October 18, 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.

Third Quarter – 2021 Events

- Third quarter 2021 groundwater samples collected in August 2021 (results attached)
- Third quarter 2021 pump and treat system samples (results attached)
- Temporary shutdown of treatment system (8/24/21-9/11/21) due to a valve failure.

Fourth Quarter – 2021 Plans

- Collect Fourth quarter groundwater samples in November

Problems Encountered or Anticipated Problems

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

We have treated 1,309,296,792 gallons of groundwater through the system since startup until the end of September 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 (July-September)

Monitoring Well Location Map

Year 2021 Quarter 3 Groundwater Sampling Results

MGP Pump & Treat System Summary
Taylorville, Illinois
July 2021

DATE	TOTALIZER READING	FLOW	EXTRACTION WELL	Water Level East	Water Level West
Jul-21	x100				
1	280,267,700	105,400	West	60	52
2	280,373,100	76,400	West	60	50
3	280,449,500	65,800	West	60	50
4	280,515,300	79,700	West	60	52
5	280,595,000	85,900	West	60	52
6	280,680,900	62,600	West	60	52
7	280,743,500	34,300	West	60	54
8	280,777,800	109,000	West	60	54
9	280,886,800	72,100	West	60	52
10	280,958,900	74,000	West	60	54
11	281,032,900	60,800	West	60	52
12	281,093,700	93,500	West	60	52
13	281,187,200	49,800	West	60	54
14	281,237,000	45,200	West	60	52
15	281,282,200	102,700	West	60	52
16	281,384,900	65,600	West	60	50
17	281,450,500	69,800	West	60	52
18	281,520,300	30,100	West	60	52
19	281,550,400	95,300	West	60	52
20	281,645,700	58,100	West	60	52
21	281,703,800	84,800	West	60	52
22	281,788,600	61,200	West	62	50
23	281,849,800	89,900	West	62	52
24	281,939,700	60,400	West	62	52
25	282,000,100	75,600	West	62	54
26	282,075,700	55,600	West	62	54
27	282,131,300	53,400	West	62	52
28	282,184,700	29,600	West	62	52
29	282,214,300	97,100	West	62	54
30	282,311,400	66,500	West	60	50
31	282,377,900	68,900	West	60	50
Aug-21	282,446,800				

Flow Data		**Gallons**
For Month		2,179,100
	To Pond	0
	Below Pond	2,179,100
Average		70,294
Maximum		109,000
Minimum		29,600
Total Through June		1,303,842,692
Total Through July		1,306,021,792

Maintenance Summary

Well Cleaning	None	
Vessel	**North**	**South**
Carbon Change	None	None
Cleaned Effluent Backwash Storage	None	None
Back Washed Vessels	7/31/2021	None

Changed Bag Filters	**North**	**Middle**	**South**
	Inoperable	7/1/2021	7/1/2021
	Inoperable	7/8/2021	7/8/2021
	Inoperable	7/15/2021	7/15/2021
	Inoperable	7/21/2021	7/21/2021
	Inoperable	7/29/2021	7/29/2021

Drum Disposal No

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
July 2021

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	7/7/2021		7/13/2021		7/20/2021		7/28/2021		Average		Maximum	
Lab pH		-	-	-	6.82		6.79		6.83		6.86		6.83		6.86	
Iron, Dissolved	mg/L	-	-	-	0.629		0.277		0.118		1.010		0.509		1.010	
Iron, Total	mg/L	-	-	-	2.68		2.50		2.02		2.47		2.42		2.68	
Acenaphthene	mg/L	-	-	0.42	0.0123		0.0136		0.0156		0.0198	H	0.0153		0.0198	
Acenaphthylene	mg/L	-	-	-	0.00510		0.00620		0.00647		0.00689	H	0.00617		0.00689	H
Anthracene	mg/L	-	-	2.1	0.00440		0.00278		0.00270		0.00328	H	0.00329		0.00440	
Benzo(a)anthracene	mg/L	-	-	0.00013	**0.000577**		**0.000150**		0.000126		**0.000411**	**H**	**0.000316**		**0.000577**	
Benzo(a)pyrene	mg/L	-	-	0.00023	**0.000252**		ND		ND		0.000170	JH	0.000211		0.000252	
Benzo(b)fluoranthene	mg/L	-	-	-	0.000272		ND		0.000078	J	0.000170	H	0.000173		0.000272	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		0.000278	H	0.000278	H	0.000278	H
Benzo(k)fluoranthene	mg/L	-	-	-	0.000105		ND		ND		0.000076	JH	0.000091		0.00011	
Chrysene	mg/L	-	-	-	0.000559		0.000124		0.000099	J	0.000345	H	0.000282		0.000559	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		0.000278	H	0.000278	H	0.000278	H
Fluoranthene	mg/L	-	-	0.28	0.00352		0.00220		0.00218		0.00325	H	0.00279		0.00352	H
Fluorene	mg/L	-	-	-	0.00893		0.00659		0.00775		0.01060	H	0.00847		0.01060	H
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		0.000278	H	0.000278	H	0.000278	H
m,p-Cresol	mg/L	-	-	0.35	0.00072	J	ND		0.00110	J	0.00098	JH	0.00093		0.00110	J
o-Cresol	mg/L	-	-	0.35	0.0074	J	0.0024	J	0.0103		0.0091	JH	0.0073		0.0103	
Phenanthrene	mg/L	-	-	-	0.0150		0.0159		0.0160		0.0224	H	0.0173		0.0224	H
Pyrene	mg/L	-	-	-	0.00483		0.00289		0.00274		0.00426	H	0.00368		0.00483	
Total PNAs except Naphthalene	mg/L	-	-	-	0.0559		0.0505		0.0538		0.0717	H	0.0580		0.0717	H
Benzene	µg/L	-	-	5	**379**		**392**		**390**		**338**		**375**		**392**	
Ethylbenzene	µg/L	-	-	700	61.9		64.1		64.6		54.6		61.3		64.6	
m,p-Xylenes	µg/L	-	-	-	55.1		56.2		55.0		49.3		53.9		56.2	
Naphthalene	µg/L	-	-	25	**372**		**417**		**428**		**321**		**385**		**428**	
o-Xylene	µg/L	-	-	-	29.7		31.1		29.9		26.7		29.4		31.1	
Toluene	µg/L	-	-	1000	172		174		173		154		168		174	
Xylenes, Total	µg/L	-	-	10000	84.8		87.3		84.9		76.0		83.3		87.3	

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

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

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	7/7/2021		7/13/2021		7/20/2021		7/28/2021		Average		Maximum	
Lab pH		-	-	-	6.83		6.79		6.82		6.85		6.82		6.85	
Iron, Dissolved	mg/L	-	-	-	0.0779		0.0495		ND		0.0531		0.0602		0.0779	
Iron, Total	mg/L	-	-	-	0.2380		0.1770		0.0477		0.0805		0.1358		0.2380	
Acenaphthene	mg/L	-	-	-	ND	H	0.000078	J	ND		ND	H	0.000078	J	0.000078	J
Acenaphthylene	mg/L	-	-	-	ND	H	ND		ND		ND	H	ND		ND	
Anthracene	mg/L	-	-	-	ND	H	ND		ND		ND	H	ND		ND	
Benzo(a)anthracene	mg/L	-	-	-	ND	H	ND		ND		ND	H	ND		ND	
Benzo(a)pyrene	mg/L	-	-	-	ND	H	ND		0.000066	J	ND	H	0.000066	J	0.000066	J
Benzo(b)fluoranthene	mg/L	-	-	-	ND	H	ND		ND		ND	H	ND		ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND	H	ND		0.000045	J	ND	H	0.000045	J	0.000045	J
Benzo(k)fluoranthene	mg/L	-	-	-	ND	H	ND		ND		ND	H	ND		ND	
Chrysene	mg/L	-	-	-	ND	H	ND		ND		ND	H	ND		ND	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND	H	ND		0.000074	J	ND	H	0.000074	J	0.000074	J
Fluoranthene	mg/L	-	-	-	ND	H	ND		ND		ND	H	ND		ND	
Fluorene	mg/L	-	-	-	ND	H	ND		ND		ND	H	ND		ND	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND	H	ND		0.000062	J	ND	H	0.000062	J	0.000062	J
m,p-Cresol	mg/L	-	-	-	ND	H	ND		ND		ND	H	ND		ND	
o-Cresol	mg/L	-	-	-	ND	H	ND		ND		ND	H	ND		ND	
Phenanthrene	mg/L	-	-	-	ND	H	ND		ND		ND	H	ND		ND	
Pyrene	mg/L	-	-	-	ND	H	ND		ND		ND	H	ND		ND	
Total PNAs except Naphthalene	mg/L	-	-	-	ND	H	ND		ND		ND	H	ND		ND	
Benzene	µg/L	-	-	-	0.7		0.7		0.6		0.4	J	0.6		0.7	
Ethylbenzene	µg/L	-	-	-	ND		ND		ND		ND		ND		ND	
m,p-Xylenes	µg/L	-	-	-	0.2	J	ND		ND		ND		0.2	J	0.2	J
Naphthalene	µg/L	-	-	-	ND	B	0.8		0.9		0.5	J	0.7		0.9	
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
H = Holding times exceeded

Effluent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
July 2021

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	7/7/2021		7/13/2021		7/20/2021		7/28/2021		Average		Maximum	
Lab pH		-	-	-	6.85		6.83		6.82		6.86		6.84		6.86	
Iron, Dissolved	mg/L	-	1	-	ND		ND		ND		ND		ND		ND	
Iron, Total	mg/L	2	4	-	ND		ND		ND		ND		ND		ND	
Acenaphthene	mg/L	-	0.0608	-	ND		ND		ND		ND		ND		ND	
Acenaphthylene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Anthracene	mg/L	-	0.0023	-	ND		ND		ND		ND		ND		ND	
Benzo(a)anthracene	mg/L	-	0.001	-	ND		ND		ND		ND		ND		ND	
Benzo(a)pyrene	mg/L	-	0.0005	-	ND		ND		0.000068	J	ND		0.000068	J	0.000068	J
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		0.000046	J	ND		0.000046	J	0.000046	J
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		0.000072	J	ND		0.000072	J	0.000072	J
Fluoranthene	mg/L	0.053	0.398	-	ND		ND		ND		ND		ND		ND	
Fluorene	mg/L	-	-	-	ND		ND		0.00014	J	ND		0.00014	J	0.00014	J
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		0.000062	J	ND		0.000062	J	0.000062	J
m,p-Cresol	mg/L	-	1.9	-	ND		ND		ND		ND		ND		ND	
o-Cresol	mg/L	-	1.9	-	ND		ND		ND		ND		ND		ND	
Phenanthrene	mg/L	-	0.01	-	ND		ND		ND		ND		ND		ND	
Pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Total PNAs except Naphthalene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Benzene	µg/L	-	50	-	1.7		1.7		1.6		1.4		1.6		1.7	
Ethylbenzene	µg/L	17	216	-	ND		ND		ND		ND		ND		ND	
m,p-Xylenes	µg/L	-	-	-	0.2	J	0.2	J	ND		0.2	J	0.2	J	0.2	J
Naphthalene	µg/L	-	670	-	0.7		ND		ND		ND		0.7		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
SR=Spike recovery outside recovery limits
H = Holding times exceeded

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

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	7/7/2021	7/14/2021	7/20/2021	7/28/2021	Average	Maximum
Benzene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Ethylbenzene	µg/L	-	-	-	0.1 J	ND	ND	ND	0.1 J	0.1 J
m,p-Xylenes	µg/L	-	-	-	0.4 J	0.4 J	ND	ND	0.4 J	0.4 J
Naphthalene	µg/L	-	-	-	0.4 BJ	ND	ND	ND	0.4 BJ	0.4 BJ
o-Xylene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Toluene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Xylenes, Total	µg/L	-	-	-	0.4 J	0.4 J	ND	ND	0.4 J	0.4 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
H = Holding times exceeded

MGP Pump & Treat System Summary
Taylorville, Illinois
August 2021

DATE	TOTALIZER READING	FLOW	EXTRACTION WELL	Water Level East	Water Level West
Aug-21	x100				
1	282,446,800	104,800	West	60	52
2	282,551,600	70,600	West	60	52
3	282,622,200	69,600	West	60	52
4	282,691,800	45,900	West	60	54
5	282,737,700	107,300	West	60	54
6	282,845,000	64,300	West	60	54
7	282,909,300	82,100	West	60	52
8	282,991,400	96,900	West	60	52
9	283,088,300	60,400	West	62	54
10	283,148,700	61,000	West	62	52
11	283,209,700	33,400	West	62	52
12	283,243,100	79,500	West	62	52
13	283,322,600	105,600	West	58	50
14	283,428,200	120,500	West	60	50
15	283,548,700	80,800	West	60	50
16	283,629,500	94,200	West	60	50
17	283,723,700	60,000	West	62	50
18	283,783,700	67,100	West	62	50
19	283,850,800	99,800	West	62	50
20	283,950,600	63,700	West	60	50
21	284,014,300	112,900	West	60	50
22	284,127,200	81,200	West	60	50
23	284,208,400	69,100	West	60	50
24	284,277,500	0	West	60	50
25	284,277,500	0	West	58	60
26	284,277,500	0	West	58	60
27	284,277,500	0	West	58	58
28	284,277,500	0	West	58	58
29	284,277,500	0	West	58	60
30	284,277,500	0	West	58	60
31	284,277,500	0	West	58	60
Sep-21	284,277,500				

Flow Data	**Gallons**
For Month	1,830,700
To Pond	0
Below Pond	1,830,700
Average	59,055
Maximum	120,500
Minimum	0
Total Through July	1,306,021,792
Total Through Aug	1,307,852,492

Maintenance Summary

Well Cleaning	None		
Vessel	**North**	**South**	
Carbon Change	None	None	
Cleaned Effluent Backwash Storage	None	None	
Back Washed Vessels	None		
	None		
Changed Bag Filters	**North**	**Middle**	**South**
	Inoperable	8/5/2021	8/5/2021
	Inoperable	8/12/2021	8/12/2021
	Inoperable	8/19/2021	8/19/2021

Drum Disposal No

NOTES:

System shut down during PM of 8/24/21. Water was observed to be flowing to surface from east well casing. Shut off valve between east and west well determined to be defective, allowing ground water from west well to flow back into east well and on to surface. System was shut down pending repairs.

