 2,4,6-Tribromophenol	*	10-179		**84.6**	%REC	1	05/19/2021 5:06	177029
Surr: 2-Fluorobiphenyl	*	21.4-142		**70.7**	%REC	1	05/19/2021 5:06	177029
Surr: 2-Fluorophenol	*	10-157		**47.8**	%REC	1	05/19/2021 5:06	177029
Surr: Nitrobenzene-d5	*	15-163		**72.1**	%REC	1	05/19/2021 5:06	177029
Surr: Phenol-d5	*	10-162		**64.0**	%REC	1	05/19/2021 5:06	177029
Surr: p-Terphenyl-d14	*	10-173		**89.0**	%REC	1	05/19/2021 5:06	177029
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	05/14/2021 16:56	177008
Bromoform	NELAP	2.00		**ND**	µg/L	1	05/14/2021 16:56	177008
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 16:56	177008
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	05/14/2021 16:56	177008
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	05/14/2021 16:56	177008
Naphthalene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 16:56	177008
o-Xylene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 16:56	177008
Toluene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 16:56	177008
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 16:56	177008
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	05/14/2021 16:56	177008
Surr: 1,2-Dichloroethane-d4	*	80-120		**93.4**	%REC	1	05/14/2021 16:56	177008
Surr: 4-Bromofluorobenzene	*	80-120		**94.5**	%REC	1	05/14/2021 16:56	177008
Surr: Dibromofluoromethane	*	80-120		**100.4**	%REC	1	05/14/2021 16:56	177008
Surr: Toluene-d8	*	80-120		**93.4**	%REC	1	05/14/2021 16:56	177008

Laboratory Results

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Client: ERM
Work Order: 21050842
Client Project: Ameren Taylorville 2nd Qtr 2021
Report Date: 21-May-21
Lab ID: 21050842-027
Client Sample ID: GW-103S
Matrix: GROUNDWATER
Collection Date: 05/12/2021 12:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 18:00	177047
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 18:00	177047
Anthracene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 18:00	177047
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 18:00	177047
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 18:00	177047
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 18:00	177047
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 18:00	177047
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 18:00	177047
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	05/19/2021 18:00	177047
Chrysene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 18:00	177047
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 18:00	177047
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 18:00	177047
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 18:00	177047
Fluorene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 18:00	177047
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 18:00	177047
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 18:00	177047
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	05/19/2021 18:00	177047
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 18:00	177047
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	05/19/2021 18:00	177047
Pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 18:00	177047
Surr: 2,4,6-Tribromophenol	*	10-179		**99.3**	%REC	1	05/19/2021 18:00	177047
Surr: 2-Fluorobiphenyl	*	21.4-142		**70.3**	%REC	1	05/19/2021 18:00	177047
Surr: 2-Fluorophenol	*	10-157		**75.7**	%REC	1	05/19/2021 18:00	177047
Surr: Nitrobenzene-d5	*	15-163		**73.6**	%REC	1	05/19/2021 18:00	177047
Surr: Phenol-d5	*	10-162		**60.2**	%REC	1	05/19/2021 18:00	177047
Surr: p-Terphenyl-d14	*	10-173		**86.8**	%REC	1	05/19/2021 18:00	177047
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	05/14/2021 17:23	177008
Bromoform	NELAP	2.00		**ND**	µg/L	1	05/14/2021 17:23	177008
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 17:23	177008
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	05/14/2021 17:23	177008
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	05/14/2021 17:23	177008
Naphthalene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 17:23	177008
o-Xylene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 17:23	177008
Toluene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 17:23	177008
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 17:23	177008
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	05/14/2021 17:23	177008
Surr: 1,2-Dichloroethane-d4	*	80-120		**88.5**	%REC	1	05/14/2021 17:23	177008
Surr: 4-Bromofluorobenzene	*	80-120		**95.5**	%REC	1	05/14/2021 17:23	177008
Surr: Dibromofluoromethane	*	80-120		**97.3**	%REC	1	05/14/2021 17:23	177008
Surr: Toluene-d8	*	80-120		**93.4**	%REC	1	05/14/2021 17:23	177008

Laboratory Results

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Client: ERM
Work Order: 21050842
Client Project: Ameren Taylorville 2nd Qtr 2021
Report Date: 21-May-21
Lab ID: 21050842-028
Client Sample ID: GW-103D
Matrix: GROUNDWATER
Collection Date: 05/12/2021 12:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 18:40	177047
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 18:40	177047
Anthracene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 18:40	177047
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 18:40	177047
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 18:40	177047
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 18:40	177047
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 18:40	177047
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 18:40	177047
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	05/19/2021 18:40	177047
Chrysene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 18:40	177047
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 18:40	177047
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 18:40	177047
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 18:40	177047
Fluorene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 18:40	177047
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 18:40	177047
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 18:40	177047
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	05/19/2021 18:40	177047
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 18:40	177047
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	05/19/2021 18:40	177047
Pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 18:40	177047
Surr: 2,4,6-Tribromophenol	*	10-179		**109.4**	%REC	1	05/19/2021 18:40	177047
Surr: 2-Fluorobiphenyl	*	21.4-142		**76.5**	%REC	1	05/19/2021 18:40	177047
Surr: 2-Fluorophenol	*	10-157		**72.0**	%REC	1	05/19/2021 18:40	177047
Surr: Nitrobenzene-d5	*	15-163		**83.0**	%REC	1	05/19/2021 18:40	177047
Surr: Phenol-d5	*	10-162		**63.6**	%REC	1	05/19/2021 18:40	177047
Surr: p-Terphenyl-d14	*	10-173		**117.3**	%REC	1	05/19/2021 18:40	177047
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	05/14/2021 10:04	176968
Bromoform	NELAP	2.00		**ND**	µg/L	1	05/14/2021 10:04	176968
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 10:04	176968
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	05/14/2021 10:04	176968
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	05/14/2021 10:04	176968
Naphthalene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 10:04	176968
o-Xylene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 10:04	176968
Toluene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 10:04	176968
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 10:04	176968
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	05/14/2021 10:04	176968
Surr: 1,2-Dichloroethane-d4	*	80-120		**91.3**	%REC	1	05/14/2021 10:04	176968
Surr: 4-Bromofluorobenzene	*	80-120		**95.5**	%REC	1	05/14/2021 10:04	176968
Surr: Dibromofluoromethane	*	80-120		**98.9**	%REC	1	05/14/2021 10:04	176968
Surr: Toluene-d8	*	80-120		**99.1**	%REC	1	05/14/2021 10:04	176968

Laboratory Results

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Client: ERM
Work Order: 21050842
Client Project: Ameren Taylorville 2nd Qtr 2021
Report Date: 21-May-21
Lab ID: 21050842-029
Client Sample ID: GW-25
Matrix: GROUNDWATER
Collection Date: 05/12/2021 15:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 19:19	177047
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 19:19	177047
Anthracene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 19:19	177047
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 19:19	177047
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 19:19	177047
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 19:19	177047
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 19:19	177047
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 19:19	177047
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	05/19/2021 19:19	177047
Chrysene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 19:19	177047
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 19:19	177047
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 19:19	177047
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 19:19	177047
Fluorene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 19:19	177047
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 19:19	177047
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 19:19	177047
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	05/19/2021 19:19	177047
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 19:19	177047
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	05/19/2021 19:19	177047
Pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 19:19	177047
Surr: 2,4,6-Tribromophenol	*	10-179		**108.0**	%REC	1	05/19/2021 19:19	177047
Surr: 2-Fluorobiphenyl	*	21.4-142		**77.6**	%REC	1	05/19/2021 19:19	177047
Surr: 2-Fluorophenol	*	10-157		**68.0**	%REC	1	05/19/2021 19:19	177047
Surr: Nitrobenzene-d5	*	15-163		**84.7**	%REC	1	05/19/2021 19:19	177047
Surr: Phenol-d5	*	10-162		**58.0**	%REC	1	05/19/2021 19:19	177047
Surr: p-Terphenyl-d14	*	10-173		**112.9**	%REC	1	05/19/2021 19:19	177047
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	05/14/2021 10:30	176968
Bromoform	NELAP	2.00		**ND**	µg/L	1	05/14/2021 10:30	176968
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 10:30	176968
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	05/14/2021 10:30	176968
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	05/14/2021 10:30	176968
Naphthalene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 10:30	176968
o-Xylene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 10:30	176968
Toluene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 10:30	176968
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 10:30	176968
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	05/14/2021 10:30	176968
Surr: 1,2-Dichloroethane-d4	*	80-120		**92.3**	%REC	1	05/14/2021 10:30	176968
Surr: 4-Bromofluorobenzene	*	80-120		**96.0**	%REC	1	05/14/2021 10:30	176968
Surr: Dibromofluoromethane	*	80-120		**99.2**	%REC	1	05/14/2021 10:30	176968
Surr: Toluene-d8	*	80-120		**98.4**	%REC	1	05/14/2021 10:30	176968

Laboratory Results

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Client: ERM
Work Order: 21050842
Client Project: Ameren Taylorville 2nd Qtr 2021
Report Date: 21-May-21
Lab ID: 21050842-030
Client Sample ID: GW-26
Matrix: GROUNDWATER
Collection Date: 05/11/2021 8:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 5:45	177029
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 5:45	177029
Anthracene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 5:45	177029
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 5:45	177029
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 5:45	177029
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 5:45	177029
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 5:45	177029
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 5:45	177029
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	05/19/2021 5:45	177029
Chrysene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 5:45	177029
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 5:45	177029
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 5:45	177029
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 5:45	177029
Fluorene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 5:45	177029
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 5:45	177029
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 5:45	177029
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	05/19/2021 5:45	177029
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 5:45	177029
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	05/19/2021 5:45	177029
Pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 5:45	177029
Surr: 2,4,6-Tribromophenol	*	10-179		**80.3**	%REC	1	05/19/2021 5:45	177029
Surr: 2-Fluorobiphenyl	*	21.4-142		**62.9**	%REC	1	05/19/2021 5:45	177029
Surr: 2-Fluorophenol	*	10-157		**51.7**	%REC	1	05/19/2021 5:45	177029
Surr: Nitrobenzene-d5	*	15-163		**66.8**	%REC	1	05/19/2021 5:45	177029
Surr: Phenol-d5	*	10-162		**61.6**	%REC	1	05/19/2021 5:45	177029
Surr: p-Terphenyl-d14	*	10-173		**85.6**	%REC	1	05/19/2021 5:45	177029
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	05/14/2021 10:55	176968
Bromoform	NELAP	2.00		**ND**	µg/L	1	05/14/2021 10:55	176968
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 10:55	176968
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	05/14/2021 10:55	176968
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	05/14/2021 10:55	176968
Naphthalene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 10:55	176968
o-Xylene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 10:55	176968
Toluene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 10:55	176968
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 10:55	176968
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	05/14/2021 10:55	176968
Surr: 1,2-Dichloroethane-d4	*	80-120		**92.3**	%REC	1	05/14/2021 10:55	176968
Surr: 4-Bromofluorobenzene	*	80-120		**95.5**	%REC	1	05/14/2021 10:55	176968
Surr: Dibromofluoromethane	*	80-120		**99.1**	%REC	1	05/14/2021 10:55	176968
Surr: Toluene-d8	*	80-120		**98.4**	%REC	1	05/14/2021 10:55	176968

Laboratory Results

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Client: ERM
Work Order: 21050842
Client Project: Ameren Taylorville 2nd Qtr 2021
Report Date: 21-May-21
Lab ID: 21050842-031
Client Sample ID: GW-20-DUP
Matrix: GROUNDWATER
Collection Date: 05/11/2021 14:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 6:23	177029
Acenaphthylene	NELAP	0.000100		**0.000509**	mg/L	1	05/19/2021 6:23	177029
Anthracene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 6:23	177029
Benzo(a)anthracene	NELAP	0.000100		**0.000671**	mg/L	1	05/19/2021 6:23	177029
Benzo(a)pyrene	NELAP	0.000200		**0.00223**	mg/L	1	05/19/2021 6:23	177029
Benzo(b)fluoranthene	NELAP	0.000100		**0.00184**	mg/L	1	05/19/2021 6:23	177029
Benzo(g,h,i)perylene	NELAP	0.000200		**0.00197**	mg/L	1	05/19/2021 6:23	177029
Benzo(k)fluoranthene	NELAP	0.000100		**0.000497**	mg/L	1	05/19/2021 6:23	177029
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	05/19/2021 6:23	177029
Chrysene	NELAP	0.000100		**0.000921**	mg/L	1	05/19/2021 6:23	177029
Dibenzo(a,h)anthracene	NELAP	0.000200		**0.000294**	mg/L	1	05/19/2021 6:23	177029
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 6:23	177029
Fluoranthene	NELAP	0.000300		**0.000652**	mg/L	1	05/19/2021 6:23	177029
Fluorene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 6:23	177029
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**0.00147**	mg/L	1	05/19/2021 6:23	177029
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 6:23	177029
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	05/19/2021 6:23	177029
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 6:23	177029
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	05/19/2021 6:23	177029
Pyrene	NELAP	0.000200		**0.00151**	mg/L	1	05/19/2021 6:23	177029
Surr: 2,4,6-Tribromophenol	*	10-179		**66.8**	%REC	1	05/19/2021 6:23	177029
Surr: 2-Fluorobiphenyl	*	21.4-142		**59.7**	%REC	1	05/19/2021 6:23	177029
Surr: 2-Fluorophenol	*	10-157		**43.8**	%REC	1	05/19/2021 6:23	177029
Surr: Nitrobenzene-d5	*	15-163		**66.9**	%REC	1	05/19/2021 6:23	177029
Surr: Phenol-d5	*	10-162		**48.0**	%REC	1	05/19/2021 6:23	177029
Surr: p-Terphenyl-d14	*	10-173		**58.5**	%REC	1	05/19/2021 6:23	177029
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	05/14/2021 11:21	176968
Bromoform	NELAP	2.00		**ND**	µg/L	1	05/14/2021 11:21	176968
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 11:21	176968
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	05/14/2021 11:21	176968
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	05/14/2021 11:21	176968
Naphthalene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 11:21	176968
o-Xylene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 11:21	176968
Toluene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 11:21	176968
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 11:21	176968
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	05/14/2021 11:21	176968
Surr: 1,2-Dichloroethane-d4	*	80-120		**92.3**	%REC	1	05/14/2021 11:21	176968
Surr: 4-Bromofluorobenzene	*	80-120		**96.4**	%REC	1	05/14/2021 11:21	176968
Surr: Dibromofluoromethane	*	80-120		**98.8**	%REC	1	05/14/2021 11:21	176968
Surr: Toluene-d8	*	80-120		**98.3**	%REC	1	05/14/2021 11:21	176968

Laboratory Results

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Client: ERM
Work Order: 21050842
Client Project: Ameren Taylorville 2nd Qtr 2021
Report Date: 21-May-21
Lab ID: 21050842-032
Client Sample ID: Trip Blank 1
Matrix: TRIP BLANK
Collection Date: 05/13/2021 13:42

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	05/14/2021 11:46	176968
Bromoform	NELAP	2.00		**ND**	µg/L	1	05/14/2021 11:46	176968
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 11:46	176968
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	05/14/2021 11:46	176968
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	05/14/2021 11:46	176968
Naphthalene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 11:46	176968
o-Xylene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 11:46	176968
Toluene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 11:46	176968
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 11:46	176968
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	05/14/2021 11:46	176968
Surr: 1,2-Dichloroethane-d4	*	80-120		**92.8**	%REC	1	05/14/2021 11:46	176968
Surr: 4-Bromofluorobenzene	*	80-120		**96.1**	%REC	1	05/14/2021 11:46	176968
Surr: Dibromofluoromethane	*	80-120		**99.5**	%REC	1	05/14/2021 11:46	176968
Surr: Toluene-d8	*	80-120		**98.0**	%REC	1	05/14/2021 11:46	176968

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 21050842
Client Project: Ameren Taylorville 2nd Qtr 2021
Report Date: 21-May-21
Lab ID: 21050842-033
Client Sample ID: Trip Blank 2
Matrix: TRIP BLANK
Collection Date: 05/13/2021 13:42

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	05/14/2021 12:12	176968
Bromoform	NELAP	2.00		**ND**	µg/L	1	05/14/2021 12:12	176968
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 12:12	176968
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	05/14/2021 12:12	176968
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	05/14/2021 12:12	176968
Naphthalene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 12:12	176968
o-Xylene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 12:12	176968
Toluene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 12:12	176968
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 12:12	176968
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	05/14/2021 12:12	176968
Surr: 1,2-Dichloroethane-d4	*	80-120		**93.3**	%REC	1	05/14/2021 12:12	176968
Surr: 4-Bromofluorobenzene	*	80-120		**97.0**	%REC	1	05/14/2021 12:12	176968
Surr: Dibromofluoromethane	*	80-120		**99.9**	%REC	1	05/14/2021 12:12	176968
Surr: Toluene-d8	*	80-120		**98.2**	%REC	1	05/14/2021 12:12	176968

Laboratory Results

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Client: ERM
Work Order: 21050842
Client Project: Ameren Taylorville 2nd Qtr 2021
Report Date: 21-May-21
Lab ID: 21050842-034
Client Sample ID: GW-9D-DUP
Matrix: GROUNDWATER
Collection Date: 05/12/2021 13:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 19:58	177047
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 19:58	177047
Anthracene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 19:58	177047
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 19:58	177047
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 19:58	177047
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 19:58	177047
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 19:58	177047
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 19:58	177047
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	05/19/2021 19:58	177047
Chrysene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 19:58	177047
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 19:58	177047
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 19:58	177047
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 19:58	177047
Fluorene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 19:58	177047
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 19:58	177047
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 19:58	177047
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	05/19/2021 19:58	177047
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 19:58	177047
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	05/19/2021 19:58	177047
Pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 19:58	177047
Surr: 2,4,6-Tribromophenol	*	10-179		**101.2**	%REC	1	05/19/2021 19:58	177047
Surr: 2-Fluorobiphenyl	*	21.4-142		**74.1**	%REC	1	05/19/2021 19:58	177047
Surr: 2-Fluorophenol	*	10-157		**66.6**	%REC	1	05/19/2021 19:58	177047
Surr: Nitrobenzene-d5	*	15-163		**74.8**	%REC	1	05/19/2021 19:58	177047
Surr: Phenol-d5	*	10-162		**59.6**	%REC	1	05/19/2021 19:58	177047
Surr: p-Terphenyl-d14	*	10-173		**105.9**	%REC	1	05/19/2021 19:58	177047
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	05/14/2021 12:37	176968
Bromoform	NELAP	2.00		**ND**	µg/L	1	05/14/2021 12:37	176968
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 12:37	176968
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	05/14/2021 12:37	176968
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	05/14/2021 12:37	176968
Naphthalene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 12:37	176968
o-Xylene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 12:37	176968
Toluene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 12:37	176968
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 12:37	176968
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	05/14/2021 12:37	176968
Surr: 1,2-Dichloroethane-d4	*	80-120		**92.9**	%REC	1	05/14/2021 12:37	176968
Surr: 4-Bromofluorobenzene	*	80-120		**96.9**	%REC	1	05/14/2021 12:37	176968
Surr: Dibromofluoromethane	*	80-120		**99.0**	%REC	1	05/14/2021 12:37	176968
Surr: Toluene-d8	*	80-120		**97.9**	%REC	1	05/14/2021 12:37	176968

Laboratory Results

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Client: ERM
Work Order: 21050842
Client Project: Ameren Taylorville 2nd Qtr 2021
Report Date: 21-May-21
Lab ID: 21050842-035
Client Sample ID: GW-4R-DUP
Matrix: GROUNDWATER
Collection Date: 05/13/2021 10:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.00500		**0.0260**	mg/L	50	05/20/2021 1:50	177047
Acenaphthylene	NELAP	0.000100		**0.00303**	mg/L	1	05/20/2021 0:32	177047
Anthracene	NELAP	0.000300		**0.00109**	mg/L	1	05/20/2021 0:32	177047
Benzo(a)anthracene	NELAP	0.000100		**0.000261**	mg/L	1	05/20/2021 0:32	177047
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/20/2021 0:32	177047
Benzo(b)fluoranthene	NELAP	0.000100		**0.000376**	mg/L	1	05/20/2021 0:32	177047
Benzo(g,h,i)perylene	NELAP	0.00020	J	**0.00019**	mg/L	1	05/20/2021 0:32	177047
Benzo(k)fluoranthene	NELAP	0.000100		**0.000124**	mg/L	1	05/20/2021 0:32	177047
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	05/20/2021 0:32	177047
Chrysene	NELAP	0.000100		**0.000747**	mg/L	1	05/20/2021 0:32	177047
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	05/20/2021 0:32	177047
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	05/20/2021 0:32	177047
Fluoranthene	NELAP	0.000300		**0.00450**	mg/L	1	05/20/2021 0:32	177047
Fluorene	NELAP	0.0100		**0.0735**	mg/L	50	05/20/2021 1:50	177047
Indeno(1,2,3-cd)pyrene	NELAP	0.00020	J	**0.00018**	mg/L	1	05/20/2021 0:32	177047
m,p-Cresol	NELAP	0.0100		**0.0220**	mg/L	1	05/20/2021 0:32	177047
Naphthalene	NELAP	0.200		**1.86**	mg/L	500	05/19/2021 11:24	177047
o-Cresol	NELAP	0.0100		**0.0244**	mg/L	1	05/20/2021 0:32	177047
Phenanthrene	NELAP	0.0300		**0.0647**	mg/L	50	05/20/2021 1:50	177047
Pyrene	NELAP	0.000200		**0.00219**	mg/L	1	05/20/2021 0:32	177047
Surr: 2,4,6-Tribromophenol	*	10-179		**84.8**	%REC	1	05/20/2021 0:32	177047
Surr: 2-Fluorobiphenyl	*	21.4-142		**98.0**	%REC	1	05/20/2021 0:32	177047
Surr: 2-Fluorophenol	*	10-157		**103.3**	%REC	1	05/20/2021 0:32	177047
Surr: Nitrobenzene-d5	*	15-163		**117.2**	%REC	1	05/20/2021 0:32	177047
Surr: Phenol-d5	*	10-162		**66.0**	%REC	1	05/20/2021 0:32	177047
Surr: p-Terphenyl-d14	*	10-173		**108.5**	%REC	1	05/20/2021 0:32	177047
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	5.00		**775**	µg/L	10	05/19/2021 20:10	177139
Bromoform	NELAP	20.0		**ND**	µg/L	10	05/19/2021 20:10	177139
Ethylbenzene	NELAP	10.0		**216**	µg/L	10	05/19/2021 20:10	177139
m,p-Xylenes	NELAP	10.0		**158**	µg/L	10	05/19/2021 20:10	177139
Methylene chloride	NELAP	20.0		**ND**	µg/L	10	05/19/2021 20:10	177139
Naphthalene	NELAP	40.0		**3150**	µg/L	20	05/20/2021 11:53	177151
o-Xylene	NELAP	10.0		**137**	µg/L	10	05/19/2021 20:10	177139
Toluene	NELAP	20.0		**409**	µg/L	10	05/19/2021 20:10	177139
trans-1,2-Dichloroethene	NELAP	20.0		**ND**	µg/L	10	05/19/2021 20:10	177139
Xylenes, Total	NELAP	20.0		**295**	µg/L	10	05/19/2021 20:10	177139
Surr: 1,2-Dichloroethane-d4	*	80-120		**102.7**	%REC	10	05/19/2021 20:10	177139
Surr: 4-Bromofluorobenzene	*	80-120		**100.4**	%REC	10	05/19/2021 20:10	177139
Surr: Dibromofluoromethane	*	80-120		**99.4**	%REC	10	05/19/2021 20:10	177139
Surr: Toluene-d8	*	80-120		**102.0**	%REC	10	05/19/2021 20:10	177139

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

Laboratory Results

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Client: ERM
Work Order: 21050842
Client Project: Ameren Taylorville 2nd Qtr 2021
Report Date: 21-May-21
Lab ID: 21050842-036
Client Sample ID: GW-09S
Matrix: GROUNDWATER
Collection Date: 05/12/2021 14:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 20:37	177047
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 20:37	177047
Anthracene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 20:37	177047
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 20:37	177047
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 20:37	177047
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 20:37	177047
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 20:37	177047
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 20:37	177047
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	05/19/2021 20:37	177047
Chrysene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 20:37	177047
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 20:37	177047
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 20:37	177047
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 20:37	177047
Fluorene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 20:37	177047
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 20:37	177047
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 20:37	177047
Naphthalene	NELAP	0.000400		**0.00273**	mg/L	1	05/19/2021 20:37	177047
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 20:37	177047
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	05/19/2021 20:37	177047
Pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 20:37	177047
Surr: 2,4,6-Tribromophenol	*	10-179		**104.8**	%REC	1	05/19/2021 20:37	177047
Surr: 2-Fluorobiphenyl	*	21.4-142		**76.7**	%REC	1	05/19/2021 20:37	177047
Surr: 2-Fluorophenol	*	10-157		**70.7**	%REC	1	05/19/2021 20:37	177047
Surr: Nitrobenzene-d5	*	15-163		**83.6**	%REC	1	05/19/2021 20:37	177047
Surr: Phenol-d5	*	10-162		**65.6**	%REC	1	05/19/2021 20:37	177047
Surr: p-Terphenyl-d14	*	10-173		**103.7**	%REC	1	05/19/2021 20:37	177047
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50	J	**0.21**	µg/L	1	05/14/2021 13:29	176968
Bromoform	NELAP	2.00		**ND**	µg/L	1	05/14/2021 13:29	176968
Ethylbenzene	NELAP	1.0	J	**0.33**	µg/L	1	05/14/2021 13:29	176968
m,p-Xylenes	NELAP	1.0	J	**0.27**	µg/L	1	05/14/2021 13:29	176968
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	05/14/2021 13:29	176968
Naphthalene	NELAP	2.00		**37.8**	µg/L	1	05/14/2021 13:29	176968
o-Xylene	NELAP	1.0	J	**0.20**	µg/L	1	05/14/2021 13:29	176968
Toluene	NELAP	2.0	J	**0.32**	µg/L	1	05/14/2021 13:29	176968
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 13:29	176968
Xylenes, Total	NELAP	2.0	J	**0.47**	µg/L	1	05/14/2021 13:29	176968
Surr: 1,2-Dichloroethane-d4	*	80-120		**92.2**	%REC	1	05/14/2021 13:29	176968
Surr: 4-Bromofluorobenzene	*	80-120		**95.9**	%REC	1	05/14/2021 13:29	176968
Surr: Dibromofluoromethane	*	80-120		**98.5**	%REC	1	05/14/2021 13:29	176968
Surr: Toluene-d8	*	80-120		**98.5**	%REC	1	05/14/2021 13:29	176968

Laboratory Results

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Client: ERM
Work Order: 21050842
Client Project: Ameren Taylorville 2nd Qtr 2021
Report Date: 21-May-21
Lab ID: 21050842-037
Client Sample ID: GW-09D
Matrix: GROUNDWATER
Collection Date: 05/12/2021 13:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 21:16	177047
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 21:16	177047
Anthracene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 21:16	177047
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 21:16	177047
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 21:16	177047
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 21:16	177047
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 21:16	177047
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 21:16	177047
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	05/19/2021 21:16	177047
Chrysene	NELAP	0.000100		**ND**	mg/L	1	05/19/2021 21:16	177047
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 21:16	177047
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 21:16	177047
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	05/19/2021 21:16	177047
Fluorene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 21:16	177047
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 21:16	177047
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 21:16	177047
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	05/19/2021 21:16	177047
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	05/19/2021 21:16	177047
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	05/19/2021 21:16	177047
Pyrene	NELAP	0.000200		**ND**	mg/L	1	05/19/2021 21:16	177047
Surr: 2,4,6-Tribromophenol	*	10-179		**108.6**	%REC	1	05/19/2021 21:16	177047
Surr: 2-Fluorobiphenyl	*	21.4-142		**75.6**	%REC	1	05/19/2021 21:16	177047
Surr: 2-Fluorophenol	*	10-157		**66.9**	%REC	1	05/19/2021 21:16	177047
Surr: Nitrobenzene-d5	*	15-163		**82.2**	%REC	1	05/19/2021 21:16	177047
Surr: Phenol-d5	*	10-162		**66.7**	%REC	1	05/19/2021 21:16	177047
Surr: p-Terphenyl-d14	*	10-173		**112.7**	%REC	1	05/19/2021 21:16	177047
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	05/14/2021 13:54	176968
Bromoform	NELAP	2.00		**ND**	µg/L	1	05/14/2021 13:54	176968
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 13:54	176968
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	05/14/2021 13:54	176968
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	05/14/2021 13:54	176968
Naphthalene	NELAP	2.00		**5.20**	µg/L	1	05/14/2021 13:54	176968
o-Xylene	NELAP	1.00		**ND**	µg/L	1	05/14/2021 13:54	176968
Toluene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 13:54	176968
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	05/14/2021 13:54	176968
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	05/14/2021 13:54	176968
Surr: 1,2-Dichloroethane-d4	*	80-120		**92.4**	%REC	1	05/14/2021 13:54	176968
Surr: 4-Bromofluorobenzene	*	80-120		**96.9**	%REC	1	05/14/2021 13:54	176968
Surr: Dibromofluoromethane	*	80-120		**98.2**	%REC	1	05/14/2021 13:54	176968
Surr: Toluene-d8	*	80-120		**98.2**	%REC	1	05/14/2021 13:54	176968

Sample Summary

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Client: ERM

Client Project: Ameren Taylorville 2nd Qtr 2021

Work Order: 21050842

Report Date: 21-May-21

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
21050842-001	GW-01	Groundwater	2	05/13/2021 9:00
21050842-002	GW-02	Groundwater	2	05/13/2021 8:30
21050842-003	GW-03	Groundwater	2	05/13/2021 8:00
21050842-004	GW-04R	Groundwater	2	05/13/2021 10:50
21050842-005	GW-05	Groundwater	2	05/11/2021 14:00
21050842-006	GW-07	Groundwater	2	05/12/2021 16:30
21050842-007	GW-14	Groundwater	2	05/11/2021 12:35
21050842-008	GW-15	Groundwater	2	05/13/2021 10:20
21050842-009	GW-16S	Groundwater	2	05/10/2021 16:25
21050842-010	GW-16D	Groundwater	2	05/10/2021 15:50
21050842-011	GW-17	Groundwater	2	05/10/2021 16:45
21050842-012	GW-18S	Groundwater	2	05/11/2021 18:50
21050842-013	GW-18D	Groundwater	2	05/11/2021 18:25
21050842-014	GW-19S	Groundwater	2	05/11/2021 17:00
21050842-015	GW-19D	Groundwater	2	05/11/2021 16:45
21050842-016	GW-20	Groundwater	2	05/11/2021 14:50
21050842-017	GW-21	Groundwater	2	05/12/2021 11:05
21050842-018	GW-22S	Groundwater	2	05/12/2021 17:55
21050842-019	GW-22D	Groundwater	2	05/12/2021 17:35
21050842-020	GW-15-DUP	Groundwater	2	05/13/2021 10:20
21050842-021	GW-12	Groundwater	2	05/12/2021 10:30
21050842-022	GW-13S	Groundwater	2	05/12/2021 9:30
21050842-023	GW-13D	Groundwater	2	05/12/2021 9:00
21050842-024	GW-101S	Groundwater	2	05/11/2021 11:05
21050842-025	GW-102S	Groundwater	2	05/11/2021 10:20
21050842-026	GW-102D	Groundwater	2	05/11/2021 10:00
21050842-027	GW-103S	Groundwater	2	05/12/2021 12:30
21050842-028	GW-103D	Groundwater	2	05/12/2021 12:15
21050842-029	GW-25	Groundwater	2	05/12/2021 15:10
21050842-030	GW-26	Groundwater	2	05/11/2021 8:30
21050842-031	GW-20-DUP	Groundwater	2	05/11/2021 14:50
21050842-032	Trip Blank 1	Trip Blank	1	05/13/2021 13:42
21050842-033	Trip Blank 2	Trip Blank	1	05/13/2021 13:42
21050842-034	GW-9D-DUP	Groundwater	2	05/12/2021 13:50
21050842-035	GW-4R-DUP	Groundwater	2	05/13/2021 10:50
21050842-036	GW-09S	Groundwater	2	05/12/2021 14:15
21050842-037	GW-09D	Groundwater	2	05/12/2021 13:50

Dates Report

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 2nd Qtr 2021

Work Order: 21050842

Report Date: 21-May-21

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
21050842-001B	GW-01	05/13/2021 9:00	05/13/2021 13:42		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2021 10:28
21050842-002A	GW-02	05/13/2021 8:30	05/13/2021 13:42		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/18/2021 8:14	05/19/2021 7:01
21050842-002B	GW-02	05/13/2021 8:30	05/13/2021 13:42		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2021 10:54
21050842-003A	GW-03	05/13/2021 8:00	05/13/2021 13:42		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/18/2021 8:16	05/19/2021 8:15
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/18/2021 8:16	05/19/2021 12:08
21050842-003B	GW-03	05/13/2021 8:00	05/13/2021 13:42		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2021 11:20
21050842-004A	GW-04R	05/13/2021 10:50	05/13/2021 13:42		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/18/2021 8:14	05/19/2021 6:21
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/18/2021 8:14	05/19/2021 6:59
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/18/2021 8:14	05/19/2021 7:39
21050842-004B	GW-04R	05/13/2021 10:50	05/13/2021 13:42		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2021 12:39
21050842-005A	GW-05	05/11/2021 14:00	05/13/2021 13:42		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/17/2021 17:24	05/18/2021 16:06
21050842-005B	GW-05	05/11/2021 14:00	05/13/2021 13:42		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/19/2021 18:25
21050842-006A	GW-07	05/12/2021 16:30	05/13/2021 13:42		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/18/2021 8:14	05/19/2021 7:37
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/18/2021 8:14	05/19/2021 8:17
21050842-006B	GW-07	05/12/2021 16:30	05/13/2021 13:42		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2021 13:05
21050842-007A	GW-14	05/11/2021 12:35	05/13/2021 13:42		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/17/2021 17:24	05/18/2021 16:45
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/17/2021 17:24	05/18/2021 17:24
21050842-007B	GW-14	05/11/2021 12:35	05/13/2021 13:42		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2021 13:31
21050842-008A	GW-15	05/13/2021 10:20	05/13/2021 13:42		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/18/2021 8:14	05/19/2021 8:55
21050842-008B	GW-15	05/13/2021 10:20	05/13/2021 13:42		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2021 13:57

Dates Report

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 2nd Qtr 2021

Work Order: 21050842

Report Date: 21-May-21

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
21050842-009A	GW-16S	05/10/2021 16:25	05/13/2021 13:42		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/14/2021 14:32	05/14/2021 20:28
21050842-009B	GW-16S	05/10/2021 16:25	05/13/2021 13:42		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2021 14:23
21050842-010A	GW-16D	05/10/2021 15:50	05/13/2021 13:42		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/14/2021 14:32	05/14/2021 21:45
21050842-010B	GW-16D	05/10/2021 15:50	05/13/2021 13:42		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2021 14:50
21050842-011A	GW-17	05/10/2021 16:45	05/13/2021 13:42		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/14/2021 14:32	05/14/2021 23:03
21050842-011B	GW-17	05/10/2021 16:45	05/13/2021 13:42		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2021 15:16
21050842-012A	GW-18S	05/11/2021 18:50	05/13/2021 13:42		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/17/2021 22:16	05/19/2021 0:32
21050842-012B	GW-18S	05/11/2021 18:50	05/13/2021 13:42		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2021 15:42
21050842-013A	GW-18D	05/11/2021 18:25	05/13/2021 13:42		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/17/2021 22:16	05/19/2021 1:11
21050842-013B	GW-18D	05/11/2021 18:25	05/13/2021 13:42		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2021 16:08
21050842-014A	GW-19S	05/11/2021 17:00	05/13/2021 13:42		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/17/2021 22:16	05/19/2021 1:50
21050842-014B	GW-19S	05/11/2021 17:00	05/13/2021 13:42		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2021 16:34
21050842-015A	GW-19D	05/11/2021 16:45	05/13/2021 13:42		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/17/2021 22:16	05/19/2021 2:29
21050842-015B	GW-19D	05/11/2021 16:45	05/13/2021 13:42		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2021 17:01
21050842-016A	GW-20	05/11/2021 14:50	05/13/2021 13:42		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/17/2021 22:16	05/19/2021 3:08
21050842-016B	GW-20	05/11/2021 14:50	05/13/2021 13:42		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2021 17:27
21050842-017A	GW-21	05/12/2021 11:05	05/13/2021 13:42		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/18/2021 8:14	05/19/2021 11:29
21050842-017B	GW-21	05/12/2021 11:05	05/13/2021 13:42		

Client: ERM **Work Order:** 21050842

Client Project: Ameren Taylorville 2nd Qtr 2021 **Report Date:** 21-May-21

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				05/14/2021 17:53
21050842-018A	GW-22S	05/12/2021 17:55	05/13/2021 13:42		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/18/2021 8:16	05/19/2021 14:05
21050842-018B	GW-22S	05/12/2021 17:55	05/13/2021 13:42		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/19/2021 19:43
21050842-019A	GW-22D	05/12/2021 17:35	05/13/2021 13:42		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/18/2021 11:20	05/19/2021 14:45
21050842-019B	GW-22D	05/12/2021 17:35	05/13/2021 13:42		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2021 13:49
21050842-020A	GW-15-DUP	05/13/2021 10:20	05/13/2021 13:42		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/18/2021 11:20	05/19/2021 15:24
21050842-020B	GW-15-DUP	05/13/2021 10:20	05/13/2021 13:42		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2021 14:16
21050842-021A	GW-12	05/12/2021 10:30	05/13/2021 13:42		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/18/2021 11:20	05/19/2021 16:03
21050842-021B	GW-12	05/12/2021 10:30	05/13/2021 13:42		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2021 14:42
21050842-022A	GW-13S	05/12/2021 9:30	05/13/2021 13:42		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/18/2021 11:20	05/19/2021 16:42
21050842-022B	GW-13S	05/12/2021 9:30	05/13/2021 13:42		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2021 15:09
21050842-023A	GW-13D	05/12/2021 9:00	05/13/2021 13:42		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/18/2021 11:20	05/19/2021 17:21
21050842-023B	GW-13D	05/12/2021 9:00	05/13/2021 13:42		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2021 15:36
21050842-024A	GW-101S	05/11/2021 11:05	05/13/2021 13:42		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/17/2021 22:16	05/19/2021 3:47
21050842-024B	GW-101S	05/11/2021 11:05	05/13/2021 13:42		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2021 16:03
21050842-025A	GW-102S	05/11/2021 10:20	05/13/2021 13:42		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/17/2021 22:16	05/19/2021 4:28
21050842-025B	GW-102S	05/11/2021 10:20	05/13/2021 13:42		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2021 16:29
21050842-026A	GW-102D	05/11/2021 10:00	05/13/2021 13:42		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/17/2021 22:16	05/19/2021 5:06