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
August 2021

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	8/4/2021		8/11/2021		8/18/2021		8/25/2021	Average		Maximum	
Lab pH		-	-	-	6.62		6.99		6.95		NS	6.85		6.99	
Iron, Dissolved	mg/L	-	-	-	0.856		1.110		0.268		NS	0.745		1.110	
Iron, Total	mg/L	-	-	-	2.50		2.56		2.38		NS	2.48		2.56	
Acenaphthene	mg/L	-	-	0.42	0.0159		0.0174		0.0162		NS	0.0165		0.0174	
Acenaphthylene	mg/L	-	-	-	0.00920		0.00852		0.00685		NS	0.00819		0.00920	
Anthracene	mg/L	-	-	2.1	0.00308		0.00296		0.00399		NS	0.00334		0.00399	
Benzo(a)anthracene	mg/L	-	-	0.00013	**0.000159**		**0.000160**		**0.000294**		NS	**0.000204**		**0.000294**	
Benzo(a)pyrene	mg/L	-	-	0.00023	ND		ND		0.00014	J	NS	0.00014	J	0.00014	J
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		0.000128		NS	0.000128		0.000128	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		NS	ND		ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		NS	ND		ND	
Chrysene	mg/L	-	-	-	0.000136		0.000129		0.000212		NS	0.000159		0.000212	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		NS	ND		ND	
Fluoranthene	mg/L	-	-	0.28	0.00263		0.00250		0.00328		NS	0.00280		0.00328	
Fluorene	mg/L	-	-	-	0.00830		0.00837		0.01020		NS	0.00896		0.01020	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		NS	ND		ND	
m,p-Cresol	mg/L	-	-	0.35	ND		0.0010	J	0.0013	J	NS	0.0012	J	0.0013	J
o-Cresol	mg/L	-	-	0.35	ND		0.0103		0.0159		NS	0.0131		0.0159	
Phenanthrene	mg/L	-	-	-	0.0172		0.0170		0.0204		NS	0.0182		0.0204	
Pyrene	mg/L	-	-	-	0.00312		0.00316		0.00413		NS	0.00347		0.00413	
Total PNAs except Naphthalene	mg/L	-	-	-	0.0597		0.0602		0.0658		NS	0.0619		0.0658	
Benzene	µg/L	-	-	5	**386**		**384**		**281**		NS	**350**		**386**	
Ethylbenzene	µg/L	-	-	700	66.9		54.5		66.0		NS	62.5		66.9	
m,p-Xylenes	µg/L	-	-	-	55.7		46.1		51.5		NS	51.1		55.7	
Naphthalene	µg/L	-	-	25	**362**	B	**377**		**387**		NS	**375**		**387**	
o-Xylene	µg/L	-	-	-	29.8		23.5		27.4		NS	26.9		29.8	
Toluene	µg/L	-	-	1000	169		149		143		NS	154		169	
Xylenes, Total	µg/L	-	-	10000	85.5		69.6		78.9		NS	78.0		85.5	

NA=Not analyzed
ND=Not detected above the project acceptable detection limit
*=Results not available
NS=Not sampled - system shutdown on 8/24/21 due to valve failure.
#=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
August 2021

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	8/4/2021		8/11/2021	8/18/2021		8/25/2021	Average		Maximum	
Lab pH		-	-	-	6.61		6.98	6.89		NS	6.83		6.98	
Iron, Dissolved	mg/L	-	-	-	0.2010		0.0408	0.0450		NS	0.0956		0.2010	
Iron, Total	mg/L	-	-	-	0.1000		0.0836	0.1480		NS	0.1105		0.1480	
Acenaphthene	mg/L	-	-	-	ND		ND	ND		NS	ND		ND	
Acenaphthylene	mg/L	-	-	-	ND		ND	ND		NS	ND		ND	
Anthracene	mg/L	-	-	-	ND		ND	ND		NS	ND		ND	
Benzo(a)anthracene	mg/L	-	-	-	ND		ND	ND		NS	ND		ND	
Benzo(a)pyrene	mg/L	-	-	-	ND		ND	0.00007	J	NS	0.00007	J	0.00007	J
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND	0.000071	J	NS	0.000071	J	0.000071	J
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND	0.000049	J	NS	0.000049	J	0.000049	J
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND	ND		NS	ND		ND	
Chrysene	mg/L	-	-	-	ND		ND	ND		NS	ND		ND	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND	0.000075	J	NS	0.000075	J	0.000075	J
Fluoranthene	mg/L	-	-	-	ND		ND	ND		NS	ND		ND	
Fluorene	mg/L	-	-	-	ND		ND	ND		NS	ND		ND	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND	0.000066	J	NS	0.000066	J	0.000066	J
m,p-Cresol	mg/L	-	-	-	ND		ND	ND		NS	ND		ND	
o-Cresol	mg/L	-	-	-	ND		ND	ND		NS	ND		ND	
Phenanthrene	mg/L	-	-	-	ND		ND	ND		NS	ND		ND	
Pyrene	mg/L	-	-	-	ND		ND	ND		NS	ND		ND	
Total PNAs except Naphthalene	mg/L	-	-	-	ND		ND	ND		NS	ND		ND	
Benzene	µg/L	-	-	-	3.0		2.2	1.8		NS	2.3		3.0	
Ethylbenzene	µg/L	-	-	-	ND		ND	ND		NS	ND		ND	
m,p-Xylenes	µg/L	-	-	-	ND		ND	ND		NS	ND		ND	
Naphthalene	µg/L	-	-	-	0.6	B, J	0.9	ND		NS	0.8		0.9	
o-Xylene	µg/L	-	-	-	ND		ND	ND		NS	ND		ND	
Toluene	µg/L	-	-	-	ND		ND	ND		NS	ND		ND	
Xylenes, Total	µg/L	-	-	-	ND		ND	ND		NS	ND		ND	

NA=Not analyzed
ND=Not detected above the project acceptable detection limit
*=Results not available
NS=Not sampled - system shutdown on 8/24/21 due to valve failure.
J=Analyte detected below quantitation limits
B=Analyte found in the method blank at a concentration
E=Value above quantitation range
H = Holding times exceeded

Effluent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
August 2021

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	8/4/2021		8/11/2021	8/18/2021		8/25/2021	Average		Maximum	
Lab pH		-	-	-	6.58		6.99	6.89		NS	6.82		6.99	
Iron, Dissolved	mg/L	-	1	-	ND		ND	ND		NS	ND		ND	
Iron, Total	mg/L	2	4	-	ND		ND	ND		NS	ND		ND	
Acenaphthene	mg/L	-	0.0608	-	ND		ND	ND		NS	ND		ND	
Acenaphthylene	mg/L	-	-	-	ND		ND	ND		NS	ND		ND	
Anthracene	mg/L	-	0.0023	-	ND		ND	ND		NS	ND		ND	
Benzo(a)anthracene	mg/L	-	0.001	-	ND		ND	ND		NS	ND		ND	
Benzo(a)pyrene	mg/L	-	0.0005	-	ND		ND	0.000072	J	NS	0.000072	J	0.000072	J
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND	ND		NS	ND		ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND	0.000049	J	NS	0.000049	J	0.000049	J
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND	ND		NS	ND		ND	
Chrysene	mg/L	-	-	-	ND		ND	ND		NS	ND		ND	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND	0.000075	J	NS	0.000075	J	0.000075	J
Fluoranthene	mg/L	0.053	0.398	-	ND		ND	ND		NS	ND		ND	
Fluorene	mg/L	-	-	-	ND		ND	ND		NS	ND		ND	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND	0.000066	J	NS	0.000066	J	0.000066	J
m,p-Cresol	mg/L	-	1.9	-	ND		ND	ND		NS	ND		ND	
o-Cresol	mg/L	-	1.9	-	ND		ND	ND		NS	ND		ND	
Phenanthrene	mg/L	-	0.01	-	ND		ND	ND		NS	ND		ND	
Pyrene	mg/L	-	-	-	ND		ND	ND		NS	ND		ND	
Total PNAs except Naphthalene	mg/L	-	-	-	ND		ND	ND		NS	ND		ND	
Benzene	µg/L	-	50	-	1.2		1.1	0.9		NS	1.1		1.2	
Ethylbenzene	µg/L	17	216	-	ND		ND	ND		NS	ND		ND	
m,p-Xylenes	µg/L	-	-	-	ND		ND	ND		NS	ND		ND	
Naphthalene	µg/L	-	670	-	0.3	B,J	ND	0.8		NS	0.6		0.8	
o-Xylene	µg/L	-	-	-	ND		ND	ND		NS	ND		ND	
Toluene	µg/L	70	750	-	ND		ND	ND		NS	ND		ND	
Xylenes, Total	µg/L	117	750	-	ND		ND	ND		NS	ND		ND	

NA=Not analyzed
ND=Not detected above the project acceptable detection limit
*=Results not available
NS=Not sampled - system shutdown on 8/24/21 due to valve failure.
J=Analyte detected below quantitation limits
B=Analyte found in the method blank at a concentration
E=Value above quantitation range
R=RPD outside acceptable recovery limits
SR=Spike recovery outside recovery limits
H = Holding times exceeded

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

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	8/4/2021	8/11/2021	8/18/2021	8/25/2021	Average	Maximum
Benzene	µg/L	-	-	-	ND	ND	ND	NS	ND	ND
Ethylbenzene	µg/L	-	-	-	ND	ND	ND	NS	ND	ND
m,p-Xylenes	µg/L	-	-	-	ND	ND	ND	NS	ND	ND
Naphthalene	µg/L	-	-	-	ND B	ND	ND	NS	ND	ND
o-Xylene	µg/L	-	-	-	ND	ND	ND	NS	ND	ND
Toluene	µg/L	-	-	-	ND	ND	ND	NS	ND	ND
Xylenes, Total	µg/L	-	-	-	ND	ND	ND	NS	ND	ND

NA=Not analyzed
ND=Not detected above the project acceptable detection limit
*=Results not available
NS=Not sampled - system shutdown on 8/24/21 due to valve failure.
#=Analyte found in the method blank at a concentration > acceptable detection limit
H = Holding times exceeded

MGP Pump & Treat System Summary
Taylorville, Illinois
September 2021

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

Flow Data	**Gallons**
For Month	1,444,300
To Pond	0
Below Pond	1,444,300
Average	48,143
Maximum	129,700
Minimum	0
Total Through Aug	1,307,852,492
Total Through Sept	1,309,296,792

Maintenance Summary

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

Note: System restarted on 9/11/2021 following temporary repair shutdown on 8/24/2021.