Dates Report

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Client: ERM

Client Project: Ameren Taylorville 2nd Qtr 2021

Work Order: 21050842

Report Date: 21-May-21

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
21050842-026B	GW-102D	05/11/2021 10:00	05/13/2021 13:42		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2021 16:56
21050842-027A	GW-103S	05/12/2021 12:30	05/13/2021 13:42		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/18/2021 11:20	05/19/2021 18:00
21050842-027B	GW-103S	05/12/2021 12:30	05/13/2021 13:42		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2021 17:23
21050842-028A	GW-103D	05/12/2021 12:15	05/13/2021 13:42		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/18/2021 11:20	05/19/2021 18:40
21050842-028B	GW-103D	05/12/2021 12:15	05/13/2021 13:42		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2021 10:04
21050842-029A	GW-25	05/12/2021 15:10	05/13/2021 13:42		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/18/2021 11:20	05/19/2021 19:19
21050842-029B	GW-25	05/12/2021 15:10	05/13/2021 13:42		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2021 10:30
21050842-030A	GW-26	05/11/2021 8:30	05/13/2021 13:42		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/17/2021 22:16	05/19/2021 5:45
21050842-030B	GW-26	05/11/2021 8:30	05/13/2021 13:42		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2021 10:55
21050842-031A	GW-20-DUP	05/11/2021 14:50	05/13/2021 13:42		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/17/2021 22:16	05/19/2021 6:23
21050842-031B	GW-20-DUP	05/11/2021 14:50	05/13/2021 13:42		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2021 11:21
21050842-032A	Trip Blank 1	05/13/2021 13:42	05/13/2021 13:42		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2021 11:46
21050842-033A	Trip Blank 2	05/13/2021 13:42	05/13/2021 13:42		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2021 12:12
21050842-034A	GW-9D-DUP	05/12/2021 13:50	05/13/2021 13:42		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/18/2021 11:20	05/19/2021 19:58
21050842-034B	GW-9D-DUP	05/12/2021 13:50	05/13/2021 13:42		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2021 12:37
21050842-035A	GW-4R-DUP	05/13/2021 10:50	05/13/2021 13:42		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/18/2021 11:20	05/19/2021 11:24
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/18/2021 11:20	05/20/2021 0:32
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/18/2021 11:20	05/20/2021 1:50
21050842-035B	GW-4R-DUP	05/13/2021 10:50	05/13/2021 13:42		

Dates Report

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 2nd Qtr 2021

Work Order: 21050842

Report Date: 21-May-21

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				05/19/2021 20:10
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/20/2021 11:53
21050842-036A	GW-09S	05/12/2021 14:15	05/13/2021 13:42		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/18/2021 11:20	05/19/2021 20:37
21050842-036B	GW-09S	05/12/2021 14:15	05/13/2021 13:42		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2021 13:29
21050842-037A	GW-09D	05/12/2021 13:50	05/13/2021 13:42		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/18/2021 11:20	05/19/2021 21:16
21050842-037B	GW-09D	05/12/2021 13:50	05/13/2021 13:42		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2021 13:54

Client: ERM **Work Order:** 21050842

Client Project: Ameren Taylorville 2nd Qtr 2021 **Report Date:** 21-May-21

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

Batch **176972** **SampType:** **MBLK** Units **mg/L**

SampID: MBLK-176972

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**ND**						05/14/2021
Acenaphthylene		0.000100		**ND**						05/14/2021
Anthracene		0.000300		**ND**						05/14/2021
Benzo(a)anthracene		0.000100		**ND**						05/14/2021
Benzo(a)pyrene		0.000200		**ND**						05/14/2021
Benzo(b)fluoranthene		0.000100		**ND**						05/14/2021
Benzo(g,h,i)perylene		0.000200		**ND**						05/14/2021
Benzo(k)fluoranthene		0.000100		**ND**						05/14/2021
Bis(2-ethylhexyl)phthalate		0.00600		**ND**						05/14/2021
Chrysene		0.000100		**ND**						05/14/2021
Dibenzo(a,h)anthracene		0.000200		**ND**						05/14/2021
Di-n-butyl phthalate		0.0100		**ND**						05/14/2021
Fluoranthene		0.000300		**ND**						05/14/2021
Fluorene		0.000200		**ND**						05/14/2021
Indeno(1,2,3-cd)pyrene		0.000200		**ND**						05/14/2021
m,p-Cresol		0.0100		**ND**						05/14/2021
Naphthalene		0.000400		**ND**						05/14/2021
o-Cresol		0.0100		**ND**						05/14/2021
Phenanthrene		0.000600		**ND**						05/14/2021
Pyrene		0.000200		**ND**						05/14/2021
Surr: 2,4,6-Tribromophenol	*			**0.00240**	0.0020		119.8	54	126	05/14/2021
Surr: 2-Fluorobiphenyl	*		S	**0.00102**	0.0010		101.9	44.5	96.2	05/14/2021
Surr: 2-Fluorophenol	*		S	**0.00207**	0.0020		103.7	44.9	99.6	05/14/2021
Surr: Nitrobenzene-d5	*		S	**0.00111**	0.0010		110.7	55.4	102	05/14/2021
Surr: Phenol-d5	*			**0.00190**	0.0020		95.1	32.8	111	05/14/2021
Surr: p-Terphenyl-d14	*		S	**0.00131**	0.0010		130.6	68	129	05/14/2021

Client: ERM **Work Order:** 21050842

Client Project: Ameren Taylorville 2nd Qtr 2021 **Report Date:** 21-May-21

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

Batch **176972** **SampType:** **LCS** Units **mg/L**

SampID: LCS-176972

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**0.00165**	0.0020	0	82.4	54.7	110	05/14/2021
Acenaphthylene		0.000100		**0.00171**	0.0020	0	85.3	56.2	116	05/14/2021
Anthracene		0.000300		**0.00160**	0.0020	0	80.1	55.3	113	05/14/2021
Benzo(a)anthracene		0.000100		**0.00163**	0.0020	0	81.4	54.6	112	05/14/2021
Benzo(a)pyrene		0.000200		**0.00148**	0.0020	0	73.9	57.2	118	05/14/2021
Benzo(b)fluoranthene		0.000100		**0.00157**	0.0020	0	78.7	50.3	119	05/14/2021
Benzo(g,h,i)perylene		0.000200		**0.00172**	0.0020	0	85.8	59.3	122	05/14/2021
Benzo(k)fluoranthene		0.000100		**0.00152**	0.0020	0	75.9	58.8	114	05/14/2021
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0020**	0.0020	0	97.5	50	187	05/14/2021
Chrysene		0.000100		**0.00162**	0.0020	0	80.9	58.9	113	05/14/2021
Dibenzo(a,h)anthracene		0.000200		**0.00162**	0.0020	0	80.9	50	134	05/14/2021
Di-n-butyl phthalate		0.0100	J	**0.0018**	0.0020	0	91.0	62.7	144	05/14/2021
Fluoranthene		0.000300		**0.00170**	0.0020	0	84.9	61.2	114	05/14/2021
Fluorene		0.000200		**0.00166**	0.0020	0	83.0	61.6	110	05/14/2021
Indeno(1,2,3-cd)pyrene		0.000200		**0.00170**	0.0020	0	85.2	54.3	128	05/14/2021
m,p-Cresol		0.0100		**0.0153**	0.0200	0	76.7	48.1	116	05/14/2021
Naphthalene		0.000400		**0.00153**	0.0020	0	76.5	51.7	105	05/14/2021
o-Cresol		0.0100		**0.0156**	0.0200	0	78.2	50	115	05/14/2021
Phenanthrene		0.000600		**0.00167**	0.0020	0	83.6	60.9	121	05/14/2021
Pyrene		0.000200		**0.00172**	0.0020	0	86.0	59.1	114	05/14/2021
Surr: 2,4,6-Tribromophenol	*			**0.00214**	0.0020		107.2	54	126	05/14/2021
Surr: 2-Fluorobiphenyl	*			**0.000844**	0.0010		84.4	44.5	96.2	05/14/2021
Surr: 2-Fluorophenol	*			**0.00149**	0.0020		74.6	44.9	99.6	05/14/2021
Surr: Nitrobenzene-d5	*			**0.000936**	0.0010		93.6	55.4	102	05/14/2021
Surr: Phenol-d5	*			**0.00143**	0.0020		71.3	32.8	111	05/14/2021
Surr: p-Terphenyl-d14	*			**0.00107**	0.0010		106.6	68	129	05/14/2021

Client: ERM **Work Order:** 21050842

Client Project: Ameren Taylorville 2nd Qtr 2021 **Report Date:** 21-May-21

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

Batch **176972** **SampType:** **LCSD** Units **mg/L** RPD Limit **40**

SampID: LCSD-176972

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		**0.00168**	0.0020	0	84.2	0.001648	2.19	05/14/2021
Acenaphthylene		0.000100		**0.00170**	0.0020	0	84.8	0.001706	0.64	05/14/2021
Anthracene		0.000300		**0.00153**	0.0020	0	76.6	0.001601	4.38	05/14/2021
Benzo(a)anthracene		0.000100		**0.00170**	0.0020	0	84.8	0.001628	4.01	05/14/2021
Benzo(a)pyrene		0.000200		**0.00172**	0.0020	0	86.1	0.001477	15.25	05/14/2021
Benzo(b)fluoranthene		0.000100		**0.00161**	0.0020	0	80.6	0.001573	2.47	05/14/2021
Benzo(g,h,i)perylene		0.000200		**0.00185**	0.0020	0	92.7	0.001716	7.74	05/14/2021
Benzo(k)fluoranthene		0.000100		**0.00178**	0.0020	0	88.9	0.001518	15.80	05/14/2021
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0022**	0.0020	0	110.0	0.001949	0.00	05/14/2021
Chrysene		0.000100		**0.00167**	0.0020	0	83.3	0.001618	2.96	05/14/2021
Dibenzo(a,h)anthracene		0.000200		**0.00173**	0.0020	0	86.5	0.001618	6.72	05/14/2021
Di-n-butyl phthalate		0.0100	J	**0.0018**	0.0020	0	87.5	0.001819	0.00	05/14/2021
Fluoranthene		0.000300		**0.00173**	0.0020	0	86.5	0.001699	1.85	05/14/2021
Fluorene		0.000200		**0.00165**	0.0020	0	82.6	0.001659	0.43	05/14/2021
Indeno(1,2,3-cd)pyrene		0.000200		**0.00180**	0.0020	0	89.9	0.001704	5.39	05/14/2021
m,p-Cresol		0.0100		**0.0158**	0.0200	0	79.1	0.01535	3.00	05/14/2021
Naphthalene		0.000400		**0.00159**	0.0020	0	79.4	0.001530	3.68	05/14/2021
o-Cresol		0.0100		**0.0163**	0.0200	0	81.3	0.01564	3.85	05/14/2021
Phenanthrene		0.000600		**0.00166**	0.0020	0	83.0	0.001672	0.72	05/14/2021
Pyrene		0.000200		**0.00174**	0.0020	0	87.0	0.001720	1.09	05/14/2021
Surr: 2,4,6-Tribromophenol	*		S	**0.00407**	0.0020		203.3			05/14/2021
Surr: 2-Fluorobiphenyl	*		S	**0.00165**	0.0010		165.3			05/14/2021
Surr: 2-Fluorophenol	*		S	**0.00287**	0.0020		143.4			05/14/2021
Surr: Nitrobenzene-d5	*		S	**0.00167**	0.0010		167.4			05/14/2021
Surr: Phenol-d5	*		S	**0.00280**	0.0020		140.2			05/14/2021
Surr: p-Terphenyl-d14	*		S	**0.00208**	0.0010		208.4			05/14/2021

Client: ERM **Work Order:** 21050842

Client Project: Ameren Taylorville 2nd Qtr 2021 **Report Date:** 21-May-21

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

Batch **177029** **SampType:** **MBLK** Units **mg/L**

SampID: MBLK-177029

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**ND**						05/18/2021
Acenaphthylene		0.000100		**ND**						05/18/2021
Anthracene		0.000300		**ND**						05/18/2021
Benzo(a)anthracene		0.000100		**ND**						05/18/2021
Benzo(a)pyrene		0.000200		**ND**						05/18/2021
Benzo(b)fluoranthene		0.000100		**ND**						05/18/2021
Benzo(g,h,i)perylene		0.000200		**ND**						05/18/2021
Benzo(k)fluoranthene		0.000100		**ND**						05/18/2021
Bis(2-ethylhexyl)phthalate		0.00600		**ND**						05/18/2021
Chrysene		0.000100		**ND**						05/18/2021
Dibenzo(a,h)anthracene		0.000200		**ND**						05/18/2021
Di-n-butyl phthalate		0.0100		**ND**						05/18/2021
Fluoranthene		0.000300		**ND**						05/18/2021
Fluorene		0.000200		**ND**						05/18/2021
Indeno(1,2,3-cd)pyrene		0.000200		**ND**						05/18/2021
m,p-Cresol		0.0100		**ND**						05/18/2021
Naphthalene		0.000400		**ND**						05/18/2021
o-Cresol		0.0100		**ND**						05/18/2021
Phenanthrene		0.000600		**ND**						05/18/2021
Pyrene		0.000200		**ND**						05/18/2021
Surr: 2,4,6-Tribromophenol	*			**0.00195**	0.0020		97.4	54	126	05/18/2021
Surr: 2-Fluorobiphenyl	*			**0.000862**	0.0010		86.2	44.5	96.2	05/18/2021
Surr: 2-Fluorophenol	*			**0.00165**	0.0020		82.5	44.9	99.6	05/18/2021
Surr: Nitrobenzene-d5	*			**0.000947**	0.0010		94.7	55.4	102	05/18/2021
Surr: Phenol-d5	*			**0.00152**	0.0020		76.0	32.8	111	05/18/2021
Surr: p-Terphenyl-d14	*			**0.00112**	0.0010		112.3	68	129	05/18/2021

Client: ERM **Work Order:** 21050842

Client Project: Ameren Taylorville 2nd Qtr 2021 **Report Date:** 21-May-21

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

Batch **177029** **SampType:** **LCS** Units **mg/L**

SampID: LCS-177029

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**0.00174**	0.0020	0	86.9	54.7	110	05/18/2021
Acenaphthylene		0.000100		**0.00171**	0.0020	0	85.4	56.2	116	05/18/2021
Anthracene		0.000300		**0.00173**	0.0020	0	86.4	55.3	113	05/18/2021
Benzo(a)anthracene		0.000100		**0.00165**	0.0020	0	82.4	54.6	112	05/18/2021
Benzo(a)pyrene		0.000200		**0.00172**	0.0020	0	85.9	57.2	118	05/18/2021
Benzo(b)fluoranthene		0.000100		**0.00183**	0.0020	0	91.4	50.3	119	05/18/2021
Benzo(g,h,i)perylene		0.000200		**0.00187**	0.0020	0	93.6	59.3	122	05/18/2021
Benzo(k)fluoranthene		0.000100		**0.00172**	0.0020	0	85.9	58.8	114	05/18/2021
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0022**	0.0020	0	107.4	50	187	05/18/2021
Chrysene		0.000100		**0.00171**	0.0020	0	85.4	58.9	113	05/18/2021
Dibenzo(a,h)anthracene		0.000200		**0.00177**	0.0020	0	88.3	50	134	05/18/2021
Di-n-butyl phthalate		0.0100	J	**0.0019**	0.0020	0	93.2	62.7	144	05/18/2021
Fluoranthene		0.000300		**0.00177**	0.0020	0	88.5	61.2	114	05/18/2021
Fluorene		0.000200		**0.00178**	0.0020	0	88.8	61.6	110	05/18/2021
Indeno(1,2,3-cd)pyrene		0.000200		**0.00173**	0.0020	0	86.5	54.3	128	05/18/2021
m,p-Cresol		0.0100		**0.0171**	0.0200	0	85.4	48.1	116	05/18/2021
Naphthalene		0.000400		**0.00160**	0.0020	0	79.8	51.7	105	05/18/2021
o-Cresol		0.0100		**0.0175**	0.0200	0	87.6	50	115	05/18/2021
Phenanthrene		0.000600		**0.00169**	0.0020	0	84.6	60.9	121	05/18/2021
Pyrene		0.000200		**0.00173**	0.0020	0	86.6	59.1	114	05/18/2021
Surr: 2,4,6-Tribromophenol	*			**0.00186**	0.0020		92.8	54	126	05/18/2021
Surr: 2-Fluorobiphenyl	*			**0.000811**	0.0010		81.1	44.5	96.2	05/18/2021
Surr: 2-Fluorophenol	*			**0.00166**	0.0020		82.8	44.9	99.6	05/18/2021
Surr: Nitrobenzene-d5	*			**0.000910**	0.0010		91.0	55.4	102	05/18/2021
Surr: Phenol-d5	*			**0.00168**	0.0020		84.1	32.8	111	05/18/2021
Surr: p-Terphenyl-d14	*			**0.00111**	0.0010		110.6	68	129	05/18/2021