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
September 2021

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	9/1/2021	9/8/2021	9/15/2021		9/21/2021		9/29/2021		Average	Maximum	
Lab pH		-	-	-	NS	NS	6.95		6.81		6.87		6.88	6.95	
Iron, Dissolved	mg/L	-	-	-	NS	NS	0.733		0.945		1.100		0.926	1.100	
Iron, Total	mg/L	-	-	-	NS	NS	2.36		2.78		2.56		2.57	2.78	
Acenaphthene	mg/L	-	-	0.42	NS	NS	0.0146		0.0183		0.0153		0.0161	0.0183	
Acenaphthylene	mg/L	-	-	-	NS	NS	0.0033		0.00469		0.00323		0.00374	0.00469	
Anthracene	mg/L	-	-	2.1	NS	NS	0.00296		0.00313		0.00308		0.00306	0.00313	
Benzo(a)anthracene	mg/L	-	-	0.00013	NS	NS	**0.000175**		**0.000182**		**0.000161**		**0.000173**	**0.000182**	
Benzo(a)pyrene	mg/L	-	-	0.00023	NS	NS	ND		ND		ND		ND	ND	
Benzo(b)fluoranthene	mg/L	-	-	-	NS	NS	ND		ND		ND		ND	ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	NS	NS	ND		ND		ND		ND	ND	
Benzo(k)fluoranthene	mg/L	-	-	-	NS	NS	ND		ND		ND		ND	ND	
Chrysene	mg/L	-	-	-	NS	NS	0.000135		0.000152		0.000112		0.000133	0.000152	
Dibenzo(a,h)anthracene	mg/L	-	-	-	NS	NS	ND		ND		ND		ND	ND	
Fluoranthene	mg/L	-	-	0.28	NS	NS	0.00258		0.00256		0.00247		0.00254	0.00258	
Fluorene	mg/L	-	-	-	NS	NS	0.00832		0.00941		0.00803		0.00859	0.00941	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	NS	NS	ND		ND		ND		ND	ND	
m,p-Cresol	mg/L	-	-	0.35	NS	NS	0.00130	J	0.00130	J	0.00087	J	0.00116	0.00130	J
o-Cresol	mg/L	-	-	0.35	NS	NS	0.0176		0.0104		0.0094	J	0.0125	0.0176	
Phenanthrene	mg/L	-	-	-	NS	NS	0.0146		0.0189		0.0172		0.0169	0.0189	
Pyrene	mg/L	-	-	-	NS	NS	0.00321		0.00234		0.00308		0.00288	0.00321	
Total PNAs except Naphthalene	mg/L	-	-	-	NS	NS	0.0499		0.0596		0.0526		0.0540	0.0596	
Benzene	µg/L	-	-	5	NS	NS	**424**		**360**		**322**		**369**	**424**	
Ethylbenzene	µg/L	-	-	700	NS	NS	69.6		58.5		49.6		59.2	69.6	
m,p-Xylenes	µg/L	-	-	-	NS	NS	52.9		50.0		42.6		48.5	52.9	
Naphthalene	µg/L	-	-	25	NS	NS	**361**	**B**	**356**		**282**		**333**	**361**	**B**
o-Xylene	µg/L	-	-	-	NS	NS	27.5		26.3		23.8		25.9	27.5	
Toluene	µg/L	-	-	1000	NS	NS	179.0		151.0		132.0		154.0	179.0	
Xylenes, Total	µg/L	-	-	10000	NS	NS	80.4		76.3		66.4		74.4	80.4	

NA=Not analyzed
ND=Not detected above the project acceptable detection limit
*=Results not available
NS=Not sampled - system was offline for repairs 8/24/21 - 9/11/21.
#=Analyte found in the method blank at a concentration > acceptable detection limit
J = Estimated concentration
BOLD text indicates exceedance of the groundwater quality standard
B = Analyte present in method blank
E=Value above quantitation range
H= Holding times exceeded

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

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	9/1/2021	9/8/2021	9/15/2021		9/21/2021		9/29/2021		Average	Maximum	
Lab pH		-	-	-	NS	NS	6.95		6.87		6.91		6.91	6.95	
Iron, Dissolved	mg/L	-	-	-	NS	NS	0.0250	J	0.0370	J	0.0240	J	0.0287	0.0370	J
Iron, Total	mg/L	-	-	-	NS	NS	0.0477		0.0410		0.1400		0.0762	0.1400	
Acenaphthene	mg/L	-	-	-	NS	NS	ND		ND		ND		ND	ND	
Acenaphthylene	mg/L	-	-	-	NS	NS	ND		ND		ND		ND	ND	
Anthracene	mg/L	-	-	-	NS	NS	ND		ND		ND		ND	ND	
Benzo(a)anthracene	mg/L	-	-	-	NS	NS	ND		ND		ND		ND	ND	
Benzo(a)pyrene	mg/L	-	-	-	NS	NS	ND		ND		ND		ND	ND	
Benzo(b)fluoranthene	mg/L	-	-	-	NS	NS	ND		ND		ND		ND	ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	NS	NS	ND		ND		ND		ND	ND	
Benzo(k)fluoranthene	mg/L	-	-	-	NS	NS	ND		ND		ND		ND	ND	
Chrysene	mg/L	-	-	-	NS	NS	ND		ND		ND		ND	ND	
Dibenzo(a,h)anthracene	mg/L	-	-	-	NS	NS	ND		ND		ND		ND	ND	
Fluoranthene	mg/L	-	-	-	NS	NS	ND		ND		ND		ND	ND	
Fluorene	mg/L	-	-	-	NS	NS	ND		ND		ND		ND	ND	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	NS	NS	ND		ND		ND		ND	ND	
m,p-Cresol	mg/L	-	-	-	NS	NS	ND		ND		ND		ND	ND	
o-Cresol	mg/L	-	-	-	NS	NS	ND		ND		ND		ND	ND	
Phenanthrene	mg/L	-	-	-	NS	NS	ND		ND		ND		ND	ND	
Pyrene	mg/L	-	-	-	NS	NS	ND		ND		ND		ND	ND	
Total PNAs except Naphthalene	mg/L	-	-	-	NS	NS	ND		ND		ND		ND	ND	
Benzene	µg/L	-	-	-	NS	NS	0.7		0.6		8.5		3.3	8.5	
Ethylbenzene	µg/L	-	-	-	NS	NS	ND		ND		ND		ND	ND	
m,p-Xylenes	µg/L	-	-	-	NS	NS	ND		ND		ND		ND	ND	
Naphthalene	µg/L	-	-	-	NS	NS	ND		0.6		0.6		0.6	0.6	
o-Xylene	µg/L	-	-	-	NS	NS	ND		ND		ND		ND	ND	
Toluene	µg/L	-	-	-	NS	NS	ND		ND		ND		ND	ND	
Xylenes, Total	µg/L	-	-	-	NS	NS	ND		ND		ND		ND	ND	

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

Effluent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
September 2021

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	9/1/2021	9/8/2021	9/15/2021		9/21/2021		9/29/2021		Average		Maximum	
Lab pH		-	-	-	NS	NS	7.54		6.91		6.94		7.13		7.54	
Iron, Dissolved	mg/L	-	1	-	NS	NS	ND		ND		ND		ND		ND	
Iron, Total	mg/L	2	4	-	NS	NS	ND		ND		ND		ND		ND	
Acenaphthene	mg/L	-	0.0608	-	NS	NS	ND		ND		ND		ND		ND	
Acenaphthylene	mg/L	-	-	-	NS	NS	ND		ND		ND		ND		ND	
Anthracene	mg/L	-	0.0023	-	NS	NS	ND		ND		ND		ND		ND	
Benzo(a)anthracene	mg/L	-	0.001	-	NS	NS	ND		ND		ND		ND		ND	
Benzo(a)pyrene	mg/L	-	0.0005	-	NS	NS	ND		ND		ND		ND		ND	
Benzo(b)fluoranthene	mg/L	-	-	-	NS	NS	ND		ND		ND		ND		ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	NS	NS	ND		ND		ND		ND		ND	
Benzo(k)fluoranthene	mg/L	-	-	-	NS	NS	ND		ND		ND		ND		ND	
Chrysene	mg/L	-	-	-	NS	NS	ND		ND		ND		ND		ND	
Dibenzo(a,h)anthracene	mg/L	-	-	-	NS	NS	ND		ND		ND		ND		ND	
Fluoranthene	mg/L	0.053	0.398	-	NS	NS	ND		ND		ND		ND		ND	
Fluorene	mg/L	-	-	-	NS	NS	ND		ND		ND		ND		ND	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	NS	NS	ND		ND		ND		ND		ND	
m,p-Cresol	mg/L	-	1.9	-	NS	NS	ND		ND		ND		ND		ND	
o-Cresol	mg/L	-	1.9	-	NS	NS	ND		ND		ND		ND		ND	
Phenanthrene	mg/L	-	0.01	-	NS	NS	ND		ND		ND		ND		ND	
Pyrene	mg/L	-	-	-	NS	NS	ND		ND		ND		ND		ND	
Total PNAs except Naphthalene	mg/L	-	-	-	NS	NS	ND		ND		ND		ND		ND	
Benzene	µg/L	-	50	-	NS	NS	0.2	J	0.2	J	0.2	J	0.2		0.2	J
Ethylbenzene	µg/L	17	216	-	NS	NS	ND		ND		ND		ND		ND	
m,p-Xylenes	µg/L	-	-	-	NS	NS	ND		ND		ND		ND		ND	
Naphthalene	µg/L	-	670	-	NS	NS	0.3	B,J	ND		ND		0.3	B,J	0.3	B,J
o-Xylene	µg/L	-	-	-	NS	NS	ND		ND		ND		ND		ND	
Toluene	µg/L	70	750	-	NS	NS	ND		ND		ND		ND		ND	
Xylenes, Total	µg/L	117	750	-	NS	NS	ND		ND		ND		ND		ND	

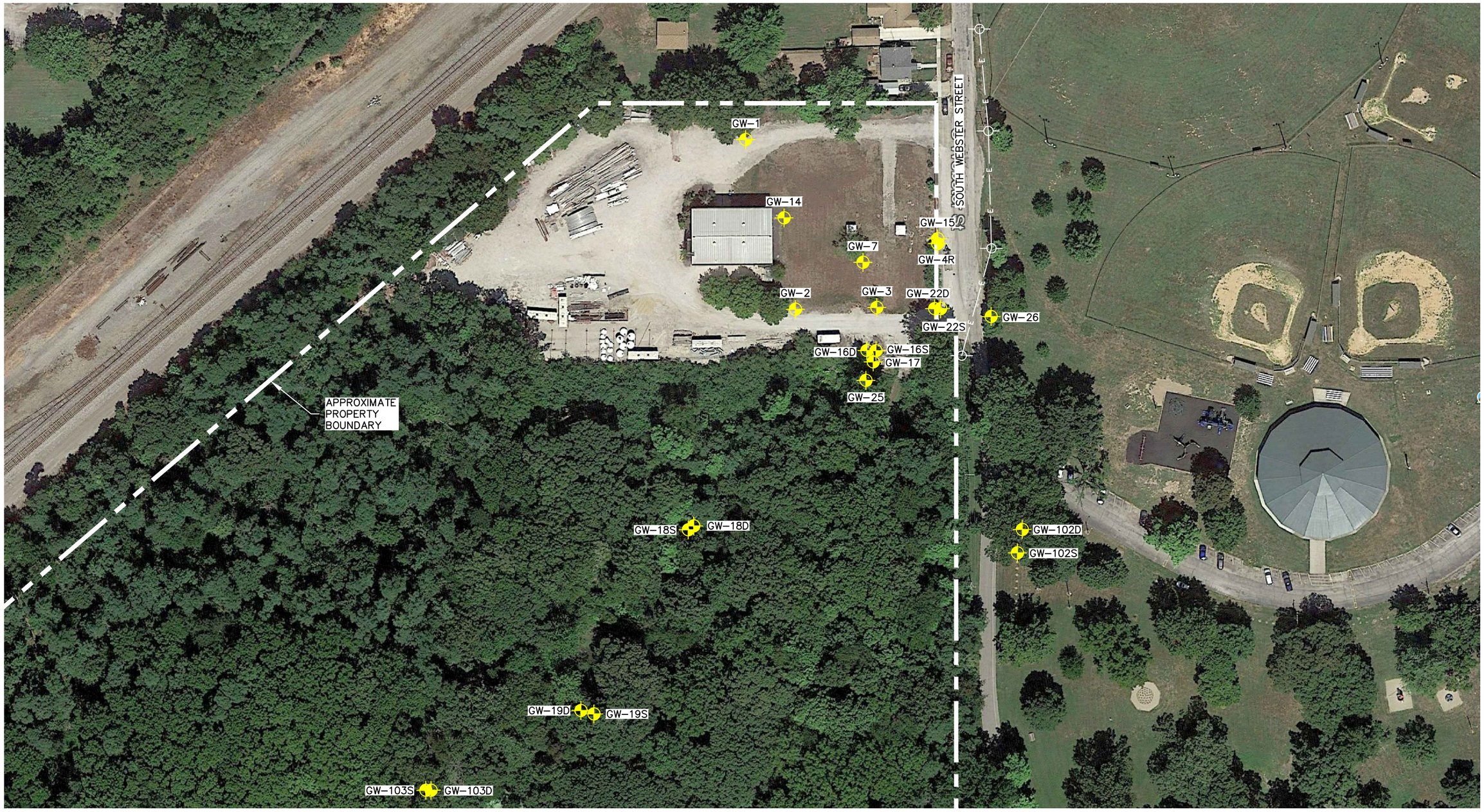
NA=Not analyzed
ND=Not detected above the project acceptable detection limit
*=Results not available
NS=Not sampled - system was offline for repairs 8/24/21 - 9/11/21.
J=Analyte detected below quantitation limits
B=Analyte found in the method blank at a concentration
E=Value above quantitation range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

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

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	9/1/2021	9/8/2021	9/15/2021	9/21/2021	9/29/2021	Average	Maximum
Benzene	µg/L	-	-	-	NS	NS	ND	ND	ND	ND	ND
Ethylbenzene	µg/L	-	-	-	NS	NS	ND	ND	ND	ND	ND
m,p-Xylenes	µg/L	-	-	-	NS	NS	0.2 J	ND	ND	0.2 J	0.2 J
Naphthalene	µg/L	-	-	-	NS	NS	0.4 B,J	ND	ND	0.4 B,J	0.4 B,J
o-Xylene	µg/L	-	-	-	NS	NS	ND	ND	ND	ND	ND
Toluene	µg/L	-	-	-	NS	NS	ND	ND	ND	ND	ND
Xylenes, Total	µg/L	-	-	-	NS	NS	ND	ND	ND	ND	ND

NA=Not analyzed
ND=Not detected above the project acceptable detection limit
*=Results not available
NS=Not sampled - system was offline for repairs 8/24/21 - 9/11/21.
#=Analyte found in the method blank at a concentration > acceptable detection limit
H= Holding times exceeded

MONITORING WELL LOCATION MAP



LEGEND

- MONITORING WELL
- POWER POLES
- OVERHEAD POWER LINES

N

0 100 200

SCALE (IN FEET)

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

ERM®

FORMER CIPS MGP SITE

917 SOUTH WEBSTER STREET
TAYLORVILLE, ILLINOIS

Environmental Resources Management

CHK'D	BC
	0496580
	FIGURE 1

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

Environmental Resources Management

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

September 14, 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 3 Groundwater Sampling Results
Former MGP Site – Taylorville, Illinois

Dear Dave:

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

The results from the third quarter of groundwater sampling in 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-02, GW-05, GW-07, GW-14, GW-16S, GW-17, and GW-22S 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 ROs of primary COCs, 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, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene were observed at concentrations exceeding the applicable ROs at GW-20. However, volatile organic compounds (VOCs) were not observed at this location 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.

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
AUGUST 2021

August 20, 2021

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

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

RE: Ameren Taylorville 3rd Qtr 2021 **WorkOrder:** 21080830

Dear Matt Halley:

TEKLAB, INC received 25 samples on 8/12/2021 3:50:00 PM for the analysis presented in the following report.

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

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

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

Sincerely,

Elizabeth A. Hurley
Project Manager
(618)344-1004 ex 33
ehurley@teklabinc.com

Report Contents

http://www.teklabinc.com/

Client: ERM

Work Order: 21080830

Client Project: Ameren Taylorville 3rd Qtr 2021

Report Date: 20-Aug-21

This reporting package includes the following:

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	5
Accreditations	6
Laboratory Results	7
Sample Summary	32
Dates Report	33
Quality Control Results	37
Receiving Check List	52
Chain of Custody	Appended

Client: ERM **Work Order:** 21080830

Client Project: Ameren Taylorville 3rd Qtr 2021 **Report Date:** 20-Aug-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)

Definitions

Client: ERM

Work Order: 21080830

Client Project: Ameren Taylorville 3rd Qtr 2021

Report Date: 20-Aug-21

Qualifiers

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

Case Narrative

http://www.teklabinc.com/

Client: ERM

Work Order: 21080830

Client Project: Ameren Taylorville 3rd Qtr 2021

Report Date: 20-Aug-21

Cooler Receipt Temp: 3.6 °C

Locations

Collinsville

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

Springfield

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

Kansas City

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

Collinsville Air

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

Chicago

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

Accreditations

Client: ERM

Work Order: 21080830

Client Project: Ameren Taylorville 3rd Qtr 2021

Report Date: 20-Aug-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	6/30/2022	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2022	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2022	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: 21080830
Client Project: Ameren Taylorville 3rd Qtr 2021
Report Date: 20-Aug-21
Lab ID: 21080830-001
Client Sample ID: GW-01
Matrix: GROUNDWATER
Collection Date: 08/11/2021 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	08/18/2021 13:46	180891
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 13:46	180891
Anthracene	NELAP	0.000300		**ND**	mg/L	1	08/18/2021 13:46	180891
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 13:46	180891
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 13:46	180891
Benzo(b)fluoranthene	NELAP	0.00010	J	**0.000074**	mg/L	1	08/18/2021 13:46	180891
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 13:46	180891
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 13:46	180891
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	08/18/2021 13:46	180891
Chrysene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 13:46	180891
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 13:46	180891
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	08/18/2021 13:46	180891
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	08/18/2021 13:46	180891
Fluorene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 13:46	180891
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 13:46	180891
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/18/2021 13:46	180891
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	08/18/2021 13:46	180891
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/18/2021 13:46	180891
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	08/18/2021 13:46	180891
Pyrene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 13:46	180891
Surr: 2,4,6-Tribromophenol	*	10-179		**96.2**	%REC	1	08/18/2021 13:46	180891
Surr: 2-Fluorobiphenyl	*	21.4-142		**74.3**	%REC	1	08/18/2021 13:46	180891
Surr: 2-Fluorophenol	*	10-157		**68.3**	%REC	1	08/18/2021 13:46	180891
Surr: Nitrobenzene-d5	*	15-163		**71.0**	%REC	1	08/18/2021 13:46	180891
Surr: Phenol-d5	*	10-162		**62.0**	%REC	1	08/18/2021 13:46	180891
Surr: p-Terphenyl-d14	*	10-173		**87.2**	%REC	1	08/18/2021 13:46	180891
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	08/13/2021 15:48	180777
Bromoform	NELAP	2.00		**ND**	µg/L	1	08/13/2021 15:48	180777
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	08/13/2021 15:48	180777
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	08/13/2021 15:48	180777
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	08/13/2021 15:48	180777
Naphthalene	NELAP	2.00		**ND**	µg/L	1	08/13/2021 15:48	180777
o-Xylene	NELAP	1.00		**ND**	µg/L	1	08/13/2021 15:48	180777
Toluene	NELAP	2.00		**ND**	µg/L	1	08/13/2021 15:48	180777
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	08/13/2021 15:48	180777
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	08/13/2021 15:48	180777
Surr: 1,2-Dichloroethane-d4	*	80-120		**100.8**	%REC	1	08/13/2021 15:48	180777
Surr: 4-Bromofluorobenzene	*	80-120		**99.8**	%REC	1	08/13/2021 15:48	180777
Surr: Dibromofluoromethane	*	80-120		**99.5**	%REC	1	08/13/2021 15:48	180777
Surr: Toluene-d8	*	80-120		**101.2**	%REC	1	08/13/2021 15:48	180777

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 21080830
Client Project: Ameren Taylorville 3rd Qtr 2021
Report Date: 20-Aug-21
Lab ID: 21080830-002
Client Sample ID: GW-02
Matrix: GROUNDWATER
Collection Date: 08/11/2021 11:55

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	08/18/2021 14:23	180891
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 14:23	180891
Anthracene	NELAP	0.000300		**ND**	mg/L	1	08/18/2021 14:23	180891
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 14:23	180891
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 14:23	180891
Benzo(b)fluoranthene	NELAP	0.00010	J	**0.000074**	mg/L	1	08/18/2021 14:23	180891
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 14:23	180891
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 14:23	180891
Bis(2-ethylhexyl)phthalate	NELAP	0.0100		**0.0195**	mg/L	5	08/18/2021 16:38	180891
Chrysene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 14:23	180891
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 14:23	180891
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	08/18/2021 14:23	180891
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	08/18/2021 14:23	180891
Fluorene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 14:23	180891
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 14:23	180891
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/18/2021 14:23	180891
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	08/18/2021 14:23	180891
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/18/2021 14:23	180891
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	08/18/2021 14:23	180891
Pyrene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 14:23	180891
Surr: 2,4,6-Tribromophenol	*	10-179		**102.8**	%REC	1	08/18/2021 14:23	180891
Surr: 2-Fluorobiphenyl	*	21.4-142		**76.8**	%REC	1	08/18/2021 14:23	180891
Surr: 2-Fluorophenol	*	10-157		**73.1**	%REC	1	08/18/2021 14:23	180891
Surr: Nitrobenzene-d5	*	15-163		**72.2**	%REC	1	08/18/2021 14:23	180891
Surr: Phenol-d5	*	10-162		**65.2**	%REC	1	08/18/2021 14:23	180891
Surr: p-Terphenyl-d14	*	10-173		**104.9**	%REC	1	08/18/2021 14:23	180891
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	08/13/2021 16:15	180777
Bromoform	NELAP	2.00		**ND**	µg/L	1	08/13/2021 16:15	180777
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	08/13/2021 16:15	180777
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	08/13/2021 16:15	180777
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	08/13/2021 16:15	180777
Naphthalene	NELAP	2.00		**ND**	µg/L	1	08/13/2021 16:15	180777
o-Xylene	NELAP	1.00		**ND**	µg/L	1	08/13/2021 16:15	180777
Toluene	NELAP	2.00		**ND**	µg/L	1	08/13/2021 16:15	180777
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	08/13/2021 16:15	180777
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	08/13/2021 16:15	180777
Surr: 1,2-Dichloroethane-d4	*	80-120		**101.7**	%REC	1	08/13/2021 16:15	180777
Surr: 4-Bromofluorobenzene	*	80-120		**100.8**	%REC	1	08/13/2021 16:15	180777
Surr: Dibromofluoromethane	*	80-120		**97.7**	%REC	1	08/13/2021 16:15	180777
Surr: Toluene-d8	*	80-120		**99.7**	%REC	1	08/13/2021 16:15	180777

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 21080830
Client Project: Ameren Taylorville 3rd Qtr 2021
Report Date: 20-Aug-21
Lab ID: 21080830-003
Client Sample ID: GW-03
Matrix: GROUNDWATER
Collection Date: 08/11/2021 11:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**0.000938**	mg/L	1	08/18/2021 15:42	180891
Acenaphthylene	NELAP	0.000100		**0.00292**	mg/L	1	08/18/2021 15:42	180891
Anthracene	NELAP	0.00030	J	**0.00024**	mg/L	1	08/18/2021 15:42	180891
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 15:42	180891
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 15:42	180891
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 15:42	180891
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 15:42	180891
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 15:42	180891
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	08/18/2021 15:42	180891
Chrysene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 15:42	180891
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 15:42	180891
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	08/18/2021 15:42	180891
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	08/18/2021 15:42	180891
Fluorene	NELAP	0.000200		**0.00262**	mg/L	1	08/18/2021 15:42	180891
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 15:42	180891
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/18/2021 15:42	180891
Naphthalene	NELAP	0.0400		**0.157**	mg/L	100	08/18/2021 16:44	180891
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/18/2021 15:42	180891
Phenanthrene	NELAP	0.000600		**0.00127**	mg/L	1	08/18/2021 15:42	180891
Pyrene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 15:42	180891
Surr: 2,4,6-Tribromophenol	*	10-179		**107.5**	%REC	1	08/18/2021 15:42	180891
Surr: 2-Fluorobiphenyl	*	21.4-142		**70.2**	%REC	1	08/18/2021 15:42	180891
Surr: 2-Fluorophenol	*	10-157		**73.0**	%REC	1	08/18/2021 15:42	180891
Surr: Nitrobenzene-d5	*	15-163		**73.5**	%REC	1	08/18/2021 15:42	180891
Surr: Phenol-d5	*	10-162		**57.6**	%REC	1	08/18/2021 15:42	180891
Surr: p-Terphenyl-d14	*	10-173		**107.1**	%REC	1	08/18/2021 15:42	180891
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**24.2**	µg/L	1	08/13/2021 16:41	180777
Bromoform	NELAP	2.00		**ND**	µg/L	1	08/13/2021 16:41	180777
Ethylbenzene	NELAP	1.00		**37.9**	µg/L	1	08/13/2021 16:41	180777
m,p-Xylenes	NELAP	1.00		**16.4**	µg/L	1	08/13/2021 16:41	180777
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	08/13/2021 16:41	180777
Naphthalene	NELAP	20.0		**511**	µg/L	10	08/16/2021 13:36	180866
o-Xylene	NELAP	1.00		**38.0**	µg/L	1	08/13/2021 16:41	180777
Toluene	NELAP	2.00		**4.37**	µg/L	1	08/13/2021 16:41	180777
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	08/13/2021 16:41	180777
Xylenes, Total	NELAP	2.00		**54.4**	µg/L	1	08/13/2021 16:41	180777
Surr: 1,2-Dichloroethane-d4	*	80-120		**100.8**	%REC	1	08/13/2021 16:41	180777
Surr: 4-Bromofluorobenzene	*	80-120		**99.0**	%REC	1	08/13/2021 16:41	180777
Surr: Dibromofluoromethane	*	80-120		**99.3**	%REC	1	08/13/2021 16:41	180777
Surr: Toluene-d8	*	80-120		**99.4**	%REC	1	08/13/2021 16:41	180777