Client: ERM **Work Order:** 21050842

Client Project: Ameren Taylorville 2nd Qtr 2021 **Report Date:** 21-May-21

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

Batch **177029** **SampType:** **LCSD** Units **mg/L** RPD Limit **40**

SampID: LCSD-177029

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		**0.00160**	0.0020	0	80.2	0.001738	8.00	05/18/2021
Acenaphthylene		0.000100		**0.00147**	0.0020	0	73.7	0.001707	14.73	05/18/2021
Anthracene		0.000300		**0.00153**	0.0020	0	76.5	0.001727	12.10	05/18/2021
Benzo(a)anthracene		0.000100		**0.00148**	0.0020	0	74.0	0.001648	10.78	05/18/2021
Benzo(a)pyrene		0.000200		**0.00141**	0.0020	0	70.6	0.001718	19.61	05/18/2021
Benzo(b)fluoranthene		0.000100		**0.00145**	0.0020	0	72.7	0.001828	22.74	05/18/2021
Benzo(g,h,i)perylene		0.000200		**0.00140**	0.0020	0	70.2	0.001872	28.60	05/18/2021
Benzo(k)fluoranthene		0.000100		**0.00151**	0.0020	0	75.6	0.001719	12.87	05/18/2021
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0018**	0.0020	0	88.3	0.002148	0.00	05/18/2021
Chrysene		0.000100		**0.00149**	0.0020	0	74.4	0.001708	13.79	05/18/2021
Dibenzo(a,h)anthracene		0.000200		**0.00152**	0.0020	0	75.8	0.001766	15.22	05/18/2021
Di-n-butyl phthalate		0.0100	J	**0.0016**	0.0020	0	82.7	0.001864	0.00	05/18/2021
Fluoranthene		0.000300		**0.00155**	0.0020	0	77.4	0.001770	13.45	05/18/2021
Fluorene		0.000200		**0.00151**	0.0020	0	75.6	0.001776	16.00	05/18/2021
Indeno(1,2,3-cd)pyrene		0.000200		**0.00155**	0.0020	0	77.4	0.001731	11.15	05/18/2021
m,p-Cresol		0.0100		**0.0148**	0.0200	0	73.8	0.01709	14.56	05/18/2021
Naphthalene		0.000400		**0.00137**	0.0020	0	68.4	0.001596	15.39	05/18/2021
o-Cresol		0.0100		**0.0160**	0.0200	0	79.8	0.01753	9.39	05/18/2021
Phenanthrene		0.000600		**0.00147**	0.0020	0	73.6	0.001693	14.01	05/18/2021
Pyrene		0.000200		**0.00149**	0.0020	0	74.3	0.001731	15.21	05/18/2021
Surr: 2,4,6-Tribromophenol	*			**0.00165**	0.0020		82.7			05/18/2021
Surr: 2-Fluorobiphenyl	*			**0.000743**	0.0010		74.3			05/18/2021
Surr: 2-Fluorophenol	*			**0.00148**	0.0020		74.0			05/18/2021
Surr: Nitrobenzene-d5	*			**0.000765**	0.0010		76.5			05/18/2021
Surr: Phenol-d5	*			**0.00137**	0.0020		68.4			05/18/2021
Surr: p-Terphenyl-d14	*			**0.000948**	0.0010		94.8			05/18/2021

Client: ERM **Work Order:** 21050842

Client Project: Ameren Taylorville 2nd Qtr 2021 **Report Date:** 21-May-21

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

Batch **177029** **SampType:** **MS** Units **mg/L**

SampID: 21050842-005AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**0.00164**	0.0020	0	82.1	28.3	133	05/18/2021
Acenaphthylene		0.000100		**0.00166**	0.0020	0	82.8	5	176	05/18/2021
Anthracene		0.000300		**0.00154**	0.0020	0	77.0	34.6	131	05/18/2021
Benzo(a)anthracene		0.000100		**0.00159**	0.0020	0	79.4	40.3	132	05/18/2021
Benzo(a)pyrene		0.000200		**0.00154**	0.0020	0	77.2	40.8	132	05/18/2021
Benzo(b)fluoranthene		0.000100		**0.00153**	0.0020	0	76.6	41.9	132	05/18/2021
Benzo(g,h,i)perylene		0.000200		**0.00166**	0.0020	0	83.2	46	132	05/18/2021
Benzo(k)fluoranthene		0.000100		**0.00160**	0.0020	0	79.9	49.4	126	05/18/2021
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0045**	0.0020	0.003744	37.0	18.4	222	05/18/2021
Chrysene		0.000100		**0.00162**	0.0020	0	81.2	46.1	129	05/18/2021
Dibenzo(a,h)anthracene		0.000200		**0.00159**	0.0020	0	79.6	42.1	146	05/18/2021
Di-n-butyl phthalate		0.0100	J	**0.0017**	0.0020	0	85.7	59.6	146	05/18/2021
Fluoranthene		0.000300		**0.00161**	0.0020	0	80.6	23.9	164	05/18/2021
Fluorene		0.000200		**0.00178**	0.0020	0	89.2	24.3	148	05/18/2021
Indeno(1,2,3-cd)pyrene		0.000200		**0.00167**	0.0020	0	83.6	26.6	157	05/18/2021
m,p-Cresol		0.0100		**0.0147**	0.0200	0	73.7	5	156	05/18/2021
Naphthalene		0.000400		**0.00147**	0.0020	0	73.4	24.2	132	05/18/2021
o-Cresol		0.0100		**0.0156**	0.0200	0	78.2	38	113	05/18/2021
Phenanthrene		0.000600		**0.00166**	0.0020	0	83.2	36.6	139	05/18/2021
Pyrene		0.000200		**0.00166**	0.0020	0	83.2	14.6	169	05/18/2021
Surr: 2,4,6-Tribromophenol	*			**0.00186**	0.0020		93.0	10	179	05/18/2021
Surr: 2-Fluorobiphenyl	*			**0.000758**	0.0010		75.8	21.4	142	05/18/2021
Surr: 2-Fluorophenol	*			**0.00152**	0.0020		75.8	10	157	05/18/2021
Surr: Nitrobenzene-d5	*			**0.000788**	0.0010		78.8	15	163	05/18/2021
Surr: Phenol-d5	*			**0.00143**	0.0020		71.7	10	162	05/18/2021
Surr: p-Terphenyl-d14	*			**0.000972**	0.0010		97.2	10	173	05/18/2021

Client: ERM **Work Order:** 21050842

Client Project: Ameren Taylorville 2nd Qtr 2021 **Report Date:** 21-May-21

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

Batch **177029** **SampType:** **MSD** Units **mg/L** RPD Limit **40**

SampID: 21050842-005AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		**0.00168**	0.0020	0	84.2	0.001643	2.44	05/18/2021
Acenaphthylene		0.000100		**0.00155**	0.0020	0	77.7	0.001656	6.40	05/18/2021
Anthracene		0.000300		**0.00162**	0.0020	0	80.9	0.001539	4.94	05/18/2021
Benzo(a)anthracene		0.000100		**0.00160**	0.0020	0	80.1	0.001588	0.95	05/18/2021
Benzo(a)pyrene		0.000200		**0.00171**	0.0020	0	85.4	0.001545	10.07	05/18/2021
Benzo(b)fluoranthene		0.000100		**0.00166**	0.0020	0	82.9	0.001532	7.86	05/18/2021
Benzo(g,h,i)perylene		0.000200		**0.00171**	0.0020	0	85.7	0.001664	2.95	05/18/2021
Benzo(k)fluoranthene		0.000100		**0.00165**	0.0020	0	82.6	0.001597	3.40	05/18/2021
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0044**	0.0020	0.003744	31.3	0.004483	0.00	05/18/2021
Chrysene		0.000100		**0.00161**	0.0020	0	80.6	0.001625	0.84	05/18/2021
Dibenzo(a,h)anthracene		0.000200		**0.00169**	0.0020	0	84.6	0.001591	6.12	05/18/2021
Di-n-butyl phthalate		0.0100	J	**0.0018**	0.0020	0	91.7	0.001713	0.00	05/18/2021
Fluoranthene		0.000300		**0.00178**	0.0020	0	89.1	0.001612	10.02	05/18/2021
Fluorene		0.000200		**0.00161**	0.0020	0	80.3	0.001784	10.44	05/18/2021
Indeno(1,2,3-cd)pyrene		0.000200		**0.00173**	0.0020	0	86.5	0.001671	3.50	05/18/2021
m,p-Cresol		0.0100		**0.0152**	0.0200	0	75.8	0.01474	2.77	05/18/2021
Naphthalene		0.000400		**0.00166**	0.0020	0	83.2	0.001468	12.46	05/18/2021
o-Cresol		0.0100		**0.0158**	0.0200	0	78.8	0.01564	0.79	05/18/2021
Phenanthrene		0.000600		**0.00167**	0.0020	0	83.3	0.001664	0.12	05/18/2021
Pyrene		0.000200		**0.00175**	0.0020	0	87.4	0.001664	4.91	05/18/2021
Surr: 2,4,6-Tribromophenol	*			**0.00202**	0.0020		100.9			05/18/2021
Surr: 2-Fluorobiphenyl	*			**0.000911**	0.0010		91.1			05/18/2021
Surr: 2-Fluorophenol	*			**0.00144**	0.0020		72.2			05/18/2021
Surr: Nitrobenzene-d5	*			**0.000942**	0.0010		94.2			05/18/2021
Surr: Phenol-d5	*			**0.00132**	0.0020		65.9			05/18/2021
Surr: p-Terphenyl-d14	*			**0.00106**	0.0010		105.5			05/18/2021

Client: ERM **Work Order:** 21050842

Client Project: Ameren Taylorville 2nd Qtr 2021 **Report Date:** 21-May-21

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

Batch **177047** **SampType:** **MBLK** Units **mg/L**

SampID: MBLK-177047

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**ND**						05/18/2021
Acenaphthylene		0.000100		**ND**						05/18/2021
Anthracene		0.000300		**ND**						05/18/2021
Benzo(a)anthracene		0.000100		**ND**						05/18/2021
Benzo(a)pyrene		0.000200		**ND**						05/18/2021
Benzo(b)fluoranthene		0.000100		**ND**						05/18/2021
Benzo(g,h,i)perylene		0.000200		**ND**						05/18/2021
Benzo(k)fluoranthene		0.000100		**ND**						05/18/2021
Bis(2-ethylhexyl)phthalate		0.00600		**ND**						05/18/2021
Chrysene		0.000100		**ND**						05/18/2021
Dibenzo(a,h)anthracene		0.000200		**ND**						05/18/2021
Di-n-butyl phthalate		0.0100		**ND**						05/18/2021
Fluoranthene		0.000300		**ND**						05/18/2021
Fluorene		0.000200		**ND**						05/18/2021
Indeno(1,2,3-cd)pyrene		0.000200		**ND**						05/18/2021
m,p-Cresol		0.0100		**ND**						05/18/2021
Naphthalene		0.000400		**ND**						05/18/2021
o-Cresol		0.0100		**ND**						05/18/2021
Phenanthrene		0.000600		**ND**						05/18/2021
Pyrene		0.000200		**ND**						05/18/2021
Surr: 2,4,6-Tribromophenol	*			**0.00161**	0.0020		80.7	54	126	05/18/2021
Surr: 2-Fluorobiphenyl	*			**0.000624**	0.0010		62.4	44.5	96.2	05/18/2021
Surr: 2-Fluorophenol	*			**0.00115**	0.0020		57.6	44.9	99.6	05/18/2021
Surr: Nitrobenzene-d5	*			**0.000765**	0.0010		76.5	55.4	102	05/18/2021
Surr: Phenol-d5	*			**0.00102**	0.0020		51.2	32.8	111	05/18/2021
Surr: p-Terphenyl-d14	*			**0.000935**	0.0010		93.5	68	129	05/18/2021

Client: ERM **Work Order:** 21050842

Client Project: Ameren Taylorville 2nd Qtr 2021 **Report Date:** 21-May-21

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

Batch **177047** **SampType:** **LCS** Units **mg/L**

SampID: LCS-177047

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**0.00164**	0.0020	0	81.9	54.7	110	05/18/2021
Acenaphthylene		0.000100		**0.00166**	0.0020	0	82.9	56.2	116	05/18/2021
Anthracene		0.000300		**0.00181**	0.0020	0	90.6	55.3	113	05/18/2021
Benzo(a)anthracene		0.000100		**0.00178**	0.0020	0	88.8	54.6	112	05/18/2021
Benzo(a)pyrene		0.000200		**0.00180**	0.0020	0	89.8	57.2	118	05/18/2021
Benzo(b)fluoranthene		0.000100		**0.00190**	0.0020	0	95.2	50.3	119	05/18/2021
Benzo(g,h,i)perylene		0.000200		**0.00188**	0.0020	0	94.2	59.3	122	05/18/2021
Benzo(k)fluoranthene		0.000100		**0.00189**	0.0020	0	94.7	58.8	114	05/18/2021
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0020**	0.0020	0	99.7	50	187	05/18/2021
Chrysene		0.000100		**0.00186**	0.0020	0	92.8	58.9	113	05/18/2021
Dibenzo(a,h)anthracene		0.000200		**0.00186**	0.0020	0	93.0	50	134	05/18/2021
Di-n-butyl phthalate		0.0100	J	**0.0020**	0.0020	0	102.2	62.7	144	05/18/2021
Fluoranthene		0.000300		**0.00190**	0.0020	0	95.0	61.2	114	05/18/2021
Fluorene		0.000200		**0.00184**	0.0020	0	91.8	61.6	110	05/18/2021
Indeno(1,2,3-cd)pyrene		0.000200		**0.00186**	0.0020	0	93.0	54.3	128	05/18/2021
m,p-Cresol		0.0100		**0.0161**	0.0200	0	80.7	48.1	116	05/18/2021
Naphthalene		0.000400		**0.00156**	0.0020	0	78.2	51.7	105	05/18/2021
o-Cresol		0.0100		**0.0169**	0.0200	0	84.4	50	115	05/18/2021
Phenanthrene		0.000600		**0.00183**	0.0020	0	91.3	60.9	121	05/18/2021
Pyrene		0.000200		**0.00193**	0.0020	0	96.5	59.1	114	05/18/2021
Surr: 2,4,6-Tribromophenol	*			**0.00167**	0.0020		83.7	54	126	05/18/2021
Surr: 2-Fluorobiphenyl	*			**0.000670**	0.0010		67.0	44.5	96.2	05/18/2021
Surr: 2-Fluorophenol	*			**0.00144**	0.0020		72.1	44.9	99.6	05/18/2021
Surr: Nitrobenzene-d5	*			**0.000774**	0.0010		77.4	55.4	102	05/18/2021
Surr: Phenol-d5	*			**0.00136**	0.0020		67.9	32.8	111	05/18/2021
Surr: p-Terphenyl-d14	*			**0.000979**	0.0010		97.9	68	129	05/18/2021

Client: ERM **Work Order:** 21050842

Client Project: Ameren Taylorville 2nd Qtr 2021 **Report Date:** 21-May-21

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

Batch **177047** **SampType:** **LCSD** Units **mg/L** RPD Limit **40**

SampID: LCSD-177047

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		**0.00185**	0.0020	0	92.6	0.001637	12.32	05/18/2021
Acenaphthylene		0.000100		**0.00166**	0.0020	0	83.2	0.001657	0.37	05/18/2021
Anthracene		0.000300		**0.00180**	0.0020	0	90.1	0.001812	0.53	05/18/2021
Benzo(a)anthracene		0.000100		**0.00183**	0.0020	0	91.5	0.001776	3.00	05/18/2021
Benzo(a)pyrene		0.000200		**0.00187**	0.0020	0	93.3	0.001797	3.84	05/18/2021
Benzo(b)fluoranthene		0.000100		**0.00185**	0.0020	0	92.5	0.001904	2.87	05/18/2021
Benzo(g,h,i)perylene		0.000200		**0.00194**	0.0020	0	97.2	0.001883	3.18	05/18/2021
Benzo(k)fluoranthene		0.000100		**0.00190**	0.0020	0	95.1	0.001894	0.43	05/18/2021
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0022**	0.0020	0	108.8	0.001993	0.00	05/18/2021
Chrysene		0.000100		**0.00181**	0.0020	0	90.6	0.001856	2.38	05/18/2021
Dibenzo(a,h)anthracene		0.000200		**0.00188**	0.0020	0	93.9	0.001859	1.03	05/18/2021
Di-n-butyl phthalate		0.0100	J	**0.0020**	0.0020	0	102.2	0.002043	0.00	05/18/2021
Fluoranthene		0.000300		**0.00188**	0.0020	0	94.2	0.001901	0.86	05/18/2021
Fluorene		0.000200		**0.00182**	0.0020	0	91.0	0.001836	0.88	05/18/2021
Indeno(1,2,3-cd)pyrene		0.000200		**0.00194**	0.0020	0	96.9	0.001860	4.13	05/18/2021
m,p-Cresol		0.0100		**0.0161**	0.0200	0	80.3	0.01615	0.59	05/18/2021
Naphthalene		0.000400		**0.00167**	0.0020	0	83.5	0.001563	6.57	05/18/2021
o-Cresol		0.0100		**0.0178**	0.0200	0	89.1	0.01687	5.41	05/18/2021
Phenanthrene		0.000600		**0.00193**	0.0020	0	96.7	0.001826	5.70	05/18/2021
Pyrene		0.000200		**0.00198**	0.0020	0	99.0	0.001929	2.57	05/18/2021
Surr: 2,4,6-Tribromophenol	*			**0.00202**	0.0020		100.8			05/18/2021
Surr: 2-Fluorobiphenyl	*			**0.000800**	0.0010		80.0			05/18/2021
Surr: 2-Fluorophenol	*			**0.00146**	0.0020		73.0			05/18/2021
Surr: Nitrobenzene-d5	*			**0.000905**	0.0010		90.5			05/18/2021
Surr: Phenol-d5	*			**0.00138**	0.0020		69.0			05/18/2021
Surr: p-Terphenyl-d14	*			**0.00107**	0.0010		107.0			05/18/2021

Client: ERM **Work Order:** 21050842

Client Project: Ameren Taylorville 2nd Qtr 2021 **Report Date:** 21-May-21

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

Batch **177047** **SampType:** **MS** Units **mg/L**

SampID: 21050842-003AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**0.00259**	0.0020	0.0005970	99.6	28.3	133	05/19/2021
Acenaphthylene		0.000100		**0.00415**	0.0020	0.002445	85.1	5	176	05/19/2021
Anthracene		0.000300		**0.00190**	0.0020	0	94.9	34.6	131	05/19/2021
Benzo(a)anthracene		0.000100		**0.00180**	0.0020	0	90.1	40.3	132	05/19/2021
Benzo(a)pyrene		0.000200		**0.00177**	0.0020	0	88.5	40.8	132	05/19/2021
Benzo(b)fluoranthene		0.000100		**0.00179**	0.0020	0	89.4	41.9	132	05/19/2021
Benzo(g,h,i)perylene		0.000200		**0.00189**	0.0020	0	94.6	46	132	05/19/2021
Benzo(k)fluoranthene		0.000100		**0.00184**	0.0020	0	91.8	49.4	126	05/19/2021
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0037**	0.0020	0.001817	92.5	18.4	222	05/19/2021
Chrysene		0.000100		**0.00181**	0.0020	0	90.7	46.1	129	05/19/2021
Dibenzo(a,h)anthracene		0.000200		**0.00178**	0.0020	0	89.1	42.1	146	05/19/2021
Di-n-butyl phthalate		0.0100	J	**0.0020**	0.0020	0	101.5	59.6	146	05/19/2021
Fluoranthene		0.000300		**0.00179**	0.0020	0	89.4	23.9	164	05/19/2021
Fluorene		0.000200		**0.00368**	0.0020	0.001594	104.4	24.3	148	05/19/2021
Indeno(1,2,3-cd)pyrene		0.000200		**0.00190**	0.0020	0	94.8	26.6	157	05/19/2021
m,p-Cresol		0.0100		**0.0175**	0.0200	0	87.6	5	156	05/19/2021
Naphthalene		0.0400	S	**0.195**	0.0020	0.2015	-341.5	24.2	132	05/19/2021
o-Cresol		0.0100		**0.0180**	0.0200	0	90.0	38	113	05/19/2021
Phenanthrene		0.000600		**0.00267**	0.0020	0.0007687	95.2	36.6	139	05/19/2021
Pyrene		0.000200		**0.00198**	0.0020	0	99.2	14.6	169	05/19/2021
Surr: 2,4,6-Tribromophenol	*			**0.00181**	0.0020		90.5	10	179	05/19/2021
Surr: 2-Fluorobiphenyl	*			**0.000764**	0.0010		76.4	21.4	142	05/19/2021
Surr: 2-Fluorophenol	*			**0.00145**	0.0020		72.4	10	157	05/19/2021
Surr: Nitrobenzene-d5	*			**0.000863**	0.0010		86.3	15	163	05/19/2021
Surr: Phenol-d5	*			**0.00150**	0.0020		74.9	10	162	05/19/2021
Surr: p-Terphenyl-d14	*			**0.00106**	0.0010		106.0	10	173	05/19/2021