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 21080830
Client Project: Ameren Taylorville 3rd Qtr 2021
Report Date: 20-Aug-21
Lab ID: 21080830-004
Client Sample ID: GW-04R
Matrix: GROUNDWATER
Collection Date: 08/12/2021 13:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.00250		**0.0220**	mg/L	25	08/19/2021 16:54	180950
Acenaphthylene	NELAP	0.00250		**0.00618**	mg/L	25	08/19/2021 16:54	180950
Anthracene	NELAP	0.000300		**0.000745**	mg/L	1	08/19/2021 12:14	180950
Benzo(a)anthracene	NELAP	0.000100		**0.000158**	mg/L	1	08/19/2021 12:14	180950
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	08/19/2021 12:14	180950
Benzo(b)fluoranthene	NELAP	0.000100		**0.000125**	mg/L	1	08/19/2021 12:14	180950
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	08/19/2021 12:14	180950
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	08/19/2021 12:14	180950
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	08/19/2021 12:14	180950
Chrysene	NELAP	0.000100		**0.000491**	mg/L	1	08/19/2021 12:14	180950
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	08/19/2021 12:14	180950
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	08/19/2021 12:14	180950
Fluoranthene	NELAP	0.000300		**0.00379**	mg/L	1	08/19/2021 12:14	180950
Fluorene	NELAP	0.00500		**0.0689**	mg/L	25	08/19/2021 16:54	180950
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	08/19/2021 12:14	180950
m,p-Cresol	NELAP	0.010	J	**0.0070**	mg/L	1	08/19/2021 12:14	180950
Naphthalene	NELAP	0.400		**1.62**	mg/L	1000	08/19/2021 16:14	180950
o-Cresol	NELAP	0.010	J	**0.0095**	mg/L	1	08/19/2021 12:14	180950
Phenanthrene	NELAP	0.0150		**0.0562**	mg/L	25	08/19/2021 16:54	180950
Pyrene	NELAP	0.000200		**0.00184**	mg/L	1	08/19/2021 12:14	180950
Surr: 2,4,6-Tribromophenol	*	10-179		**90.4**	%REC	1	08/19/2021 12:14	180950
Surr: 2-Fluorobiphenyl	*	21.4-142		**102.2**	%REC	1	08/19/2021 12:14	180950
Surr: 2-Fluorophenol	*	10-157		**74.4**	%REC	1	08/19/2021 12:14	180950
Surr: Nitrobenzene-d5	*	15-163		**86.9**	%REC	1	08/19/2021 12:14	180950
Surr: Phenol-d5	*	10-162		**61.0**	%REC	1	08/19/2021 12:14	180950
Surr: p-Terphenyl-d14	*	10-173		**103.9**	%REC	1	08/19/2021 12:14	180950
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	25.0		**652**	µg/L	50	08/13/2021 18:28	180777
Bromoform	NELAP	100		**ND**	µg/L	50	08/13/2021 18:28	180777
Ethylbenzene	NELAP	50.0		**235**	µg/L	50	08/13/2021 18:28	180777
m,p-Xylenes	NELAP	50.0		**135**	µg/L	50	08/13/2021 18:28	180777
Methylene chloride	NELAP	100		**ND**	µg/L	50	08/13/2021 18:28	180777
Naphthalene	NELAP	100		**3020**	µg/L	50	08/13/2021 18:28	180777
o-Xylene	NELAP	50.0		**108**	µg/L	50	08/13/2021 18:28	180777
Toluene	NELAP	100		**256**	µg/L	50	08/13/2021 18:28	180777
trans-1,2-Dichloroethene	NELAP	100		**ND**	µg/L	50	08/13/2021 18:28	180777
Xylenes, Total	NELAP	100		**243**	µg/L	50	08/13/2021 18:28	180777
Surr: 1,2-Dichloroethane-d4	*	80-120		**103.3**	%REC	50	08/13/2021 18:28	180777
Surr: 4-Bromofluorobenzene	*	80-120		**100.0**	%REC	50	08/13/2021 18:28	180777
Surr: Dibromofluoromethane	*	80-120		**98.9**	%REC	50	08/13/2021 18:28	180777
Surr: Toluene-d8	*	80-120		**99.3**	%REC	50	08/13/2021 18:28	180777

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

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 21080830
Client Project: Ameren Taylorville 3rd Qtr 2021
Report Date: 20-Aug-21
Lab ID: 21080830-005
Client Sample ID: GW-05
Matrix: GROUNDWATER
Collection Date: 08/12/2021 8:05

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	08/19/2021 12:54	180950
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	08/19/2021 12:54	180950
Anthracene	NELAP	0.000300		**ND**	mg/L	1	08/19/2021 12:54	180950
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	08/19/2021 12:54	180950
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	08/19/2021 12:54	180950
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	08/19/2021 12:54	180950
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	08/19/2021 12:54	180950
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	08/19/2021 12:54	180950
Bis(2-ethylhexyl)phthalate	NELAP	0.00400		**0.00627**	mg/L	2	08/19/2021 16:25	180950
Chrysene	NELAP	0.000100		**ND**	mg/L	1	08/19/2021 12:54	180950
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	08/19/2021 12:54	180950
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	08/19/2021 12:54	180950
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	08/19/2021 12:54	180950
Fluorene	NELAP	0.000200		**ND**	mg/L	1	08/19/2021 12:54	180950
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	08/19/2021 12:54	180950
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/19/2021 12:54	180950
Naphthalene	NELAP	0.000400		**0.00194**	mg/L	1	08/19/2021 12:54	180950
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/19/2021 12:54	180950
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	08/19/2021 12:54	180950
Pyrene	NELAP	0.000200		**ND**	mg/L	1	08/19/2021 12:54	180950
Surr: 2,4,6-Tribromophenol	*	10-179		**107.9**	%REC	1	08/19/2021 12:54	180950
Surr: 2-Fluorobiphenyl	*	21.4-142		**69.2**	%REC	1	08/19/2021 12:54	180950
Surr: 2-Fluorophenol	*	10-157		**63.7**	%REC	1	08/19/2021 12:54	180950
Surr: Nitrobenzene-d5	*	15-163		**77.1**	%REC	1	08/19/2021 12:54	180950
Surr: Phenol-d5	*	10-162		**54.2**	%REC	1	08/19/2021 12:54	180950
Surr: p-Terphenyl-d14	*	10-173		**102.2**	%REC	1	08/19/2021 12:54	180950
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	08/13/2021 17:08	180777
Bromoform	NELAP	2.00		**ND**	µg/L	1	08/13/2021 17:08	180777
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	08/13/2021 17:08	180777
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	08/13/2021 17:08	180777
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	08/13/2021 17:08	180777
Naphthalene	NELAP	2.00		**ND**	µg/L	1	08/16/2021 11:22	180866
o-Xylene	NELAP	1.00		**ND**	µg/L	1	08/13/2021 17:08	180777
Toluene	NELAP	2.00		**ND**	µg/L	1	08/13/2021 17:08	180777
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	08/13/2021 17:08	180777
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	08/13/2021 17:08	180777
Surr: 1,2-Dichloroethane-d4	*	80-120		**101.9**	%REC	1	08/13/2021 17:08	180777
Surr: 4-Bromofluorobenzene	*	80-120		**100.7**	%REC	1	08/13/2021 17:08	180777
Surr: Dibromofluoromethane	*	80-120		**99.5**	%REC	1	08/13/2021 17:08	180777
Surr: Toluene-d8	*	80-120		**99.2**	%REC	1	08/13/2021 17:08	180777

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 21080830
Client Project: Ameren Taylorville 3rd Qtr 2021
Report Date: 20-Aug-21
Lab ID: 21080830-006
Client Sample ID: GW-07
Matrix: GROUNDWATER
Collection Date: 08/12/2021 10:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.00010	J	**0.000079**	mg/L	1	08/19/2021 13:33	180950
Acenaphthylene	NELAP	0.000100		**0.000137**	mg/L	1	08/19/2021 13:33	180950
Anthracene	NELAP	0.000300		**0.00124**	mg/L	1	08/19/2021 13:33	180950
Benzo(a)anthracene	NELAP	0.000100		**0.000186**	mg/L	1	08/19/2021 13:33	180950
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	08/19/2021 13:33	180950
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	08/19/2021 13:33	180950
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	08/19/2021 13:33	180950
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	08/19/2021 13:33	180950
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**0.00233**	mg/L	1	08/19/2021 13:33	180950
Chrysene	NELAP	0.000100		**0.000122**	mg/L	1	08/19/2021 13:33	180950
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	08/19/2021 13:33	180950
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	08/19/2021 13:33	180950
Fluoranthene	NELAP	0.000300		**0.00146**	mg/L	1	08/19/2021 13:33	180950
Fluorene	NELAP	0.000200		**0.000305**	mg/L	1	08/19/2021 13:33	180950
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	08/19/2021 13:33	180950
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/19/2021 13:33	180950
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	08/19/2021 13:33	180950
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/19/2021 13:33	180950
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	08/19/2021 13:33	180950
Pyrene	NELAP	0.000200		**0.00233**	mg/L	1	08/19/2021 13:33	180950
Surr: 2,4,6-Tribromophenol	*	10-179		**106.9**	%REC	1	08/19/2021 13:33	180950
Surr: 2-Fluorobiphenyl	*	21.4-142		**67.6**	%REC	1	08/19/2021 13:33	180950
Surr: 2-Fluorophenol	*	10-157		**70.8**	%REC	1	08/19/2021 13:33	180950
Surr: Nitrobenzene-d5	*	15-163		**81.5**	%REC	1	08/19/2021 13:33	180950
Surr: Phenol-d5	*	10-162		**54.8**	%REC	1	08/19/2021 13:33	180950
Surr: p-Terphenyl-d14	*	10-173		**102.2**	%REC	1	08/19/2021 13:33	180950
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	08/13/2021 17:34	180777
Bromoform	NELAP	2.00		**ND**	µg/L	1	08/13/2021 17:34	180777
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	08/13/2021 17:34	180777
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	08/13/2021 17:34	180777
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	08/13/2021 17:34	180777
Naphthalene	NELAP	2.00		**ND**	µg/L	1	08/16/2021 11:49	180866
o-Xylene	NELAP	1.00		**ND**	µg/L	1	08/13/2021 17:34	180777
Toluene	NELAP	2.00		**ND**	µg/L	1	08/13/2021 17:34	180777
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	08/13/2021 17:34	180777
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	08/13/2021 17:34	180777
Surr: 1,2-Dichloroethane-d4	*	80-120		**100.5**	%REC	1	08/13/2021 17:34	180777
Surr: 4-Bromofluorobenzene	*	80-120		**98.3**	%REC	1	08/13/2021 17:34	180777
Surr: Dibromofluoromethane	*	80-120		**100.2**	%REC	1	08/13/2021 17:34	180777
Surr: Toluene-d8	*	80-120		**99.8**	%REC	1	08/13/2021 17:34	180777

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 21080830
Client Project: Ameren Taylorville 3rd Qtr 2021
Report Date: 20-Aug-21
Lab ID: 21080830-007
Client Sample ID: GW-14
Matrix: GROUNDWATER
Collection Date: 08/12/2021 9:15

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	08/19/2021 13:56	180950
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	08/19/2021 13:56	180950
Anthracene	NELAP	0.000300		**ND**	mg/L	1	08/19/2021 13:56	180950
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	08/19/2021 13:56	180950
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	08/19/2021 13:56	180950
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	08/19/2021 13:56	180950
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	08/19/2021 13:56	180950
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	08/19/2021 13:56	180950
Bis(2-ethylhexyl)phthalate	NELAP	0.0100		**0.0139**	mg/L	5	08/20/2021 12:08	180950
Chrysene	NELAP	0.000100		**ND**	mg/L	1	08/19/2021 13:56	180950
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	08/19/2021 13:56	180950
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	08/19/2021 13:56	180950
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	08/19/2021 13:56	180950
Fluorene	NELAP	0.000200		**ND**	mg/L	1	08/19/2021 13:56	180950
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	08/19/2021 13:56	180950
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/19/2021 13:56	180950
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	08/19/2021 13:56	180950
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/19/2021 13:56	180950
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	08/19/2021 13:56	180950
Pyrene	NELAP	0.000200		**ND**	mg/L	1	08/19/2021 13:56	180950
Surr: 2,4,6-Tribromophenol	*	10-179		**90.9**	%REC	1	08/19/2021 13:56	180950
Surr: 2-Fluorobiphenyl	*	21.4-142		**67.8**	%REC	1	08/19/2021 13:56	180950
Surr: 2-Fluorophenol	*	10-157		**65.0**	%REC	1	08/19/2021 13:56	180950
Surr: Nitrobenzene-d5	*	15-163		**64.8**	%REC	1	08/19/2021 13:56	180950
Surr: Phenol-d5	*	10-162		**61.6**	%REC	1	08/19/2021 13:56	180950
Surr: p-Terphenyl-d14	*	10-173		**95.2**	%REC	1	08/19/2021 13:56	180950
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	08/13/2021 18:01	180777
Bromoform	NELAP	2.00		**ND**	µg/L	1	08/13/2021 18:01	180777
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	08/13/2021 18:01	180777
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	08/13/2021 18:01	180777
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	08/13/2021 18:01	180777
Naphthalene	NELAP	2.00		**ND**	µg/L	1	08/16/2021 12:16	180866
o-Xylene	NELAP	1.00		**ND**	µg/L	1	08/13/2021 18:01	180777
Toluene	NELAP	2.00		**ND**	µg/L	1	08/13/2021 18:01	180777
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	08/13/2021 18:01	180777
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	08/13/2021 18:01	180777
Surr: 1,2-Dichloroethane-d4	*	80-120		**101.3**	%REC	1	08/13/2021 18:01	180777
Surr: 4-Bromofluorobenzene	*	80-120		**99.2**	%REC	1	08/13/2021 18:01	180777
Surr: Dibromofluoromethane	*	80-120		**100.1**	%REC	1	08/13/2021 18:01	180777
Surr: Toluene-d8	*	80-120		**99.1**	%REC	1	08/13/2021 18:01	180777

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 21080830
Client Project: Ameren Taylorville 3rd Qtr 2021
Report Date: 20-Aug-21
Lab ID: 21080830-008
Client Sample ID: GW-15
Matrix: GROUNDWATER
Collection Date: 08/12/2021 13:30

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	08/19/2021 14:33	180950
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	08/19/2021 14:33	180950
Anthracene	NELAP	0.000300		**ND**	mg/L	1	08/19/2021 14:33	180950
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	08/19/2021 14:33	180950
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	08/19/2021 14:33	180950
Benzo(b)fluoranthene	NELAP	0.00010	J	**0.000075**	mg/L	1	08/19/2021 14:33	180950
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	08/19/2021 14:33	180950
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	08/19/2021 14:33	180950
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	08/19/2021 14:33	180950
Chrysene	NELAP	0.000100		**ND**	mg/L	1	08/19/2021 14:33	180950
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	08/19/2021 14:33	180950
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	08/19/2021 14:33	180950
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	08/19/2021 14:33	180950
Fluorene	NELAP	0.000200		**ND**	mg/L	1	08/19/2021 14:33	180950
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	08/19/2021 14:33	180950
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/19/2021 14:33	180950
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	08/19/2021 14:33	180950
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/19/2021 14:33	180950
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	08/19/2021 14:33	180950
Pyrene	NELAP	0.000200		**ND**	mg/L	1	08/19/2021 14:33	180950
Surr: 2,4,6-Tribromophenol	*	10-179		**95.3**	%REC	1	08/19/2021 14:33	180950
Surr: 2-Fluorobiphenyl	*	21.4-142		**65.5**	%REC	1	08/19/2021 14:33	180950
Surr: 2-Fluorophenol	*	10-157		**59.0**	%REC	1	08/19/2021 14:33	180950
Surr: Nitrobenzene-d5	*	15-163		**60.0**	%REC	1	08/19/2021 14:33	180950
Surr: Phenol-d5	*	10-162		**55.9**	%REC	1	08/19/2021 14:33	180950
Surr: p-Terphenyl-d14	*	10-173		**96.8**	%REC	1	08/19/2021 14:33	180950
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	08/13/2021 23:22	180824
Bromoform	NELAP	2.00		**ND**	µg/L	1	08/13/2021 23:22	180824
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	08/13/2021 23:22	180824
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	08/13/2021 23:22	180824
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	08/13/2021 23:22	180824
Naphthalene	NELAP	2.00		**ND**	µg/L	1	08/13/2021 23:22	180824
o-Xylene	NELAP	1.00		**ND**	µg/L	1	08/13/2021 23:22	180824
Toluene	NELAP	2.00		**ND**	µg/L	1	08/13/2021 23:22	180824
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	08/13/2021 23:22	180824
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	08/13/2021 23:22	180824
Surr: 1,2-Dichloroethane-d4	*	80-120		**100.4**	%REC	1	08/13/2021 23:22	180824
Surr: 4-Bromofluorobenzene	*	80-120		**100.5**	%REC	1	08/13/2021 23:22	180824
Surr: Dibromofluoromethane	*	80-120		**99.9**	%REC	1	08/13/2021 23:22	180824
Surr: Toluene-d8	*	80-120		**100.0**	%REC	1	08/13/2021 23:22	180824

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 21080830
Client Project: Ameren Taylorville 3rd Qtr 2021
Report Date: 20-Aug-21
Lab ID: 21080830-009
Client Sample ID: GW-16S
Matrix: GROUNDWATER
Collection Date: 08/10/2021 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	08/18/2021 12:32	180891
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 12:32	180891
Anthracene	NELAP	0.000300		**ND**	mg/L	1	08/18/2021 12:32	180891
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 12:32	180891
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 12:32	180891
Benzo(b)fluoranthene	NELAP	0.00010	J	**0.000076**	mg/L	1	08/18/2021 12:32	180891
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 12:32	180891
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 12:32	180891
Bis(2-ethylhexyl)phthalate	NELAP	0.00400		**0.00680**	mg/L	2	08/18/2021 15:37	180891
Chrysene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 12:32	180891
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 12:32	180891
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	08/18/2021 12:32	180891
Fluoranthene	NELAP	0.000300		**0.000570**	mg/L	1	08/18/2021 12:32	180891
Fluorene	NELAP	0.000200		**0.000992**	mg/L	1	08/18/2021 12:32	180891
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 12:32	180891
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/18/2021 12:32	180891
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	08/18/2021 12:32	180891
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/18/2021 12:32	180891
Phenanthrene	NELAP	0.000600		**0.00255**	mg/L	1	08/18/2021 12:32	180891
Pyrene	NELAP	0.000200		**0.000486**	mg/L	1	08/18/2021 12:32	180891
Surr: 2,4,6-Tribromophenol	*	10-179		**134.9**	%REC	1	08/18/2021 12:32	180891
Surr: 2-Fluorobiphenyl	*	21.4-142		**83.9**	%REC	1	08/18/2021 12:32	180891
Surr: 2-Fluorophenol	*	10-157		**73.2**	%REC	1	08/18/2021 12:32	180891
Surr: Nitrobenzene-d5	*	15-163		**78.1**	%REC	1	08/18/2021 12:32	180891
Surr: Phenol-d5	*	10-162		**66.4**	%REC	1	08/18/2021 12:32	180891
Surr: p-Terphenyl-d14	*	10-173		**108.2**	%REC	1	08/18/2021 12:32	180891
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	08/13/2021 23:49	180824
Bromoform	NELAP	2.00		**ND**	µg/L	1	08/13/2021 23:49	180824
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	08/13/2021 23:49	180824
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	08/13/2021 23:49	180824
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	08/13/2021 23:49	180824
Naphthalene	NELAP	2.00		**ND**	µg/L	1	08/13/2021 23:49	180824
o-Xylene	NELAP	1.00		**ND**	µg/L	1	08/13/2021 23:49	180824
Toluene	NELAP	2.00		**ND**	µg/L	1	08/13/2021 23:49	180824
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	08/13/2021 23:49	180824
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	08/13/2021 23:49	180824
Surr: 1,2-Dichloroethane-d4	*	80-120		**102.4**	%REC	1	08/13/2021 23:49	180824
Surr: 4-Bromofluorobenzene	*	80-120		**100.2**	%REC	1	08/13/2021 23:49	180824
Surr: Dibromofluoromethane	*	80-120		**100.5**	%REC	1	08/13/2021 23:49	180824
Surr: Toluene-d8	*	80-120		**99.1**	%REC	1	08/13/2021 23:49	180824

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 21080830
Client Project: Ameren Taylorville 3rd Qtr 2021
Report Date: 20-Aug-21
Lab ID: 21080830-010
Client Sample ID: GW-16D
Matrix: GROUNDWATER
Collection Date: 08/10/2021 16:00

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	08/18/2021 13:09	180891
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 13:09	180891
Anthracene	NELAP	0.000300		**ND**	mg/L	1	08/18/2021 13:09	180891
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 13:09	180891
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 13:09	180891
Benzo(b)fluoranthene	NELAP	0.00010	J	**0.000076**	mg/L	1	08/18/2021 13:09	180891
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 13:09	180891
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 13:09	180891
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**0.00206**	mg/L	1	08/18/2021 13:09	180891
Chrysene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 13:09	180891
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 13:09	180891
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	08/18/2021 13:09	180891
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	08/18/2021 13:09	180891
Fluorene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 13:09	180891
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 13:09	180891
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/18/2021 13:09	180891
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	08/18/2021 13:09	180891
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/18/2021 13:09	180891
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	08/18/2021 13:09	180891
Pyrene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 13:09	180891
Surr: 2,4,6-Tribromophenol	*	10-179		**102.1**	%REC	1	08/18/2021 13:09	180891
Surr: 2-Fluorobiphenyl	*	21.4-142		**73.8**	%REC	1	08/18/2021 13:09	180891
Surr: 2-Fluorophenol	*	10-157		**68.8**	%REC	1	08/18/2021 13:09	180891
Surr: Nitrobenzene-d5	*	15-163		**70.9**	%REC	1	08/18/2021 13:09	180891
Surr: Phenol-d5	*	10-162		**63.6**	%REC	1	08/18/2021 13:09	180891
Surr: p-Terphenyl-d14	*	10-173		**101.1**	%REC	1	08/18/2021 13:09	180891
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50	J	**0.15**	µg/L	1	08/14/2021 0:15	180824
Bromoform	NELAP	2.00		**ND**	µg/L	1	08/14/2021 0:15	180824
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	08/14/2021 0:15	180824
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	08/14/2021 0:15	180824
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	08/14/2021 0:15	180824
Naphthalene	NELAP	2.00		**ND**	µg/L	1	08/14/2021 0:15	180824
o-Xylene	NELAP	1.00		**ND**	µg/L	1	08/14/2021 0:15	180824
Toluene	NELAP	2.00		**ND**	µg/L	1	08/14/2021 0:15	180824
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	08/14/2021 0:15	180824
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	08/14/2021 0:15	180824
Surr: 1,2-Dichloroethane-d4	*	80-120		**101.1**	%REC	1	08/14/2021 0:15	180824
Surr: 4-Bromofluorobenzene	*	80-120		**99.4**	%REC	1	08/14/2021 0:15	180824
Surr: Dibromofluoromethane	*	80-120		**99.0**	%REC	1	08/14/2021 0:15	180824
Surr: Toluene-d8	*	80-120		**98.4**	%REC	1	08/14/2021 0:15	180824

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 21080830
Client Project: Ameren Taylorville 3rd Qtr 2021
Report Date: 20-Aug-21
Lab ID: 21080830-011
Client Sample ID: GW-17
Matrix: GROUNDWATER
Collection Date: 08/10/2021 17:05