Client: ERM **Work Order:** 21050842

Client Project: Ameren Taylorville 2nd Qtr 2021 **Report Date:** 21-May-21

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

Batch **177047** **SampType:** **MSD** Units **mg/L** RPD Limit **40**

SampID: 21050842-003AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		**0.00246**	0.0020	0.0005970	93.3	0.002588	4.95	05/19/2021
Acenaphthylene		0.000100		**0.00448**	0.0020	0.002445	101.5	0.004146	7.63	05/19/2021
Anthracene		0.000300		**0.00207**	0.0020	0	103.4	0.001899	8.50	05/19/2021
Benzo(a)anthracene		0.000100		**0.00186**	0.0020	0	92.8	0.001801	3.03	05/19/2021
Benzo(a)pyrene		0.000200		**0.00185**	0.0020	0	92.4	0.001770	4.34	05/19/2021
Benzo(b)fluoranthene		0.000100		**0.00196**	0.0020	0	98.1	0.001788	9.30	05/19/2021
Benzo(g,h,i)perylene		0.000200		**0.00197**	0.0020	0	98.7	0.001892	4.28	05/19/2021
Benzo(k)fluoranthene		0.000100		**0.00195**	0.0020	0	97.5	0.001836	6.05	05/19/2021
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0036**	0.0020	0.001817	89.7	0.003667	0.00	05/19/2021
Chrysene		0.000100		**0.00182**	0.0020	0	91.0	0.001814	0.38	05/19/2021
Dibenzo(a,h)anthracene		0.000200		**0.00188**	0.0020	0	94.2	0.001782	5.57	05/19/2021
Di-n-butyl phthalate		0.0100	J	**0.0021**	0.0020	0	104.9	0.002029	0.00	05/19/2021
Fluoranthene		0.000300		**0.00202**	0.0020	0	101.2	0.001788	12.39	05/19/2021
Fluorene		0.000200		**0.00363**	0.0020	0.001594	102.0	0.003681	1.28	05/19/2021
Indeno(1,2,3-cd)pyrene		0.000200		**0.00199**	0.0020	0	99.3	0.001896	4.66	05/19/2021
m,p-Cresol		0.0100		**0.0146**	0.0200	0	73.0	0.01753	18.21	05/19/2021
Naphthalene		0.0400	S	**0.199**	0.0020	0.2015	-141.0	0.1947	2.04	05/19/2021
o-Cresol		0.0100		**0.0160**	0.0200	0	80.2	0.01800	11.55	05/19/2021
Phenanthrene		0.000600		**0.00276**	0.0020	0.0007687	99.5	0.002673	3.13	05/19/2021
Pyrene		0.000200		**0.00199**	0.0020	0	99.7	0.001983	0.50	05/19/2021
Surr: 2,4,6-Tribromophenol	*			**0.00196**	0.0020		97.8			05/19/2021
Surr: 2-Fluorobiphenyl	*			**0.000794**	0.0010		79.4			05/19/2021
Surr: 2-Fluorophenol	*			**0.00137**	0.0020		68.6			05/19/2021
Surr: Nitrobenzene-d5	*			**0.000887**	0.0010		88.7			05/19/2021
Surr: Phenol-d5	*			**0.00128**	0.0020		64.2			05/19/2021
Surr: p-Terphenyl-d14	*			**0.00116**	0.0010		116.3			05/19/2021

Client: ERM **Work Order:** 21050842

Client Project: Ameren Taylorville 2nd Qtr 2021 **Report Date:** 21-May-21

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

Batch 176968 **SampType:** MBLK Units µg/L

SampID: MBLK-AK210514A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**ND**						05/14/2021
Bromoform	*	2.0		**ND**						05/14/2021
Ethylbenzene	*	2.0		**ND**						05/14/2021
m,p-Xylenes	*	2.0		**ND**						05/14/2021
Methylene chloride	*	2.0		**ND**						05/14/2021
Naphthalene	*	5.0		**ND**						05/14/2021
o-Xylene	*	2.0		**ND**						05/14/2021
Toluene	*	2.0		**ND**						05/14/2021
trans-1,2-Dichloroethene	*	2.0		**ND**						05/14/2021
Xylenes, Total	*	4.0		**ND**						05/14/2021
Surr: 1,2-Dichloroethane-d4	*			**46.4**	50.00		92.9	80	120	05/14/2021
Surr: 4-Bromofluorobenzene	*			**48.1**	50.00		96.3	80	120	05/14/2021
Surr: Dibromofluoromethane	*			**49.4**	50.00		98.8	80	120	05/14/2021
Surr: Toluene-d8	*			**48.9**	50.00		97.8	80	120	05/14/2021

Batch 176968 **SampType:** LCS Units µg/L

SampID: LCS-AK210514A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**47.2**	50.00	0	94.4	78.5	119	05/14/2021
Bromoform	*	2.0		**48.9**	50.00	0	97.8	78.9	121	05/14/2021
Ethylbenzene	*	2.0		**50.7**	50.00	0	101.4	78.2	114	05/14/2021
m,p-Xylenes	*	2.0		**101**	100.0	0	101.5	77.2	116	05/14/2021
Methylene chloride	*	2.0		**41.5**	50.00	0	83.1	71.8	115	05/14/2021
Naphthalene	*	5.0		**54.9**	50.00	0	109.8	75.6	121	05/14/2021
o-Xylene	*	2.0		**50.4**	50.00	0	100.8	79.2	112	05/14/2021
Toluene	*	2.0		**49.6**	50.00	0	99.2	78.6	112	05/14/2021
trans-1,2-Dichloroethene	*	2.0		**47.2**	50.00	0	94.5	75.7	130	05/14/2021
Xylenes, Total	*	4.0		**152**	150.0	0	101.3	78.3	114	05/14/2021
Surr: 1,2-Dichloroethane-d4	*			**46.0**	50.00		91.9	80	120	05/14/2021
Surr: 4-Bromofluorobenzene	*			**47.8**	50.00		95.6	80	120	05/14/2021
Surr: Dibromofluoromethane	*			**50.3**	50.00		100.6	80	120	05/14/2021
Surr: Toluene-d8	*			**49.4**	50.00		98.8	80	120	05/14/2021

Client: ERM **Work Order:** 21050842

Client Project: Ameren Taylorville 2nd Qtr 2021 **Report Date:** 21-May-21

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

Batch 176968 **SampType:** LCSD Units µg/L RPD Limit 15.9

SampID: LCSD-AK210514A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	*	0.5		**46.6**	50.00	0	93.1	47.18	1.32	05/14/2021
Bromoform	*	2.0		**48.4**	50.00	0	96.8	48.92	1.09	05/14/2021
Ethylbenzene	*	2.0		**50.0**	50.00	0	100.0	50.69	1.35	05/14/2021
m,p-Xylenes	*	2.0		**99.7**	100.0	0	99.7	101.5	1.78	05/14/2021
Methylene chloride	*	2.0		**40.8**	50.00	0	81.6	41.53	1.72	05/14/2021
Naphthalene	*	5.0		**55.0**	50.00	0	110.1	54.92	0.22	05/14/2021
o-Xylene	*	2.0		**49.7**	50.00	0	99.4	50.41	1.38	05/14/2021
Toluene	*	2.0		**48.8**	50.00	0	97.6	49.60	1.59	05/14/2021
trans-1,2-Dichloroethene	*	2.0		**46.5**	50.00	0	93.1	47.23	1.49	05/14/2021
Xylenes, Total	*	4.0		**149**	150.0	0	99.6	151.9	1.65	05/14/2021
Surr: 1,2-Dichloroethane-d4	*			**45.4**	50.00		90.8			05/14/2021
Surr: 4-Bromofluorobenzene	*			**47.9**	50.00		95.8			05/14/2021
Surr: Dibromofluoromethane	*			**50.0**	50.00		100.1			05/14/2021
Surr: Toluene-d8	*			**49.4**	50.00		98.9			05/14/2021

Batch 176994 **SampType:** MBLK Units µg/L

SampID: MBLK-AM210514A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**ND**						05/14/2021
Bromoform	*	2.0		**ND**						05/14/2021
Ethylbenzene	*	2.0		**ND**						05/14/2021
m,p-Xylenes	*	2.0		**ND**						05/14/2021
Methylene chloride	*	2.0		**ND**						05/14/2021
Naphthalene	*	5.0		**ND**						05/14/2021
o-Xylene	*	2.0		**ND**						05/14/2021
Toluene	*	2.0		**ND**						05/14/2021
trans-1,2-Dichloroethene	*	2.0		**ND**						05/14/2021
Xylenes, Total	*	4.0		**ND**						05/14/2021
Surr: 1,2-Dichloroethane-d4	*			**50.0**	50.00		99.9	80	120	05/14/2021
Surr: 4-Bromofluorobenzene	*			**50.0**	50.00		100.1	80	120	05/14/2021
Surr: Dibromofluoromethane	*			**50.3**	50.00		100.6	80	120	05/14/2021
Surr: Toluene-d8	*			**51.4**	50.00		102.7	80	120	05/14/2021

Client: ERM **Work Order:** 21050842

Client Project: Ameren Taylorville 2nd Qtr 2021 **Report Date:** 21-May-21

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

Batch 176994 **SampType:** LCS Units **µg/L**

SampID: LCS-AM210514A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**46.4**	50.00	0	92.9	78.5	119	05/14/2021
Bromoform	*	2.0		**49.1**	50.00	0	98.2	78.9	121	05/14/2021
Ethylbenzene	*	2.0		**49.3**	50.00	0	98.6	78.2	114	05/14/2021
m,p-Xylenes	*	2.0		**101**	100.0	0	100.6	77.2	116	05/14/2021
Methylene chloride	*	2.0		**48.0**	50.00	0	96.0	71.8	115	05/14/2021
Naphthalene	*	5.0		**51.8**	50.00	0	103.6	75.6	121	05/14/2021
o-Xylene	*	2.0		**49.5**	50.00	0	99.0	79.2	112	05/14/2021
Toluene	*	2.0		**48.7**	50.00	0	97.3	78.6	112	05/14/2021
trans-1,2-Dichloroethene	*	2.0		**46.0**	50.00	0	92.0	75.7	130	05/14/2021
Xylenes, Total	*	4.0		**150**	150.0	0	100.1	78.3	114	05/14/2021
Surr: 1,2-Dichloroethane-d4	*			**48.8**	50.00		97.5	80	120	05/14/2021
Surr: 4-Bromofluorobenzene	*			**49.4**	50.00		98.9	80	120	05/14/2021
Surr: Dibromofluoromethane	*			**49.2**	50.00		98.4	80	120	05/14/2021
Surr: Toluene-d8	*			**51.0**	50.00		101.9	80	120	05/14/2021

Batch 176994 **SampType:** LCSD Units **µg/L** RPD Limit **15.9**

SampID: LCSD-AM210514A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	*	0.5		**44.4**	50.00	0	88.7	46.43	4.58	05/14/2021
Bromoform	*	2.0		**48.4**	50.00	0	96.7	49.12	1.58	05/14/2021
Ethylbenzene	*	2.0		**46.9**	50.00	0	93.8	49.31	5.01	05/14/2021
m,p-Xylenes	*	2.0		**96.0**	100.0	0	96.0	100.6	4.62	05/14/2021
Methylene chloride	*	2.0		**46.5**	50.00	0	93.0	48.00	3.13	05/14/2021
Naphthalene	*	5.0		**50.7**	50.00	0	101.4	51.79	2.13	05/14/2021
o-Xylene	*	2.0		**47.6**	50.00	0	95.2	49.50	3.96	05/14/2021
Toluene	*	2.0		**46.3**	50.00	0	92.6	48.67	4.97	05/14/2021
trans-1,2-Dichloroethene	*	2.0		**43.6**	50.00	0	87.2	45.98	5.27	05/14/2021
Xylenes, Total	*	4.0		**144**	150.0	0	95.7	150.1	4.40	05/14/2021
Surr: 1,2-Dichloroethane-d4	*			**48.9**	50.00		97.8			05/14/2021
Surr: 4-Bromofluorobenzene	*			**49.1**	50.00		98.3			05/14/2021
Surr: Dibromofluoromethane	*			**49.5**	50.00		99.0			05/14/2021
Surr: Toluene-d8	*			**51.2**	50.00		102.4			05/14/2021

Client: ERM **Work Order:** 21050842

Client Project: Ameren Taylorville 2nd Qtr 2021 **Report Date:** 21-May-21

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

Batch 176994 **SampType:** MS Units **µg/L**

SampID: 21050842-003BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene		0.50		**50.5**	50.00	10.37	80.2	72	120	05/14/2021
Ethylbenzene		1.00		**56.0**	50.00	12.46	87.2	74.8	115	05/14/2021
m,p-Xylenes		1.00		**49.3**	50.00	6.190	86.2	69.7	115	05/14/2021
o-Xylene		1.00		**58.8**	50.00	15.70	86.3	72.9	111	05/14/2021
Toluene		2.00		**41.8**	50.00	1.260	81.0	70.6	109	05/14/2021
Xylenes, Total		2.00		**108**	100.0	21.89	86.2	72.1	113	05/14/2021
Surr: 1,2-Dichloroethane-d4	*			**50.6**	50.00		101.2	80	120	05/14/2021
Surr: 4-Bromofluorobenzene	*			**50.4**	50.00		100.7	80	120	05/14/2021
Surr: Dibromofluoromethane	*			**50.3**	50.00		100.6	80	120	05/14/2021
Surr: Toluene-d8	*			**51.0**	50.00		102.1	80	120	05/14/2021

Batch 176994 **SampType:** MSD Units **µg/L** RPD Limit **20**

SampID: 21050842-003BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene		0.50		**53.0**	50.00	10.37	85.3	50.48	4.91	05/14/2021
Ethylbenzene		1.00		**58.8**	50.00	12.46	92.6	56.04	4.72	05/14/2021
m,p-Xylenes		1.00		**52.2**	50.00	6.190	92.0	49.28	5.74	05/14/2021
o-Xylene		1.00		**61.7**	50.00	15.70	92.0	58.83	4.73	05/14/2021
Toluene		2.00		**44.7**	50.00	1.260	86.8	41.77	6.69	05/14/2021
Xylenes, Total		2.00		**114**	100.0	21.89	92.0	108.1	5.19	05/14/2021
Surr: 1,2-Dichloroethane-d4	*			**50.7**	50.00		101.3			05/14/2021
Surr: 4-Bromofluorobenzene	*			**50.3**	50.00		100.6			05/14/2021
Surr: Dibromofluoromethane	*			**50.3**	50.00		100.5			05/14/2021
Surr: Toluene-d8	*			**51.0**	50.00		102.1			05/14/2021

Client: ERM **Work Order:** 21050842

Client Project: Ameren Taylorville 2nd Qtr 2021 **Report Date:** 21-May-21

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

Batch 177008 **SampType:** MBLK Units µg/L

SampID: MBLK-AE210514A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**ND**						05/14/2021
Bromoform	*	2.0		**ND**						05/14/2021
Ethylbenzene	*	2.0		**ND**						05/14/2021
m,p-Xylenes	*	2.0		**ND**						05/14/2021
Methylene chloride	*	2.0		**ND**						05/14/2021
Naphthalene	*	5.0		**ND**						05/14/2021
o-Xylene	*	2.0		**ND**						05/14/2021
Toluene	*	2.0		**ND**						05/14/2021
trans-1,2-Dichloroethene	*	2.0		**ND**						05/14/2021
Xylenes, Total	*	4.0		**ND**						05/14/2021
Surr: 1,2-Dichloroethane-d4	*			**44.8**	50.00		89.6	80	120	05/14/2021
Surr: 4-Bromofluorobenzene	*			**47.9**	50.00		95.7	80	120	05/14/2021
Surr: Dibromofluoromethane	*			**49.7**	50.00		99.3	80	120	05/14/2021
Surr: Toluene-d8	*			**46.9**	50.00		93.7	80	120	05/14/2021

Batch 177008 **SampType:** LCS Units µg/L

SampID: LCS-AE210514A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**51.4**	50.00	0	102.9	78.5	119	05/14/2021
Bromoform	*	2.0		**44.1**	50.00	0	88.3	78.9	121	05/14/2021
Ethylbenzene	*	2.0		**44.7**	50.00	0	89.5	78.2	114	05/14/2021
m,p-Xylenes	*	2.0		**88.7**	100.0	0	88.7	77.2	116	05/14/2021
Methylene chloride	*	2.0		**48.0**	50.00	0	96.0	71.8	115	05/14/2021
Naphthalene	*	5.0		**42.4**	50.00	0	84.7	75.6	121	05/14/2021
o-Xylene	*	2.0		**44.3**	50.00	0	88.7	79.2	112	05/14/2021
Toluene	*	2.0		**44.8**	50.00	0	89.6	78.6	112	05/14/2021
trans-1,2-Dichloroethene	*	2.0		**52.0**	50.00	0	104.0	75.7	130	05/14/2021
Xylenes, Total	*	4.0		**133**	150.0	0	88.7	78.3	114	05/14/2021
Surr: 1,2-Dichloroethane-d4	*			**44.6**	50.00		89.1	80	120	05/14/2021
Surr: 4-Bromofluorobenzene	*			**47.1**	50.00		94.3	80	120	05/14/2021
Surr: Dibromofluoromethane	*			**49.9**	50.00		99.7	80	120	05/14/2021
Surr: Toluene-d8	*			**46.5**	50.00		92.9	80	120	05/14/2021

Client: ERM **Work Order:** 21050842

Client Project: Ameren Taylorville 2nd Qtr 2021 **Report Date:** 21-May-21

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

Batch 177008 **SampType:** LCSD Units µg/L RPD Limit 15.9

SampID: LCSD-AE210514A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	*	0.5		**49.9**	50.00	0	99.8	51.45	3.06	05/14/2021
Bromoform	*	2.0		**44.8**	50.00	0	89.6	44.14	1.48	05/14/2021
Ethylbenzene	*	2.0		**43.9**	50.00	0	87.7	44.73	1.96	05/14/2021
m,p-Xylenes	*	2.0		**87.8**	100.0	0	87.8	88.74	1.09	05/14/2021
Methylene chloride	*	2.0		**47.6**	50.00	0	95.2	47.98	0.80	05/14/2021
Naphthalene	*	5.0		**41.8**	50.00	0	83.5	42.36	1.40	05/14/2021
o-Xylene	*	2.0		**42.9**	50.00	0	85.8	44.33	3.30	05/14/2021
Toluene	*	2.0		**44.2**	50.00	0	88.4	44.80	1.33	05/14/2021
trans-1,2-Dichloroethene	*	2.0		**50.8**	50.00	0	101.7	52.01	2.29	05/14/2021
Xylenes, Total	*	4.0		**131**	150.0	0	87.1	133.1	1.82	05/14/2021
Surr: 1,2-Dichloroethane-d4	*			**43.4**	50.00		86.8			05/14/2021
Surr: 4-Bromofluorobenzene	*			**47.9**	50.00		95.8			05/14/2021
Surr: Dibromofluoromethane	*			**49.6**	50.00		99.2			05/14/2021
Surr: Toluene-d8	*			**46.8**	50.00		93.6			05/14/2021