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	08/18/2021 11:18	180891
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 11:18	180891
Anthracene	NELAP	0.000300		**ND**	mg/L	1	08/18/2021 11:18	180891
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 11:18	180891
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 11:18	180891
Benzo(b)fluoranthene	NELAP	0.00010	J	**0.000074**	mg/L	1	08/18/2021 11:18	180891
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 11:18	180891
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 11:18	180891
Bis(2-ethylhexyl)phthalate	NELAP	0.00400		**0.00739**	mg/L	2	08/18/2021 15:00	180891
Chrysene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 11:18	180891
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 11:18	180891
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	08/18/2021 11:18	180891
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	08/18/2021 11:18	180891
Fluorene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 11:18	180891
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 11:18	180891
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/18/2021 11:18	180891
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	08/18/2021 11:18	180891
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/18/2021 11:18	180891
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	08/18/2021 11:18	180891
Pyrene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 11:18	180891
Surr: 2,4,6-Tribromophenol	*	10-179		**92.4**	%REC	1	08/18/2021 11:18	180891
Surr: 2-Fluorobiphenyl	*	21.4-142		**69.2**	%REC	1	08/18/2021 11:18	180891
Surr: 2-Fluorophenol	*	10-157		**65.1**	%REC	1	08/18/2021 11:18	180891
Surr: Nitrobenzene-d5	*	15-163		**66.6**	%REC	1	08/18/2021 11:18	180891
Surr: Phenol-d5	*	10-162		**59.4**	%REC	1	08/18/2021 11:18	180891
Surr: p-Terphenyl-d14	*	10-173		**98.2**	%REC	1	08/18/2021 11:18	180891
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	08/14/2021 0:42	180824
Bromoform	NELAP	2.00		**ND**	µg/L	1	08/14/2021 0:42	180824
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	08/14/2021 0:42	180824
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	08/14/2021 0:42	180824
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	08/14/2021 0:42	180824
Naphthalene	NELAP	2.00		**ND**	µg/L	1	08/14/2021 0:42	180824
o-Xylene	NELAP	1.00		**ND**	µg/L	1	08/14/2021 0:42	180824
Toluene	NELAP	2.00		**ND**	µg/L	1	08/14/2021 0:42	180824
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	08/14/2021 0:42	180824
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	08/14/2021 0:42	180824
Surr: 1,2-Dichloroethane-d4	*	80-120		**101.2**	%REC	1	08/14/2021 0:42	180824
Surr: 4-Bromofluorobenzene	*	80-120		**98.5**	%REC	1	08/14/2021 0:42	180824
Surr: Dibromofluoromethane	*	80-120		**100.5**	%REC	1	08/14/2021 0:42	180824
Surr: Toluene-d8	*	80-120		**98.8**	%REC	1	08/14/2021 0:42	180824

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 21080830
Client Project: Ameren Taylorville 3rd Qtr 2021
Report Date: 20-Aug-21
Lab ID: 21080830-012
Client Sample ID: GW-18S
Matrix: GROUNDWATER
Collection Date: 08/11/2021 15:55

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	08/18/2021 11:55	180891
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 11:55	180891
Anthracene	NELAP	0.000300		**ND**	mg/L	1	08/18/2021 11:55	180891
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 11:55	180891
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 11:55	180891
Benzo(b)fluoranthene	NELAP	0.00010	J	**0.000071**	mg/L	1	08/18/2021 11:55	180891
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 11:55	180891
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 11:55	180891
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	08/18/2021 11:55	180891
Chrysene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 11:55	180891
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 11:55	180891
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	08/18/2021 11:55	180891
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	08/18/2021 11:55	180891
Fluorene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 11:55	180891
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 11:55	180891
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/18/2021 11:55	180891
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	08/18/2021 11:55	180891
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/18/2021 11:55	180891
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	08/18/2021 11:55	180891
Pyrene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 11:55	180891
Surr: 2,4,6-Tribromophenol	*	10-179		**122.7**	%REC	1	08/18/2021 11:55	180891
Surr: 2-Fluorobiphenyl	*	21.4-142		**78.4**	%REC	1	08/18/2021 11:55	180891
Surr: 2-Fluorophenol	*	10-157		**70.7**	%REC	1	08/18/2021 11:55	180891
Surr: Nitrobenzene-d5	*	15-163		**73.6**	%REC	1	08/18/2021 11:55	180891
Surr: Phenol-d5	*	10-162		**65.6**	%REC	1	08/18/2021 11:55	180891
Surr: p-Terphenyl-d14	*	10-173		**113.6**	%REC	1	08/18/2021 11:55	180891
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	08/14/2021 1:09	180824
Bromoform	NELAP	2.00		**ND**	µg/L	1	08/14/2021 1:09	180824
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	08/14/2021 1:09	180824
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	08/14/2021 1:09	180824
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	08/14/2021 1:09	180824
Naphthalene	NELAP	2.00		**ND**	µg/L	1	08/14/2021 1:09	180824
o-Xylene	NELAP	1.00		**ND**	µg/L	1	08/14/2021 1:09	180824
Toluene	NELAP	2.00		**ND**	µg/L	1	08/14/2021 1:09	180824
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	08/14/2021 1:09	180824
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	08/14/2021 1:09	180824
Surr: 1,2-Dichloroethane-d4	*	80-120		**102.7**	%REC	1	08/14/2021 1:09	180824
Surr: 4-Bromofluorobenzene	*	80-120		**98.8**	%REC	1	08/14/2021 1:09	180824
Surr: Dibromofluoromethane	*	80-120		**99.0**	%REC	1	08/14/2021 1:09	180824
Surr: Toluene-d8	*	80-120		**99.4**	%REC	1	08/14/2021 1:09	180824

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 21080830
Client Project: Ameren Taylorville 3rd Qtr 2021
Report Date: 20-Aug-21
Lab ID: 21080830-013
Client Sample ID: GW-18D
Matrix: GROUNDWATER
Collection Date: 08/11/2021 17:05

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	08/18/2021 17:23	180891
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 17:23	180891
Anthracene	NELAP	0.000300		**ND**	mg/L	1	08/18/2021 17:23	180891
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 17:23	180891
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 17:23	180891
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 17:23	180891
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 17:23	180891
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 17:23	180891
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	08/18/2021 17:23	180891
Chrysene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 17:23	180891
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 17:23	180891
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	08/18/2021 17:23	180891
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	08/18/2021 17:23	180891
Fluorene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 17:23	180891
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 17:23	180891
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/18/2021 17:23	180891
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	08/18/2021 17:23	180891
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/18/2021 17:23	180891
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	08/18/2021 17:23	180891
Pyrene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 17:23	180891
Surr: 2,4,6-Tribromophenol	*	10-179		**168.7**	%REC	1	08/18/2021 17:23	180891
Surr: 2-Fluorobiphenyl	*	21.4-142		**43.2**	%REC	1	08/18/2021 17:23	180891
Surr: 2-Fluorophenol	*	10-157		**53.0**	%REC	1	08/18/2021 17:23	180891
Surr: Nitrobenzene-d5	*	15-163		**48.7**	%REC	1	08/18/2021 17:23	180891
Surr: Phenol-d5	*	10-162		**44.8**	%REC	1	08/18/2021 17:23	180891
Surr: p-Terphenyl-d14	*	10-173		**86.2**	%REC	1	08/18/2021 17:23	180891
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	08/14/2021 1:36	180824
Bromoform	NELAP	2.00		**ND**	µg/L	1	08/14/2021 1:36	180824
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	08/14/2021 1:36	180824
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	08/14/2021 1:36	180824
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	08/14/2021 1:36	180824
Naphthalene	NELAP	2.00		**ND**	µg/L	1	08/14/2021 1:36	180824
o-Xylene	NELAP	1.00		**ND**	µg/L	1	08/14/2021 1:36	180824
Toluene	NELAP	2.00		**ND**	µg/L	1	08/14/2021 1:36	180824
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	08/14/2021 1:36	180824
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	08/14/2021 1:36	180824
Surr: 1,2-Dichloroethane-d4	*	80-120		**100.7**	%REC	1	08/14/2021 1:36	180824
Surr: 4-Bromofluorobenzene	*	80-120		**102.8**	%REC	1	08/14/2021 1:36	180824
Surr: Dibromofluoromethane	*	80-120		**99.4**	%REC	1	08/14/2021 1:36	180824
Surr: Toluene-d8	*	80-120		**100.2**	%REC	1	08/14/2021 1:36	180824

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 21080830
Client Project: Ameren Taylorville 3rd Qtr 2021
Report Date: 20-Aug-21
Lab ID: 21080830-014
Client Sample ID: GW-19S
Matrix: GROUNDWATER
Collection Date: 08/11/2021 14:40

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	08/18/2021 18:03	180891
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 18:03	180891
Anthracene	NELAP	0.000300		**ND**	mg/L	1	08/18/2021 18:03	180891
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 18:03	180891
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 18:03	180891
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 18:03	180891
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 18:03	180891
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 18:03	180891
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	08/18/2021 18:03	180891
Chrysene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 18:03	180891
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 18:03	180891
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	08/18/2021 18:03	180891
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	08/18/2021 18:03	180891
Fluorene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 18:03	180891
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 18:03	180891
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/18/2021 18:03	180891
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	08/18/2021 18:03	180891
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/18/2021 18:03	180891
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	08/18/2021 18:03	180891
Pyrene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 18:03	180891
Surr: 2,4,6-Tribromophenol	*	10-179		**156.1**	%REC	1	08/18/2021 18:03	180891
Surr: 2-Fluorobiphenyl	*	21.4-142		**63.5**	%REC	1	08/18/2021 18:03	180891
Surr: 2-Fluorophenol	*	10-157		**66.4**	%REC	1	08/18/2021 18:03	180891
Surr: Nitrobenzene-d5	*	15-163		**69.4**	%REC	1	08/18/2021 18:03	180891
Surr: Phenol-d5	*	10-162		**51.3**	%REC	1	08/18/2021 18:03	180891
Surr: p-Terphenyl-d14	*	10-173		**83.6**	%REC	1	08/18/2021 18:03	180891
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	08/14/2021 2:02	180824
Bromoform	NELAP	2.00		**ND**	µg/L	1	08/14/2021 2:02	180824
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	08/14/2021 2:02	180824
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	08/14/2021 2:02	180824
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	08/14/2021 2:02	180824
Naphthalene	NELAP	2.00		**ND**	µg/L	1	08/14/2021 2:02	180824
o-Xylene	NELAP	1.00		**ND**	µg/L	1	08/14/2021 2:02	180824
Toluene	NELAP	2.00		**ND**	µg/L	1	08/14/2021 2:02	180824
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	08/14/2021 2:02	180824
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	08/14/2021 2:02	180824
Surr: 1,2-Dichloroethane-d4	*	80-120		**100.7**	%REC	1	08/14/2021 2:02	180824
Surr: 4-Bromofluorobenzene	*	80-120		**100.5**	%REC	1	08/14/2021 2:02	180824
Surr: Dibromofluoromethane	*	80-120		**98.2**	%REC	1	08/14/2021 2:02	180824
Surr: Toluene-d8	*	80-120		**100.1**	%REC	1	08/14/2021 2:02	180824

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 21080830
Client Project: Ameren Taylorville 3rd Qtr 2021
Report Date: 20-Aug-21
Lab ID: 21080830-015
Client Sample ID: GW-19D
Matrix: GROUNDWATER
Collection Date: 08/11/2021 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	08/18/2021 18:43	180891
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 18:43	180891
Anthracene	NELAP	0.000300		**ND**	mg/L	1	08/18/2021 18:43	180891
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 18:43	180891
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 18:43	180891
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 18:43	180891
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 18:43	180891
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 18:43	180891
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	08/18/2021 18:43	180891
Chrysene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 18:43	180891
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 18:43	180891
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	08/18/2021 18:43	180891
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	08/18/2021 18:43	180891
Fluorene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 18:43	180891
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 18:43	180891
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/18/2021 18:43	180891
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	08/18/2021 18:43	180891
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/18/2021 18:43	180891
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	08/18/2021 18:43	180891
Pyrene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 18:43	180891
Surr: 2,4,6-Tribromophenol	*	10-179		**169.6**	%REC	1	08/18/2021 18:43	180891
Surr: 2-Fluorobiphenyl	*	21.4-142		**74.7**	%REC	1	08/18/2021 18:43	180891
Surr: 2-Fluorophenol	*	10-157		**68.8**	%REC	1	08/18/2021 18:43	180891
Surr: Nitrobenzene-d5	*	15-163		**78.8**	%REC	1	08/18/2021 18:43	180891
Surr: Phenol-d5	*	10-162		**55.2**	%REC	1	08/18/2021 18:43	180891
Surr: p-Terphenyl-d14	*	10-173		**111.1**	%REC	1	08/18/2021 18:43	180891
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	08/14/2021 2:29	180824
Bromoform	NELAP	2.00		**ND**	µg/L	1	08/14/2021 2:29	180824
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	08/14/2021 2:29	180824
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	08/14/2021 2:29	180824
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	08/14/2021 2:29	180824
Naphthalene	NELAP	2.00		**ND**	µg/L	1	08/14/2021 2:29	180824
o-Xylene	NELAP	1.00		**ND**	µg/L	1	08/14/2021 2:29	180824
Toluene	NELAP	2.00		**ND**	µg/L	1	08/14/2021 2:29	180824
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	08/14/2021 2:29	180824
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	08/14/2021 2:29	180824
Surr: 1,2-Dichloroethane-d4	*	80-120		**102.2**	%REC	1	08/14/2021 2:29	180824
Surr: 4-Bromofluorobenzene	*	80-120		**101.1**	%REC	1	08/14/2021 2:29	180824
Surr: Dibromofluoromethane	*	80-120		**99.1**	%REC	1	08/14/2021 2:29	180824
Surr: Toluene-d8	*	80-120		**99.2**	%REC	1	08/14/2021 2:29	180824

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 21080830
Client Project: Ameren Taylorville 3rd Qtr 2021
Report Date: 20-Aug-21
Lab ID: 21080830-016
Client Sample ID: GW-20
Matrix: GROUNDWATER
Collection Date: 08/11/2021 8:25