Batch 177139 **SampType:** MBLK Units µg/L

SampID: MBLK-AM210519A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**ND**						05/19/2021
Bromoform	*	2.0		**ND**						05/19/2021
Ethylbenzene	*	2.0		**ND**						05/19/2021
m,p-Xylenes	*	2.0		**ND**						05/19/2021
Methylene chloride	*	2.0		**ND**						05/19/2021
Naphthalene	*	5.0		**ND**						05/19/2021
o-Xylene	*	2.0		**ND**						05/19/2021
Toluene	*	2.0		**ND**						05/19/2021
trans-1,2-Dichloroethene	*	2.0		**ND**						05/19/2021
Xylenes, Total	*	4.0		**ND**						05/19/2021
Surr: 1,2-Dichloroethane-d4	*			**48.5**	50.00		96.9	80	120	05/19/2021
Surr: 4-Bromofluorobenzene	*			**50.4**	50.00		100.8	80	120	05/19/2021
Surr: Dibromofluoromethane	*			**49.3**	50.00		98.7	80	120	05/19/2021
Surr: Toluene-d8	*			**51.3**	50.00		102.6	80	120	05/19/2021

Client: ERM **Work Order:** 21050842

Client Project: Ameren Taylorville 2nd Qtr 2021 **Report Date:** 21-May-21

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

Batch 177139 **SampType:** LCS Units **µg/L**

SampID: LCS-AM210519A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**48.7**	50.00	0	97.3	78.5	119	05/19/2021
Bromoform	*	2.0		**48.2**	50.00	0	96.5	78.9	121	05/19/2021
Ethylbenzene	*	2.0		**51.2**	50.00	0	102.4	78.2	114	05/19/2021
m,p-Xylenes	*	2.0		**104**	100.0	0	104.1	77.2	116	05/19/2021
Methylene chloride	*	2.0		**49.4**	50.00	0	98.8	71.8	115	05/19/2021
Naphthalene	*	5.0		**48.5**	50.00	0	97.0	75.6	121	05/19/2021
o-Xylene	*	2.0		**51.1**	50.00	0	102.2	79.2	112	05/19/2021
Toluene	*	2.0		**50.6**	50.00	0	101.3	78.6	112	05/19/2021
trans-1,2-Dichloroethene	*	2.0		**48.2**	50.00	0	96.3	75.7	130	05/19/2021
Xylenes, Total	*	4.0		**155**	150.0	0	103.5	78.3	114	05/19/2021
Surr: 1,2-Dichloroethane-d4	*			**48.0**	50.00		95.9	80	120	05/19/2021
Surr: 4-Bromofluorobenzene	*			**49.8**	50.00		99.5	80	120	05/19/2021
Surr: Dibromofluoromethane	*			**48.6**	50.00		97.3	80	120	05/19/2021
Surr: Toluene-d8	*			**51.3**	50.00		102.7	80	120	05/19/2021

Batch 177139 **SampType:** LCSD Units **µg/L** RPD Limit **15.9**

SampID: LCSD-AM210519A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	*	0.5		**48.0**	50.00	0	96.0	48.67	1.34	05/19/2021
Bromoform	*	2.0		**48.7**	50.00	0	97.4	48.24	0.91	05/19/2021
Ethylbenzene	*	2.0		**50.8**	50.00	0	101.7	51.21	0.73	05/19/2021
m,p-Xylenes	*	2.0		**104**	100.0	0	103.6	104.1	0.46	05/19/2021
Methylene chloride	*	2.0		**48.9**	50.00	0	97.9	49.42	1.00	05/19/2021
Naphthalene	*	5.0		**48.5**	50.00	0	97.0	48.50	0.04	05/19/2021
o-Xylene	*	2.0		**50.6**	50.00	0	101.3	51.12	0.96	05/19/2021
Toluene	*	2.0		**50.0**	50.00	0	100.1	50.64	1.19	05/19/2021
trans-1,2-Dichloroethene	*	2.0		**47.9**	50.00	0	95.8	48.17	0.56	05/19/2021
Xylenes, Total	*	4.0		**154**	150.0	0	102.8	155.2	0.63	05/19/2021
Surr: 1,2-Dichloroethane-d4	*			**47.8**	50.00		95.6			05/19/2021
Surr: 4-Bromofluorobenzene	*			**49.6**	50.00		99.3			05/19/2021
Surr: Dibromofluoromethane	*			**48.7**	50.00		97.4			05/19/2021
Surr: Toluene-d8	*			**51.4**	50.00		102.7			05/19/2021

Client: ERM **Work Order:** 21050842

Client Project: Ameren Taylorville 2nd Qtr 2021 **Report Date:** 21-May-21

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

Batch 177139 **SampType:** MS Units **µg/L**

SampID: 21050842-005BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene		0.50		**48.9**	50.00	0	97.9	72	120	05/19/2021
Ethylbenzene		1.00		**52.4**	50.00	0	104.9	74.8	115	05/19/2021
m,p-Xylenes		1.00		**51.9**	50.00	0	103.7	69.7	115	05/19/2021
o-Xylene		1.00		**51.8**	50.00	0	103.5	72.9	111	05/19/2021
Toluene		2.00		**49.0**	50.00	0	97.9	70.6	109	05/19/2021
Xylenes, Total		2.00		**104**	100.0	0	103.6	72.1	113	05/19/2021
Surr: 1,2-Dichloroethane-d4	*			**50.1**	50.00		100.3	80	120	05/19/2021
Surr: 4-Bromofluorobenzene	*			**51.3**	50.00		102.6	80	120	05/19/2021
Surr: Dibromofluoromethane	*			**49.2**	50.00		98.4	80	120	05/19/2021
Surr: Toluene-d8	*			**50.5**	50.00		101.0	80	120	05/19/2021

Batch 177139 **SampType:** MSD Units **µg/L** RPD Limit **20**

SampID: 21050842-005BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene		0.50		**44.9**	50.00	0	89.8	48.93	8.59	05/19/2021
Ethylbenzene		1.00		**50.0**	50.00	0	100.0	52.45	4.76	05/19/2021
m,p-Xylenes		1.00		**49.8**	50.00	0	99.6	51.87	4.03	05/19/2021
o-Xylene		1.00		**49.7**	50.00	0	99.3	51.76	4.12	05/19/2021
Toluene		2.00		**46.0**	50.00	0	92.1	48.97	6.17	05/19/2021
Xylenes, Total		2.00		**99.5**	100.0	0	99.5	103.6	4.08	05/19/2021
Surr: 1,2-Dichloroethane-d4	*			**50.2**	50.00		100.4			05/19/2021
Surr: 4-Bromofluorobenzene	*			**52.1**	50.00		104.2			05/19/2021
Surr: Dibromofluoromethane	*			**49.3**	50.00		98.6			05/19/2021
Surr: Toluene-d8	*			**50.8**	50.00		101.5			05/19/2021

Client: ERM **Work Order:** 21050842

Client Project: Ameren Taylorville 2nd Qtr 2021 **Report Date:** 21-May-21

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

Batch 177151 **SampType:** MBLK Units µg/L

SampID: MBLK-Am210520A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**ND**						05/20/2021
Bromoform	*	2.0		**ND**						05/20/2021
Ethylbenzene	*	2.0		**ND**						05/20/2021
m,p-Xylenes	*	2.0		**ND**						05/20/2021
Methylene chloride	*	2.0		**ND**						05/20/2021
Naphthalene	*	5.0		**ND**						05/20/2021
o-Xylene	*	2.0		**ND**						05/20/2021
Toluene	*	2.0		**ND**						05/20/2021
trans-1,2-Dichloroethene	*	2.0		**ND**						05/20/2021
Xylenes, Total	*	4.0		**ND**						05/20/2021
Surr: 1,2-Dichloroethane-d4	*			**47.8**	50.00		95.7	80	120	05/20/2021
Surr: 4-Bromofluorobenzene	*			**50.3**	50.00		100.6	80	120	05/20/2021
Surr: Dibromofluoromethane	*			**49.0**	50.00		98.1	80	120	05/20/2021
Surr: Toluene-d8	*			**51.7**	50.00		103.5	80	120	05/20/2021

Batch 177151 **SampType:** LCS Units µg/L

SampID: LCS-AM210520A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**49.9**	50.00	0	99.8	78.5	119	05/20/2021
Bromoform	*	2.0		**49.8**	50.00	0	99.7	78.9	121	05/20/2021
Ethylbenzene	*	2.0		**52.8**	50.00	0	105.6	78.2	114	05/20/2021
m,p-Xylenes	*	2.0		**108**	100.0	0	108.0	77.2	116	05/20/2021
Methylene chloride	*	2.0		**50.9**	50.00	0	101.8	71.8	115	05/20/2021
Naphthalene	*	5.0		**50.1**	50.00	0	100.2	75.6	121	05/20/2021
o-Xylene	*	2.0		**52.6**	50.00	0	105.1	79.2	112	05/20/2021
Toluene	*	2.0		**52.0**	50.00	0	104.0	78.6	112	05/20/2021
trans-1,2-Dichloroethene	*	2.0		**49.4**	50.00	0	98.8	75.7	130	05/20/2021
Xylenes, Total	*	4.0		**161**	150.0	0	107.0	78.3	114	05/20/2021
Surr: 1,2-Dichloroethane-d4	*			**48.3**	50.00		96.6	80	120	05/20/2021
Surr: 4-Bromofluorobenzene	*			**49.6**	50.00		99.3	80	120	05/20/2021
Surr: Dibromofluoromethane	*			**48.7**	50.00		97.4	80	120	05/20/2021
Surr: Toluene-d8	*			**51.5**	50.00		103.0	80	120	05/20/2021

Receiving Check List

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 2nd Qtr 2021

Work Order: 21050842

Report Date: 21-May-21

Carrier: Casey Burnstein

Received By: EEP

Completed by: Emily Pohlman
On: 13-May-21

Reviewed by: Elizabeth A. Hurley
On: 13-May-21

Pages to follow: Chain of custody 4 Extra pages included 0

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C **2.4**
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). - epohlman - 5/13/2021 3:28:59 PM

GW-01 for PNAs was damaged in the laboratory; no sample volume is remaining for analysis. - ehurley - 5/13/2021 5:28:37 PM

CHAIN OF CUSTODY

pg. 1 of 4 Work order #2105D842

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: ~~Brett Carney~~ Matt Halley **Phone:** (217) 529-0914
E-Mail: ~~brett.carney@erm.com~~ matt.halley@erm.com **Fax:**

Samples on: ☑ ICE ☐ BLUE ICE ☐ NO ICE 2.4 °C LTG# 3
Preserved in: ☐ LAB ☐ FIELD **FOR LAB USE ONLY**
Lab Notes:
ZERO HS JHR 5/13/21

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

Client Comments
MS/MSD 1: GW-05
MS/MSD 2: GW-03

Project Name/Number	Sample Collector's Name
Ameren Taylorville [#] Qtr [YEAR] 2ND QTR 2021	Abess / Bernstein

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													
2105D842-001	GW-01	5/13/21; 0900	1	2								X					X	X													
002	GW-02	5/13/21; 0830	1	2								X					X	X													
003	GW-03 MS/MSD	5/13/21; 0800	1	2								X					X	X													
004	GW-04R	5/13/21; 1050	1	2								X					X	X													
005	GW-05 MS/MSD	5/11/21; 1400	1	2								X					X	X													
006	GW-07	5/12/21; 1630	1	2								X					X	X													
007	GW-14	5/11/21; 1235	1	2								X					X	X													
008	GW-15	5/13/21; 1020	1	2								X					X	X													
009	GW-16S	5/10/21; 1625	1	2								X					X	X													
010	GW-16D	5/10/21; 1550	1	2								X					X	X													

Relinquished By	Date/Time	Received By	Date/Time
Casey Bernstein - ERM	5/13/21; 1342	[signature]	5/13/21 1342

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: 65216

JHR/SAH 5/13/21

CHAIN OF CUSTODY

pg. 2 of 4 Work order #21050842

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: ~~Brett Carney~~ Matt Hulley **Phone:** (217) 529-0914
E-Mail: ~~brett.carney@erm.com~~ matt.hulley@erm.com **Fax:**

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

Client Comments

Are these samples known to be involved in litigation? If yes, a surcharge will apply ☐ Yes ☒ No
Are these samples known to be hazardous? ☐ 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 [#] Qtr [YEAR] 2nd QTR 2021	Abegg / Bernstein

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
21050842-011	GW-17	5/10/21; 1645	1	2	X		X	X
-012	GW-18S	5/11/21; 1850	1	2	X		X	X
-013	GW-18D	5/11/21; 1825	1	2	X		X	X
-014	GW-19S	5/11/21; 1700	1	2	X		X	X
-015	GW-19D	5/11/21; 1615	1	2	X		X	X
-016	GW-20	5/11/21; 1450	1	2	X		X	X
-017	GW-21	5/12/21; 1105	1	2	X		X	X
-018	GW-22S	5/12/21; 1755	1	2	X		X	X
-019	GW-22D	5/12/21; 1735	1	2	X		X	X
-020	~~GW-24~~ MW GW-15-Dup	5/13/21; 1020	1	2	X		X	X

Relinquished By	Date/Time	Received By	Date/Time
Casey Bernstein - ERM	5/13/21; 1342	[signature]	5/13/21 1342

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: 65216

CHAIN OF CUSTODY

pg. 3 of 4 Work order # 21050842

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: ~~Brett Carney~~ Matt Hailey **Phone:** (217) 529-0914
E-Mail: ~~brett.carney@erm.com~~ matt.hailey@erm.com **Fax:**

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

Client Comments

Are these samples known to be involved in litigation? If yes, a surcharge will apply ☐ Yes ☑ No
Are these samples known to be hazardous? ☐ 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 [#] Qtr [YEAR] 2nd QTR 2021	Abeys / Burnstein

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
21050842-021	GW-12	5/12/21; 1030	1	2		X		X	X
-022	GW-13S	5/12/21; 0930	1	2		X		X	X
-023	GW-13D	5/12/21; 0900	1	2		X		X	X
-024	GW-101S	5/11/21; 1105	1	2		X		X	X
-025	GW-102S	5/11/21; 1020	1	2		X		X	X
-026	GW-102D	5/11/21; 1000	1	2		X		X	X
-027	GW-103S	5/12/21; 1230	1	2		X		X	X
-028	GW-103D	5/12/21; 1215	1	2		X		X	X
-029	GW-25	5/12/21; 1510	1	2		X		X	X
-030	GW-26	5/11/21; 0830	1	2		X		X	X

Relinquished By	Date/Time	Received By	Date/Time
Casey Burnstein - ERM	5/13/21; 1342	[signature]	5/13/21 1342

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BottleOrder: 65216

CHAIN OF CUSTODY

pg. 4 of 4 Work order #21050842

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: ~~Brett Carney~~ MATT HALLEY **Phone:** (217) 529-0914
E-Mail: ~~brett.carney@erm.com~~ matt.halley@erm.com **Fax:**

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

Client Comments

Are these samples known to be involved in litigation? If yes, a surcharge will apply ☐ Yes ☑ No
Are these samples known to be hazardous? ☐ 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 [#] Qtr [YEAR] 2nd QTR 2021	Adams / Burnstein

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	PAHs	VOCs
21050842-031	~~Dup 1~~ GW-20-DUP	5/11/21; 1450	1	2		X		X	X
	~~Field Blank 1~~ NA		1	2	X			X	X
-032	Trip Blank 1	— —		2			X		X
-033	Trip Blank 2	— —		2			X		X
	~~Trip Blank 3~~ MS/MSD 1	5/11/21; 1400	2	~~2~~ 4		X	~~X~~	X	X
	~~Trip Blank 4~~ MS/MSD 2	5/13/21; 0800	2	~~2~~ 4		X	~~X~~	X	X
-034	~~Dup 2~~ GW-9D-Dup	5/12/21; 1350	1	2		X		X	X
-036	GW-09S	5/12/21; 1415	1	2		X		X	X
-037	GW-09D	5/12/21; 1350	1	2		X		X	X
-035	~~GW-11~~ GW-4R-Dup	5/13/21; 1050	1	2		X		X	X

Relinquished By	Date/Time	Received By	Date/Time
Cassy Burnstein - ERM	5/13/21; 1342	[signature]	5/13/21 1342

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: 65216

ATTACHMENT B

SUMMARY OF ANALYTICAL RESULTS
2015 – MAY 2021

Attachment 2
Summary of Analytical Results 2015 - February 2021
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 2
Summary of Analytical Results 2015 - February 2021
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 2
Summary of Analytical Results 2015 - February 2021
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	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	---	---	---	< 0.0002	**0.000891**	< 0.0002	< 0.0002	< 0.000296	< 0.0004	< 0.01	< 0.01
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 2
Summary of Analytical Results 2015 - February 2021
Ameren Taylorville, IL MGP Site

GW-01 Analyte	Unit	Remediation Objective (RO)	Result 5/13/2021	
Acenaphthene	mg/L	0.42		NA
Acenaphthylene	mg/L	-		NA
Anthracene	mg/L	2.1		NA
Benzo(a)anthracene	mg/L	0.00013		NA
Benzo(a)pyrene	mg/L	0.0002		NA
Benzo(b)fluoranthene	mg/L	0.00018		NA
Benzo(g,h,i)perylene	mg/L	-		NA
Benzo(k)fluoranthene	mg/L	0.00017		NA
Bis(2-ethylhexyl)phthalate	mg/L	0.006		NA
Chrysene	mg/L	0.0015		NA
Dibenzo(a,h)anthracene	mg/L	0.0003		NA
Di-n-butyl phthalate	mg/L	0.7		NA
Fluoranthene	mg/L	0.28		NA
Fluorene	mg/L	0.28		NA
Indeno(1,2,3-cd)pyrene	mg/L	0.00043		NA
m,p-Cresol	mg/L	-		NA
o-Cresol	mg/L	0.35		NA
Naphthalene	mg/L	0.14		NA
Phenanthrene	mg/L	-		NA
Pyrene	mg/L	0.21		NA
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
NA = Not analyzed due to laboratory error.

Attachment 2
Summary of Analytical Results 2015 - February 2021
Ameren Taylorville, IL MGP Site

GW-02 Analyte	Unit	Remediation Objective (RO)	Result 3/4/2015	Result 5/12/2015	Result 8/18/2015	Result 11/3/2015	Result 2/17/2016	Result 5/25/2016	Result 8/17/2016	Result 11/15/2016	Result 2/16/2017
Acenaphthene	mg/L	0.42	**0.0081 J**	**0.00053 J**	< 0.01	**0.0213**	**0.004 J**	< 0.01	< 0.01	**0.00019 J**	**0.0053 J**
Acenaphthylene	mg/L	-	**0.004 J**	**0.00065 J**	**0.0001 J**	**0.0163**	**0.0056 J**	**0.0004 J**	**0.00011 J**	**0.0019 J**	**0.0087 J**
Anthracene	mg/L	2.1	**0.00035 J**	**0.00019 J**	**0.00018 J**	**0.00036 J**	**0.00026 J**	**0.00029 J**	**0.00026 J**	**0.00025 J**	**0.00036 J**
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**
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	**0.00401**	**0.0472**	**0.00442**	**0.0021**	**0.0017 J**	---	---	---	---
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	**0.00013 J**	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	**0.00039 J**	< 0.0021	< 0.0021	**0.0001 J**	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	**0.00015 B**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	**0.00012 J**	< 0.0064	**0.00023 J**	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	**0.00013 J**	**0.00011 J**	< 0.0027	< 0.0027	**0.00009 J**	**0.00009 J**
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	**5.44**	< 0.6	**1.53**	**1.53**	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

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

Attachment 2
Summary of Analytical Results 2015 - February 2021
Ameren Taylorville, IL MGP Site

GW-02 Analyte	Unit	Remediation Objective (RO)	Result 5/16/2017	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	**0.0089 J**	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	**0.0103**	**0.00048 J**	**0.000323**	**0.000062 J**	**0.000791**	**0.000065 J**	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	**0.0012 J**	**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	< 0.0001	**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	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 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	< 0.00076	< 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	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00229**	**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	< 0.0001	**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	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	---	---	---	---	---	---	---
Fluoranthene	mg/L	0.28	**0.00022 J**	**0.00019 J**	**0.000118**	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	**0.00099 J**	**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	< 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	-	**0.0018 J**	< 0.0064	< 0.0001	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	**0.00029 J**	**0.00022 J**	**0.000151**	**0.000155**	**0.000159**	**0.00012**	**0.00013 BJ**	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 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
Ethylbenzene	µg/L	700	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 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
Naphthalene	µg/L	140	**1.21**	< 0.6	< 0.1	< 2	< 2	< 2	< 2	**1.5 J**	< 2
o-Xylene	µg/L	-	< 2	< 2	< 1	< 1	< 1	< 1	< 1	**0.11 J**	< 1
Toluene	µg/L	1000	< 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
Xylenes, Total	µg/L	10000	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 2	< 2

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

Attachment 2
Summary of Analytical Results 2015 - February 2021
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	Result (DUP) 11/11/2020	Result 2/24/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 0.0001	< 0.0001	< 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	< 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	< 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	< 0.0001	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 0.0001	< 0.0001	< 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	< 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	< 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	< 0.002 C	**0.00364 C**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 0.0001	< 0.0001	< 0.0001	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.00847	< 0.00847	< 0.01	< 0.01	< 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	< 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	< 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	< 0.0001	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.00847	< 0.00847	< 0.01	< 0.01	< 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	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	0.000268	< 0.0002	< 0.000339	< 0.000339	< 0.0004	< 0.01	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000508	< 0.000508	< 0.0006	< 0.0006	< 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	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 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	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	**1.6 J**	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2 B	< 2 B
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	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2

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

Attachment 2
Summary of Analytical Results 2015 - February 2021
Ameren Taylorville, IL MGP Site

GW-02 Analyte	Unit	Remediation Objective (RO)	Result 5/13/2021
Acenaphthene	mg/L	0.42	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001
Anthracene	mg/L	2.1	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00206**
Chrysene	mg/L	0.0015	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003
Fluorene	mg/L	0.28	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002
m,p-Cresol	mg/L	-	< 0.01
o-Cresol	mg/L	0.35	< 0.0004
Naphthalene	mg/L	0.14	< 0.01
Phenanthrene	mg/L	-	< 0.0006
Pyrene	mg/L	0.21	< 0.0002
Benzene	µg/L	5.0	< 0.5
Bromoform	µg/L	1.0	< 2
Ethylbenzene	µg/L	700	< 1
m,p-Xylenes	µg/L	-	< 1
Methylene chloride	µg/L	5.0	< 2
Naphthalene	µg/L	140	< 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
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µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - February 2021
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
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 2
Summary of Analytical Results 2015 - February 2021
Ameren Taylorville, IL MGP Site

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

Notes:
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Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = 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 2
Summary of Analytical Results 2015 - February 2021
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:
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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 2
Summary of Analytical Results 2015 - February 2021
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	
Acenaphthene	mg/L	0.42	**0.00078**	**0.000795**	**0.000597**	
Acenaphthylene	mg/L	-	**0.00346**	**0.00309**	**0.00245**	
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	**0.00316**	< 0.002	**0.0018**	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	**0.00228**	**0.00235**	**0.00159**	
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	**0.239**	**0.181**	**0.202**	S
Phenanthrene	mg/L	-	**0.001080**	**0.000925**	**0.000769**	
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	
Benzene	µg/L	5.0	**23.6**	**22.8**	**10.4**	
Bromoform	µg/L	1.0	< 2	< 2	< 2	
Ethylbenzene	µg/L	700	**32.4**	**31.6**	**12.5**	
m,p-Xylenes	µg/L	-	**25.8**	**25.5**	**6.19**	
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	
Naphthalene	µg/L	140	**421**	**425**	**285**	E
o-Xylene	µg/L	-	**41.7**	**40.7**	**15.7**	
Toluene	µg/L	1000	**5.63**	**5.52**	**1.3**	J
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	
Xylenes, Total	µg/L	10000	**67.5**	**66.2**	**21.9**	

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 2
Summary of Analytical Results 2015 - February 2021
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:
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 2
Summary of Analytical Results 2015 - February 2021
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
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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 2
Summary of Analytical Results 2015 - February 2021
Ameren Taylorville, IL MGP Site

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

Notes:
B = Analyte detected in associated method blank
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< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = 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 2
Summary of Analytical Results 2015 - February 2021
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
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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 2
Summary of Analytical Results 2015 - February 2021
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
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 2
Summary of Analytical Results 2015 - February 2021
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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The laboratory reporting detection limit is shown.
Remediation Objective (RO) = 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 2
Summary of Analytical Results 2015 - February 2021
Ameren Taylorville, IL MGP Site

GW-05 Analyte	Unit	Remediation Objective (RO)	Result 11/11/2020			Result 2/24/2021			Result 5/11/2021	
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	<	0.0001		<	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		**0.00845**	**S**		**0.0087**			**0.00374**
Chrysene	mg/L	0.0015	<	0.0001		<	0.0001		<	0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	<	0.0001		<	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	<	0.0001		<	0.0002		<	0.0002
m,p-Cresol	mg/L	-	<	0.01	R	<	0.01		<	0.01
o-Cresol	mg/L	0.35	<	0.0100	SR	<	0.01		<	0.0004
Naphthalene	mg/L	0.14		**0.00159**	**S**		**0.00111**		<	0.01
Phenanthrene	mg/L	-	<	0.0006			**0.000838**		<	0.0006
Pyrene	mg/L	0.21	<	0.0002			**0.000221**		<	0.0002
Benzene	µg/L	5.0	<	0.5			**0.18**	**J**	<	0.5
Bromoform	µg/L	1.0	<	2		<	2		<	2
Ethylbenzene	µg/L	700		**0.25**	**J**		**0.22**	**J**	<	1
m,p-Xylenes	µg/L	-		**0.29**	**J**		**0.2**	**J**	<	1
Methylene chloride	µg/L	5.0	<	2		<	2		<	2
Naphthalene	µg/L	140	<	2		<	2		<	2
o-Xylene	µg/L	-		**0.17**	**JS**		**0.14**	**J**	<	1
Toluene	µg/L	1000	<	2			**0.12**	**J**	<	2
trans-1,2-Dichloroethene	µg/L	100	<	2		<	2		<	2
Xylenes, Total	µg/L	10000		**0.46**	**J**		**0.34**	**J**	<	2

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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 2
Summary of Analytical Results 2015 - February 2021
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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< = Compound not detected at concentrations above the laboratory reporting detection limit.
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All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - February 2021
Ameren Taylorville, IL MGP Site

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

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
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 2
Summary of Analytical Results 2015 - February 2021
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	Result 5/12/2021
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**	**0.000118**
Acenaphthylene	mg/L	-	**0.000253**	**0.000142**	**0.000135**	**0.000186**	**0.000116**	**0.000098**	**0.000105**	**0.000142**	**0.000168**	**0.000117**
Anthracene	mg/L	2.1	**0.00186**	**0.00106**	**0.00101**	**0.000964 R**	**0.000877**	**0.00069**	**0.000772**	**0.0012**	**0.00144**	**0.00119**
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**	**0.000161**
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	< 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	< 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	< 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	< 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**	**0.00732**
Chrysene	mg/L	0.0015	**0.000145**	**0.000121**	**0.000145**	**0.000184**	**0.000116**	**0.000101**	**0.00014**	**0.000112**	**0.000082** J	**0.000102**
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	< 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	< 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**	**0.00136**
Fluorene	mg/L	0.28	**0.000457**	**0.000249**	**0.000255**	**0.000284**	**0.000235**	**0.000165**	**0.000205**	**0.000278**	**0.000295**	**0.000343**
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	< 0.0002
m,p-Cresol	mg/L	-	---	< 0.01	< 0.01	< 0.01	< 0.01	< 0.00719	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	< 0.01	< 0.01	< 0.01	< 0.01	< 0.00719	< 0.01	< 0.0004	< 0.0004	**0.00329**
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.0002	< 0.0002	**0.00019 J**	< 0.000288	< 0.0004	< 0.01	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000432	< 0.0006	< 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**	**0.00227**
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.51**	< 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	**0.12 J**	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2 B	< 2	< 2	< 2	**6.07**	< 2	**0.64 J**	**1.4 J**	< 2	**1.4 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	**0.1 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	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2

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

Attachment 2
Summary of Analytical Results 2015 - February 2021
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
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000078	< 0.0001
Acenaphthylene	mg/L	-	< 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	< 0.0001	< 0.0001	< 0.000233	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 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	< 0.000078	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 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	< 0.00076	< 0.0001	< 0.0002	< 0.000155	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 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	< 0.00155 C	< 0.002
Chrysene	mg/L	0.0015	< 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	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	< 0.00775	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000233	< 0.0003
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000155	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0002
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	< 0.00775	< 0.01
o-Cresol	mg/L	0.35	< 0.0001	---	---	---	---	< 0.00775	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	< 0.0002	< 0.00031	**0.00273**
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 2	< 0.0004	< 0.0004	< 0.000465	< 0.0006
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 2	< 0.0001	< 0.0002	< 0.000155	< 0.0002
Benzene	µg/L	5.0	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	**0.21** J
Bromoform	µg/L	1.0	< 2	< 2	< 4	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 0.2	< 1	< 1	< 1	**0.33** J
m,p-Xylenes	µg/L	-	< 4	< 4	< 0.6	< 1	< 1	< 1	**0.27** J
Methylene chloride	µg/L	5.0	< 0.2	**0.85** B	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 2	< 2 B	< 2	< 2	**37.8**
o-Xylene	µg/L	-	< 2	< 2	< 5	< 1	< 1	< 1	**0.2** J
Toluene	µg/L	1000	< 2	< 2	< 4	< 2	< 2	< 2	**0.32** J
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 1 B	< 2	< 2	**0.47** 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 2
Summary of Analytical Results 2015 - February 2021
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
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000072	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000072	< 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
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072	< 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
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0002	< 0.000144	< 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
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	---	**0.00291**	< 0.002	< 0.002	< 0.00144 C	< 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
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000072	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	< 0.00719	< 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
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000144	< 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
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	< 0.00719	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.0001	---	---	---	---	< 0.00719	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	---	---	---	---	< 0.0002	< 0.000288	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.000432	< 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
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	**0.21 B**	< 0.2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 2 B	< 2	< 2	**5.2**	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 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 2
Summary of Analytical Results 2015 - February 2021
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 2
Summary of Analytical Results 2015 - February 2021
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
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000078	< 0.0001
Acenaphthylene	mg/L	-	< 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	< 0.0001	< 0.0001	< 0.000233	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000055 J**	< 0.000078	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 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	**0.000056 J**	< 0.000078	**0.000106**
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	**0.000043 J**	< 0.0002	< 0.000155	**0.000203**
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	**0.000056 J**
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	---	< 0.002	< 0.002	< 0.002	< 0.00155 C	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000044 J**	< 0.000078	**0.000056 J**
Dibenzo(a,h)anthracene	mg/L	0.0003	< 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	---	---	< 0.00775	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000233	< 0.0003
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000155	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0002
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	< 0.00775	< 0.01
o-Cresol	mg/L	0.35	< 0.0001	---	---	---	---	< 0.00775	< 0.0004
Naphthalene	mg/L	0.14	---	---	---	---	< 0.0002	< 0.00031	< 0.01
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.000465	< 0.0006
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002	< 0.000155	< 0.0002
Benzene	µg/L	5.0	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2 B	< 0.2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 2 B	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	**0.25 J**	< 2	**0.18 J**	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 1 B	< 2	< 2	< 2

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

Attachment 2
Summary of Analytical Results 2015 - February 2021
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
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000076	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000076	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000229	< 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
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	**0.00024**	< 0.0001	< 0.0001	< 0.0001	< 0.000076	< 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**
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	**0.00061** J	< 0.00076	< 0.0001	< 0.0002	< 0.000153	**0.00024**
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	**0.00029**	< 0.0001	< 0.0001	< 0.0001	< 0.000076	**0.000167**
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	---	< 0.002	< 0.002	< 0.002	< 0.00153 C	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000076	**0.000104**
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	**0.0006**	< 0.0001	< 0.0001	< 0.0001	< 0.000076	**0.000244**
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	**0.0033**	---	---	< 0.00763	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000229	< 0.0003
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000153	< 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**
m,p-Cresol	mg/L	-	< 0.0001	< 0.0001	---	---	---	---	< 0.00763	< 0.01
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	---	---	---	---	< 0.00763	< 0.0004
Naphthalene	mg/L	0.14	---	---	---	---	---	< 0.0002	< 0.000305	< 0.01
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.000458	< 0.0006
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002	< 0.000153	< 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	**0.25**	**0.22**	< 0.2 B	< 0.2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 2 B	< 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 B	< 2	< 2	< 2

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

Attachment 2
Summary of Analytical Results 2015 - February 2021
Ameren Taylorville, IL MGP Site

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

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

Attachment 2
Summary of Analytical Results 2015 - February 2021
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 2
Summary of Analytical Results 2015 - February 2021
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 2
Summary of Analytical Results 2015 - February 2021
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
Acenaphthene	mg/L	0.42	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.000072	< 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
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.000072	< 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
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.000072	< 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
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.000072	< 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**
Chrysene	mg/L	0.0015	< 0.0001	< 0.000072	< 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
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.00725	< 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
Fluorene	mg/L	0.28	< 0.0001	< 0.000145	< 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
m,p-Cresol	mg/L	-	< 0.01	< 0.00725	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.00725	< 0.01	< 0.0004	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.0002	< 0.00029	< 0.0004	< 0.01	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0004	< 0.000435	< 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
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	**2.88**	< 2	**0.38 J**	< 2 B	**1.6 J**	**0.49 J**
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2

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

Attachment 2
Summary of Analytical Results 2015 - February 2021
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	Result 8/17/2016	Result 11/15/2016
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01 S	< 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 S	< 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 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.00006 J**	**0.00006 J**
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001 S	< 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 S	< 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 S	< 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 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0012 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	< 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	< 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	< 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	< 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 S	< 0.0001	< 0.0001	< 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	< 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	< 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	**0.38 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	**0.22 B**	< 0.2 B	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	**2.6**	< 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	**0.38 J**	< 4	< 4	< 4	< 4	< 4	< 4	< 4

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

Attachment 2
Summary of Analytical Results 2015 - February 2021
Ameren Taylorville, IL MGP Site

GW-15 Analyte	Unit	Remediation Objective (RO)	Result 2/15/2017	Result 5/16/2017	Result 8/17/2017	Result 11/22/2017	Result 2/15/2018	Result 5/8/2018	Result (DUP) 5/8/2018	Result 8/14/2018	Result 11/7/2018	Result 2/20/2019
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	**0.000064 J**	**0.000053 J**	< 0.0001	< 0.0001 S	**0.000055 J**
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001	**0.000053 J**	**0.000076 J**	**0.000063 J**	< 0.0001	**0.000063 JS**	**0.000069 J**
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	**0.00006 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< **0.0001 S**	**0.000052 J**
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001 S	< 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 S	< 0.0001 S	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 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 S	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	**0.00335**	**0.00567**	< 0.006	**0.0111**	**0.00563**	**0.0109**	**0.00274 SR**	**0.0039**	**0.00327**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 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 S	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	---	---	---	---	---
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	**0.00012 J**	< 0.0001	< 0.0002	< 0.0002	< 0.0002	**0.00015 J**	< 0.0002 S	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	**0.000095 J**	**0.0001**	**0.000072 J**	**0.00011**	**0.000101**	< 0.0001	< 0.0001 S	**0.0001 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 R	< 0.0001 S	< 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	**0.000119**	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004 S	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	**0.0001 J**	< 0.0001	**0.000066 J**	< 0.0001	< 0.0001	**0.000143**	< 0.0002 S	**0.00011 BJ**
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	**0.9**	< 2	< 2	**0.8 J**	< 2 B	< 2	< 2	**1.7 J**
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 B	< 1	< 1	< 1

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
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Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = 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 2
Summary of Analytical Results 2015 - February 2021
Ameren Taylorville, IL MGP Site

GW-15 Analyte	Unit	Remediation Objective (RO)	Result 5/8/2019	Result 8/14/2019	Result 11/14/2019	Result 2/20/2020	Result 5/13/2020	Result 8/13/2020	Result 11/10/2020	Result 2/23/2021	Result 5/13/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	**0.000058 J**	< 0.000074	< 0.0001	**0.000081 J**	< 0.0001	0.000063 J
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000222	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	**0.000061 J**	< 0.000074	< 0.0001	**0.000084 J**	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	**0.000078 J**	< 0.000074	< 0.0001	**0.000069 J**	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	**0.000082 J**	< 0.000074	< 0.0001	< 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	< 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	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.014**	**0.00331**	**0.00802**	< 0.002	< 0.00148 C	< 0.002 C	< 0.002 C	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000222	< 0.0003	< 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	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	**0.000085 J**	< 0.000074	**0.000074 J**	< 0.0001	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.0004	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000296	< 0.0004	< 0.01	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000444	< 0.0006	< 0.0006	< 0.0006 R	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000148	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	**1.6 J**	**1.7 J**	< 2	< 2	< 2 B	**1.1 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	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2

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

Attachment 2
Summary of Analytical Results 2015 - February 2021
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
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< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - February 2021
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 2
Summary of Analytical Results 2015 - February 2021
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
Acenaphthene	mg/L	0.42	< 0.000076	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.000076	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.000227	< 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
Benzo(a)pyrene	mg/L	0.0002	< 0.000076	< 0.0001	< 0.0001	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000076	< 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
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000076	< 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**
Chrysene	mg/L	0.0015	< 0.000076	< 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
Di-n-butyl phthalate	mg/L	0.7	< 0.00758	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.000227	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.000152	< 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
m,p-Cresol	mg/L	-	< 0.00758	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.00758	< 0.01	< 0.0004	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.000303	**0.00164**	< 0.01	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.000455	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.000152	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2 B	**0.43 J**	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 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 2
Summary of Analytical Results 2015 - February 2021
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 2
Summary of Analytical Results 2015 - February 2021
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	< 0.0001	< 0.0002	< 0.0002 B	< 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 2
Summary of Analytical Results 2015 - February 2021
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	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000296	< 0.0004	< 0.01	< 0.01
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
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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 2
Summary of Analytical Results 2015 - February 2021
Ameren Taylorville, IL MGP Site

GW-16D Analyte	Unit	Remediation Objective (RO)	Result 5/10/2021		
Acenaphthene	mg/L	0.42	<	0.0001	
Acenaphthylene	mg/L	-	<	0.0001	
Anthracene	mg/L	2.1	<	0.0003	
Benzo(a)anthracene	mg/L	0.00013	<	0.0001	
Benzo(a)pyrene	mg/L	0.0002	<	0.0002	
Benzo(b)fluoranthene	mg/L	0.00018	<	0.0001	
Benzo(g,h,i)perylene	mg/L	-	<	0.0002	
Benzo(k)fluoranthene	mg/L	0.00017	<	0.0001	
Bis(2-ethylhexyl)phthalate	mg/L	0.006		**0.002**	**J**
Chrysene	mg/L	0.0015	<	0.0001	
Dibenzo(a,h)anthracene	mg/L	0.0003	<	0.0002	
Di-n-butyl phthalate	mg/L	0.7	<	0.01	
Fluoranthene	mg/L	0.28	<	0.0003	
Fluorene	mg/L	0.28	<	0.0002	
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	<	0.0002	
m,p-Cresol	mg/L	-	<	0.01	
o-Cresol	mg/L	0.35	<	0.0004	
Naphthalene	mg/L	0.14	<	0.01	
Phenanthrene	mg/L	-	<	0.0006	
Pyrene	mg/L	0.21	<	0.0002	
Benzene	µg/L	5.0	<	0.5	
Bromoform	µg/L	1.0	<	2	
Ethylbenzene	µg/L	700	<	1	
m,p-Xylenes	µg/L	-	<	1	
Methylene chloride	µg/L	5.0	<	2	
Naphthalene	µg/L	140	<	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 2
Summary of Analytical Results 2015 - February 2021
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
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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 2
Summary of Analytical Results 2015 - February 2021
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
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 2
Summary of Analytical Results 2015 - February 2021
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
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	< 0.0001	< 0.0001	< 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	**0.00467 C**	< 0.002 C	**0.0029**	< 0.002
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	< 0.0002	< 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	**0.000078 J**	< 0.0001	< 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	< 0.0004	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.0004	< 0.01	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 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 B	**0.38 J**	< 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 2
Summary of Analytical Results 2015 - February 2021
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
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Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
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Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - February 2021
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
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< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
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All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - February 2021
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	
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	< 0.0001		< 0.0001		< 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	**0.00244**	**C**	**0.00299**		**0.00249**		**0.00329**	
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		< 0.0002		< 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	**0.00007**	**J**	< 0.0001		< 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		< 0.0004		< 0.0004		< 0.0004	
Naphthalene	mg/L	0.14	< 0.0004		< 0.01		< 0.01		< 0.01	
Phenanthrene	mg/L	-	< 0.0006		< 0.0006		< 0.0006		< 0.0006	
Pyrene	mg/L	0.21	< 0.0002		< 0.0002		< 0.0002		< 0.0002	
Benzene	µg/L	5.0	< 0.5		< 0.5		< 0.5		< 0.5	
Bromoform	µg/L	1.0	< 2		< 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	B	< 2		< 2	
o-Xylene	µg/L	-	< 1		< 1		< 1		< 1	
Toluene	µg/L	1000	< 2		< 2		< 2		< 2	
trans-1,2-Dichloroethene	µg/L	100	< 2		< 2		< 2		< 2	
Xylenes, Total	µg/L	10000	< 2		< 2		< 2		< 2	

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

Attachment 2
Summary of Analytical Results 2015 - February 2021
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 2
Summary of Analytical Results 2015 - February 2021
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 2
Summary of Analytical Results 2015 - February 2021
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
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.000078	< 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
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.000233	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 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
Benzo(a)pyrene	mg/L	0.0002	< 0.005	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 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
Benzo(g,h,i)perylene	mg/L	-	< 0.01	< 0.0002	< 0.000155	< 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
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**
Chrysene	mg/L	0.0015	< 0.005	< 0.0001	< 0.000078	< 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
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.00775	< 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
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.000155	< 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
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.00775	< 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	< 0.0004	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.00031	< 0.0004	< 0.01	< 0.01	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.000465	< 0.0006	< 0.0006	< 0.0006	**0.00185**	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.000155	< 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	< 2	**0.45** J	< 2	< 2	< 2 B	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	**0.32** J	**0.21** J	< 2	**0.13** J	< 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
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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 2
Summary of Analytical Results 2015 - February 2021
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	Result 2/16/2017	Result 5/17/2017
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
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	**0.00207**	**0.00262**	**0.0023**	**0.0019** J	< 0.002	---	---	---	---	**0.00452**
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	-	**0.00051** 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	< 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	**0.27** J	< 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

Attachment 2
Summary of Analytical Results 2015 - February 2021
Ameren Taylorville, IL MGP Site

GW-19D Analyte	Unit	Remediation Objective (RO)	Result 8/18/2017	Result 11/21/2017	Result 2/15/2018	Result 5/8/2018	Result 8/14/2018	Result 11/8/2018	Result 2/19/2019	Result 5/7/2019	Result 8/13/2019	Result 11/12/2019
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	< 0.0066	< 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	< 0.0002	< 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	**0.00917**	**0.00917**	**0.00664**	**0.00352**	**0.00794**	< 0.002	**0.0019 J**	**0.00434**	**0.0232**	**0.00425**
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	---	---	---	---	---	---	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0001	< 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	< 0.0064	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
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	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 2	< 2	< 2	< 2	< 2	**0.37 J**	< 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	< 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 2
Summary of Analytical Results 2015 - February 2021
Ameren Taylorville, IL MGP Site

GW-19D Analyte	Unit	Remediation Objective (RO)	Result 2/19/2020	Result 5/13/2020	Result - DUP 5/13/2020	Result 8/13/2020	Result 11/10/2020	Result - DUP 11/10/2020	Result 2/23/2021	Result 5/11/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.000071	< 0.000073	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.000071	< 0.000073	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.000213	< 0.000219	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.000071	< 0.000073	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.000071	< 0.000073	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.000071	< 0.000073	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.000142	< 0.000146	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.000071	< 0.000073	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.00142 C	< 0.00146 C	< 0.002 C	< 0.002 C	< 0.002 C	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.000071	< 0.000073	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.000071	< 0.000073	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.00709	< 0.0073	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.000213	< 0.000219	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.000142	< 0.000146	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.000071	< 0.000073	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.00709	< 0.0073	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.00709	< 0.0073	< 0.01	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.0002	< 0.000284	< 0.000292	< 0.0004	< 0.01	< 0.01	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0004	< 0.000426	< 0.000438	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.000142	< 0.000146	< 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	< 2	< 2	< 2	**0.32 J**	< 2 B	< 2 B	< 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 2
Summary of Analytical Results 2015 - February 2021
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
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 2
Summary of Analytical Results 2015 - February 2021
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
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 2
Summary of Analytical Results 2015 - February 2021
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
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.000078	< 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
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.000234	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	**0.000054 J**	< 0.0001	< 0.000078	< 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
Benzo(b)fluoranthene	mg/L	0.00018	**0.000071 J**	< 0.0001	< 0.000078	< 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
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.000078	< 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
Chrysene	mg/L	0.0015	**0.000058 J**	< 0.0001	< 0.000078	< 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
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.00781	< 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
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.000156	< 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
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.00781	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.00781	< 0.01	< 0.0004	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.000312	< 0.0004	< 0.01	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.000469	< 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
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	**0.39 J**	< 2	< 2	< 2 B	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2

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

Attachment 2
Summary of Analytical Results 2015 - February 2021
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
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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 2
Summary of Analytical Results 2015 - February 2021
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 2
Summary of Analytical Results 2015 - February 2021
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
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.000077	< 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**
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.000231	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 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**
Benzo(a)pyrene	mg/L	0.0002	**0.000249**	**0.000107**	**0.000337**	**0.000648**	**0.000505**	**0.000238**	**0.001350**	**0.002230**
Benzo(b)fluoranthene	mg/L	0.00018	**0.000214**	**0.000138**	**0.000283**	**0.000586**	**0.000342**	**0.000174**	**0.001070**	**0.001840**
Benzo(g,h,i)perylene	mg/L	-	**0.000279**	**0.00017 J**	**0.000366**	**0.000805**	**0.000547**	**0.000243**	**0.001290**	**0.001970**
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**
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
Chrysene	mg/L	0.0015	**0.000109**	< 0.0001	**0.00013**	**0.000245**	**0.000183**	**0.000073** J	**0.000548**	**0.000921**
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**
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.00769	< 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**
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.000154	< 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**
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.00769	< 0.01	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.000308	< 0.0004	< 0.01	< 0.01	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.000462	< 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**
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 B	< 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 2
Summary of Analytical Results 2015 - February 2021
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 2
Summary of Analytical Results 2015 - February 2021
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 2
Summary of Analytical Results 2015 - February 2021
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
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 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
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.000214	< 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
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.000071	**0.00007 J**	< 0.0001	< 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
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
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001
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
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.000071	**0.000071 J**	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 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
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.000214	< 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
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
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.00714	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.00714	< 0.01	< 0.0004	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.0002	< 0.000286	< 0.0004	< 0.01	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.000429	< 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
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 B	< 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 2
Summary of Analytical Results 2015 - February 2021
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	Result 8/17/2016	Result 11/15/2016	Result 2/15/2017	Result 5/16/2017
Acenaphthene	mg/L	0.42	< 0.0208	< 0.01	< 0.01	< 0.01	< 0.01	< 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	< 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	< 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	< 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	< 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	< 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	< 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	< 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	---	---	---	---	**0.0015** J
Chrysene	mg/L	0.0015	< 0.00021	< 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	< 0.00021	< 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	< 0.00688	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 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	< 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	< 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	< 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	< 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	< 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	**0.29**	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	**0.52** J	< 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	**0.27** J	< 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

Attachment 2
Summary of Analytical Results 2015 - February 2021
Ameren Taylorville, IL MGP Site

GW-22S Analyte	Unit	Remediation Objective (RO)	Result 8/17/2017	Result 11/22/2017	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	Result 8/14/2019
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	< 0.0001	< 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	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00399**	< 0.006	**0.0017** J	**0.00445**	**0.00264**	**0.00477**	< 0.002	< 0.002	**0.00455**	< 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	---	---	---	---	---	---	---	---	< 0.01
Fluoranthene	mg/L	0.28	**0.0001**	< 0.0001	< 0.0002	< 0.0002	**0.00015** J	< 0.0002	**0.00015** J	< 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	---	---	---	---	---	---	---	---	**0.000203**	< 0.0002
Phenanthrene	mg/L	-	< 0.0064	**0.000134**	< 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	**0.000035**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 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	< 2	< 2	**0.5** J	< 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	< 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 2
Summary of Analytical Results 2015 - February 2021
Ameren Taylorville, IL MGP Site

GW-22S Analyte	Unit	Remediation Objective (RO)	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	Result 5/12/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.000077	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.000077	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	**0.000637**	< 0.000231	< 0.000231	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	**0.000088 J**	< 0.000077	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.000077	< 0.000077	< 0.0001	< 0.0001	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	**0.000061 J**	< 0.000077	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.000154	< 0.000154	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.000077	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	**0.00191 C**	< 0.00154 C	**0.00279 C**	**0.00517**	**0.0017** J	**0.00472**
Chrysene	mg/L	0.0015	< 0.0001	**0.000084 J**	< 0.000077	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.000077	< 0.000077	< 0.0001	< 0.0001	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.00769	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	**0.000524**	< 0.000231	< 0.000231	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.000154	< 0.000154	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	**0.000093 J**	< 0.000077	< 0.000077	< 0.0001	< 0.0001	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.00769	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.00769	< 0.00769	< 0.01	< 0.0004	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.000308	< 0.000308	< 0.0004	< 0.01	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0004	**0.000695**	< 0.000462	< 0.000462	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	**0.000449**	< 0.000154	< 0.000154	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.14 J**
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.2 J**
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	< 2 B	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.13 J**
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**0.33 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 2
Summary of Analytical Results 2015 - February 2021
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
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< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

Attachment 2
Summary of Analytical Results 2015 - February 2021
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	Result 2/20/2020
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	< 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	< 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	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.0001	< 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	< 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**	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	---	---	---	---	---	---	---	---	< 0.01	< 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	< 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	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	**0.00126**	< 0.0002	< 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	< 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	< 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	< 0.5
Bromoform	µg/L	1.0	< 2	< 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	< 1
m,p-Xylenes	µg/L	-	< 4	< 1	< 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	< 2
Naphthalene	µg/L	140	< 0.6	< 0.1	< 2	< 2	< 2	< 2	< 2	< 2	**2.86**	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 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	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 2	< 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	< 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 2
Summary of Analytical Results 2015 - February 2021
Ameren Taylorville, IL MGP Site

GW-22D Analyte	Unit	Remediation Objective (RO)	Result 5/11/2020		Result 8/12/2020		Result 11/9/2020		Result 2/23/2021		Result 5/12/2021	
Acenaphthene	mg/L	0.42	< 0.000081		< 0.0001		< 0.0001		< 0.0001		< 0.0001	
Acenaphthylene	mg/L	-	< 0.000081		< 0.0001		< 0.0001		< 0.0001		< 0.0001	
Anthracene	mg/L	2.1	< 0.000242		< 0.0003		< 0.0003		< 0.0003		< 0.0003	
Benzo(a)anthracene	mg/L	0.00013	< 0.000081		< 0.0001		< 0.0001		< 0.0001		< 0.0001	
Benzo(a)pyrene	mg/L	0.0002	< 0.000081		< 0.0001		< 0.0001		< 0.0002		< 0.0002	
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000081		< 0.0001		< 0.0001		< 0.0001		< 0.0001	
Benzo(g,h,i)perylene	mg/L	-	< 0.000161		< 0.0002		< 0.0002		< 0.0002		< 0.0002	
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000081		< 0.0001		< 0.0001		< 0.0001		< 0.0001	
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.00161	C	< 0.002	C	< 0.002	C	< 0.002		< 0.002	
Chrysene	mg/L	0.0015	< 0.000081		< 0.0001		< 0.0001		< 0.0001		< 0.0001	
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000081		< 0.0001		< 0.0001		< 0.0002		< 0.0002	
Di-n-butyl phthalate	mg/L	0.7	< 0.00806		< 0.01		< 0.01		< 0.01		< 0.01	
Fluoranthene	mg/L	0.28	< 0.000242		< 0.0003		< 0.0003		< 0.0003		< 0.0003	
Fluorene	mg/L	0.28	< 0.000161		< 0.0002		< 0.0002		< 0.0002		< 0.0002	
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000081		< 0.0001		< 0.0001		< 0.0002		< 0.0002	
m,p-Cresol	mg/L	-	< 0.00806		< 0.01		< 0.01		< 0.01		< 0.01	
o-Cresol	mg/L	0.35	< 0.00806		< 0.01		< 0.0004		< 0.0004		< 0.0004	
Naphthalene	mg/L	0.14	< 0.000323		< 0.0004		< 0.01		< 0.01		< 0.01	
Phenanthrene	mg/L	-	< 0.000484		< 0.0006		< 0.0006		< 0.0006		< 0.0006	
Pyrene	mg/L	0.21	< 0.000161		< 0.0002		< 0.0002		< 0.0002		< 0.0002	
Benzene	µg/L	5.0	< 0.5		< 0.5		< 0.5		**0.52**		**1.2**	
Bromoform	µg/L	1.0	< 2		< 2		< 2		< 2		< 2	
Ethylbenzene	µg/L	700	< 1		< 1		< 1		< 1		< 1	
m,p-Xylenes	µg/L	-	< 1		< 1		< 1		< 1		< 1	
Methylene chloride	µg/L	5.0	< 2		< 2		< 2		< 2		< 2	
Naphthalene	µg/L	140	< 2		< 2		< 2	B	< 2		< 2	
o-Xylene	µg/L	-	< 1		< 1		< 1		< 1		< 1	
Toluene	µg/L	1000	< 2		< 2		< 2		< 2		< 2	
trans-1,2-Dichloroethene	µg/L	100	< 2		< 2		< 2		< 2		< 2	
Xylenes, Total	µg/L	10000	< 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 2
Summary of Analytical Results 2015 - February 2021
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	< 0.0004	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.0002	< 0.000301	< 0.0004	< 0.0004	< 0.0004	< 0.01	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0004	< 0.000451	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.00015	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	**0.45 J**	< 2	< 2	< 2	< 2	< 2 B	**3.29**	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2

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

Attachment 2
Summary of Analytical Results 2015 - February 2021
Ameren Taylorville, IL MGP Site

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

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
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 2
Summary of Analytical Results 2015 - February 2021
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	< 0.0004
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	< 0.0002	< 0.000312	< 0.01
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
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 2
Summary of Analytical Results 2015 - February 2021
Ameren Taylorville, IL MGP Site

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

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

Attachment 2
Summary of Analytical Results 2015 - February 2021
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	Result 5/11/2021
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000074	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001 SR	< 0.0001	< 0.000074	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000221	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0002	< 0.000147	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	---	< 0.002	< 0.002	**0.0053**	< 0.00147 C	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	< 0.00735	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000221	< 0.0003
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000147	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0002
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	< 0.00735	< 0.01
o-Cresol	mg/L	0.35	< 0.0001	---	---	---	---	< 0.00735	< 0.0004
Naphthalene	mg/L	0.14	---	---	---	---	< 0.0002	< 0.000294	< 0.01
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.000441	< 0.0006
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002	< 0.000147	< 0.0002
Benzene	µg/L	5.0	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 2 B	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 1 B	< 2	< 2	< 2

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

Attachment 2
Summary of Analytical Results 2015 - February 2021
Ameren Taylorville, IL MGP Site

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

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

Attachment 2
Summary of Analytical Results 2015 - February 2021
Ameren Taylorville, IL MGP Site

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

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

Attachment 2
Summary of Analytical Results 2015 - February 2021
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
Acenaphthene	mg/L	0.42	**0.000193**	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.000231	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.000154	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.00154 C	< 0.002 C	< 0.002 C	< 0.002 C	< 0.002
Chrysene	mg/L	0.0015	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.000231	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	**0.000311**	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000077	< 0.0001	**0.000078 J**	< 0.0001	< 0.0002
m,p-Cresol	mg/L	-	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.00769	< 0.01	< 0.01	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.000308	< 0.0004	< 0.0004	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.000462	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.000154	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	0.29 J	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2 B	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	0.29 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