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	08/18/2021 19:23	180891
Acenaphthylene	NELAP	0.000100		**0.000498**	mg/L	1	08/18/2021 19:23	180891
Anthracene	NELAP	0.000300		**ND**	mg/L	1	08/18/2021 19:23	180891
Benzo(a)anthracene	NELAP	0.000100		**0.000565**	mg/L	1	08/18/2021 19:23	180891
Benzo(a)pyrene	NELAP	0.000200		**0.00193**	mg/L	1	08/18/2021 19:23	180891
Benzo(b)fluoranthene	NELAP	0.000100		**0.00173**	mg/L	1	08/18/2021 19:23	180891
Benzo(g,h,i)perylene	NELAP	0.000200		**0.00203**	mg/L	1	08/18/2021 19:23	180891
Benzo(k)fluoranthene	NELAP	0.000100		**0.000521**	mg/L	1	08/18/2021 19:23	180891
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	08/18/2021 19:23	180891
Chrysene	NELAP	0.000100		**0.000754**	mg/L	1	08/18/2021 19:23	180891
Dibenzo(a,h)anthracene	NELAP	0.000200		**0.000376**	mg/L	1	08/18/2021 19:23	180891
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	08/18/2021 19:23	180891
Fluoranthene	NELAP	0.000300		**0.000616**	mg/L	1	08/18/2021 19:23	180891
Fluorene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 19:23	180891
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**0.00140**	mg/L	1	08/18/2021 19:23	180891
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/18/2021 19:23	180891
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	08/18/2021 19:23	180891
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/18/2021 19:23	180891
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	08/18/2021 19:23	180891
Pyrene	NELAP	0.000200		**0.00127**	mg/L	1	08/18/2021 19:23	180891
Surr: 2,4,6-Tribromophenol	*	10-179		**94.6**	%REC	1	08/18/2021 19:23	180891
Surr: 2-Fluorobiphenyl	*	21.4-142		**49.4**	%REC	1	08/18/2021 19:23	180891
Surr: 2-Fluorophenol	*	10-157		**54.2**	%REC	1	08/18/2021 19:23	180891
Surr: Nitrobenzene-d5	*	15-163		**61.5**	%REC	1	08/18/2021 19:23	180891
Surr: Phenol-d5	*	10-162		**41.1**	%REC	1	08/18/2021 19:23	180891
Surr: p-Terphenyl-d14	*	10-173		**48.4**	%REC	1	08/18/2021 19:23	180891
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	08/14/2021 2:56	180824
Bromoform	NELAP	2.00		**ND**	µg/L	1	08/14/2021 2:56	180824
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	08/14/2021 2:56	180824
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	08/14/2021 2:56	180824
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	08/14/2021 2:56	180824
Naphthalene	NELAP	2.00		**ND**	µg/L	1	08/14/2021 2:56	180824
o-Xylene	NELAP	1.00		**ND**	µg/L	1	08/14/2021 2:56	180824
Toluene	NELAP	2.00		**ND**	µg/L	1	08/14/2021 2:56	180824
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	08/14/2021 2:56	180824
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	08/14/2021 2:56	180824
Surr: 1,2-Dichloroethane-d4	*	80-120		**101.6**	%REC	1	08/14/2021 2:56	180824
Surr: 4-Bromofluorobenzene	*	80-120		**98.5**	%REC	1	08/14/2021 2:56	180824
Surr: Dibromofluoromethane	*	80-120		**99.1**	%REC	1	08/14/2021 2:56	180824
Surr: Toluene-d8	*	80-120		**98.1**	%REC	1	08/14/2021 2:56	180824

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 21080830
Client Project: Ameren Taylorville 3rd Qtr 2021
Report Date: 20-Aug-21
Lab ID: 21080830-017
Client Sample ID: GW-21
Matrix: GROUNDWATER
Collection Date: 08/11/2021 7:45

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	08/18/2021 19:44	180891
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 19:44	180891
Anthracene	NELAP	0.000300		**ND**	mg/L	1	08/18/2021 19:44	180891
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 19:44	180891
Benzo(a)pyrene	NELAP	0.00020	J	**0.00012**	mg/L	1	08/18/2021 19:44	180891
Benzo(b)fluoranthene	NELAP	0.000100		**0.000132**	mg/L	1	08/18/2021 19:44	180891
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 19:44	180891
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 19:44	180891
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	08/18/2021 19:44	180891
Chrysene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 19:44	180891
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 19:44	180891
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	08/18/2021 19:44	180891
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	08/18/2021 19:44	180891
Fluorene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 19:44	180891
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 19:44	180891
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/18/2021 19:44	180891
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	08/18/2021 19:44	180891
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/18/2021 19:44	180891
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	08/18/2021 19:44	180891
Pyrene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 19:44	180891
Surr: 2,4,6-Tribromophenol	*	10-179		**54.0**	%REC	1	08/18/2021 19:44	180891
Surr: 2-Fluorobiphenyl	*	21.4-142		**28.8**	%REC	1	08/18/2021 19:44	180891
Surr: 2-Fluorophenol	*	10-157		**26.8**	%REC	1	08/18/2021 19:44	180891
Surr: Nitrobenzene-d5	*	15-163		**30.4**	%REC	1	08/18/2021 19:44	180891
Surr: Phenol-d5	*	10-162		**30.1**	%REC	1	08/18/2021 19:44	180891
Surr: p-Terphenyl-d14	*	10-173		**40.5**	%REC	1	08/18/2021 19:44	180891
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	08/14/2021 3:22	180824
Bromoform	NELAP	2.00		**ND**	µg/L	1	08/14/2021 3:22	180824
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	08/14/2021 3:22	180824
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	08/14/2021 3:22	180824
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	08/14/2021 3:22	180824
Naphthalene	NELAP	2.00		**ND**	µg/L	1	08/14/2021 3:22	180824
o-Xylene	NELAP	1.00		**ND**	µg/L	1	08/14/2021 3:22	180824
Toluene	NELAP	2.0	J	**0.43**	µg/L	1	08/14/2021 3:22	180824
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	08/14/2021 3:22	180824
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	08/14/2021 3:22	180824
Surr: 1,2-Dichloroethane-d4	*	80-120		**101.3**	%REC	1	08/14/2021 3:22	180824
Surr: 4-Bromofluorobenzene	*	80-120		**99.6**	%REC	1	08/14/2021 3:22	180824
Surr: Dibromofluoromethane	*	80-120		**99.8**	%REC	1	08/14/2021 3:22	180824
Surr: Toluene-d8	*	80-120		**100.7**	%REC	1	08/14/2021 3:22	180824

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 21080830
Client Project: Ameren Taylorville 3rd Qtr 2021
Report Date: 20-Aug-21
Lab ID: 21080830-018
Client Sample ID: GW-22S
Matrix: GROUNDWATER
Collection Date: 08/11/2021 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	08/18/2021 17:16	180891
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 17:16	180891
Anthracene	NELAP	0.000300		**ND**	mg/L	1	08/18/2021 17:16	180891
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 17:16	180891
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 17:16	180891
Benzo(b)fluoranthene	NELAP	0.00010	J	**0.000071**	mg/L	1	08/18/2021 17:16	180891
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 17:16	180891
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 17:16	180891
Bis(2-ethylhexyl)phthalate	NELAP	0.00400		**0.00983**	mg/L	2	08/19/2021 10:38	180891
Chrysene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 17:16	180891
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 17:16	180891
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	08/18/2021 17:16	180891
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	08/18/2021 17:16	180891
Fluorene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 17:16	180891
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 17:16	180891
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/18/2021 17:16	180891
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	08/18/2021 17:16	180891
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/18/2021 17:16	180891
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	08/18/2021 17:16	180891
Pyrene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 17:16	180891
Surr: 2,4,6-Tribromophenol	*	10-179		**112.3**	%REC	1	08/18/2021 17:16	180891
Surr: 2-Fluorobiphenyl	*	21.4-142		**77.6**	%REC	1	08/18/2021 17:16	180891
Surr: 2-Fluorophenol	*	10-157		**61.4**	%REC	1	08/18/2021 17:16	180891
Surr: Nitrobenzene-d5	*	15-163		**72.4**	%REC	1	08/18/2021 17:16	180891
Surr: Phenol-d5	*	10-162		**58.1**	%REC	1	08/18/2021 17:16	180891
Surr: p-Terphenyl-d14	*	10-173		**91.7**	%REC	1	08/18/2021 17:16	180891
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	08/14/2021 3:49	180824
Bromoform	NELAP	2.00		**ND**	µg/L	1	08/14/2021 3:49	180824
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	08/14/2021 3:49	180824
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	08/14/2021 3:49	180824
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	08/14/2021 3:49	180824
Naphthalene	NELAP	2.00		**ND**	µg/L	1	08/14/2021 3:49	180824
o-Xylene	NELAP	1.00		**ND**	µg/L	1	08/14/2021 3:49	180824
Toluene	NELAP	2.00		**ND**	µg/L	1	08/14/2021 3:49	180824
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	08/14/2021 3:49	180824
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	08/14/2021 3:49	180824
Surr: 1,2-Dichloroethane-d4	*	80-120		**101.5**	%REC	1	08/14/2021 3:49	180824
Surr: 4-Bromofluorobenzene	*	80-120		**99.1**	%REC	1	08/14/2021 3:49	180824
Surr: Dibromofluoromethane	*	80-120		**99.6**	%REC	1	08/14/2021 3:49	180824
Surr: Toluene-d8	*	80-120		**100.6**	%REC	1	08/14/2021 3:49	180824

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 21080830
Client Project: Ameren Taylorville 3rd Qtr 2021
Report Date: 20-Aug-21
Lab ID: 21080830-019
Client Sample ID: GW-22D
Matrix: GROUNDWATER
Collection Date: 08/12/2021 12:25

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	08/19/2021 14:14	180950
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	08/19/2021 14:14	180950
Anthracene	NELAP	0.000300		**ND**	mg/L	1	08/19/2021 14:14	180950
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	08/19/2021 14:14	180950
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	08/19/2021 14:14	180950
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	08/19/2021 14:14	180950
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	08/19/2021 14:14	180950
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	08/19/2021 14:14	180950
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	08/19/2021 14:14	180950
Chrysene	NELAP	0.000100		**ND**	mg/L	1	08/19/2021 14:14	180950
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	08/19/2021 14:14	180950
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	08/19/2021 14:14	180950
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	08/19/2021 14:14	180950
Fluorene	NELAP	0.000200		**ND**	mg/L	1	08/19/2021 14:14	180950
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	08/19/2021 14:14	180950
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/19/2021 14:14	180950
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	08/19/2021 14:14	180950
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/19/2021 14:14	180950
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	08/19/2021 14:14	180950
Pyrene	NELAP	0.000200		**ND**	mg/L	1	08/19/2021 14:14	180950
Surr: 2,4,6-Tribromophenol	*	10-179		**123.4**	%REC	1	08/19/2021 14:14	180950
Surr: 2-Fluorobiphenyl	*	21.4-142		**72.2**	%REC	1	08/19/2021 14:14	180950
Surr: 2-Fluorophenol	*	10-157		**63.6**	%REC	1	08/19/2021 14:14	180950
Surr: Nitrobenzene-d5	*	15-163		**69.1**	%REC	1	08/19/2021 14:14	180950
Surr: Phenol-d5	*	10-162		**46.0**	%REC	1	08/19/2021 14:14	180950
Surr: p-Terphenyl-d14	*	10-173		**104.1**	%REC	1	08/19/2021 14:14	180950
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50	J	**0.45**	µg/L	1	08/14/2021 4:16	180824
Bromoform	NELAP	2.00		**ND**	µg/L	1	08/14/2021 4:16	180824
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	08/14/2021 4:16	180824
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	08/14/2021 4:16	180824
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	08/14/2021 4:16	180824
Naphthalene	NELAP	2.00		**ND**	µg/L	1	08/14/2021 4:16	180824
o-Xylene	NELAP	1.00		**ND**	µg/L	1	08/14/2021 4:16	180824
Toluene	NELAP	2.00		**ND**	µg/L	1	08/14/2021 4:16	180824
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	08/14/2021 4:16	180824
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	08/14/2021 4:16	180824
Surr: 1,2-Dichloroethane-d4	*	80-120		**101.8**	%REC	1	08/14/2021 4:16	180824
Surr: 4-Bromofluorobenzene	*	80-120		**99.7**	%REC	1	08/14/2021 4:16	180824
Surr: Dibromofluoromethane	*	80-120		**100.8**	%REC	1	08/14/2021 4:16	180824
Surr: Toluene-d8	*	80-120		**100.1**	%REC	1	08/14/2021 4:16	180824

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 21080830
Client Project: Ameren Taylorville 3rd Qtr 2021
Report Date: 20-Aug-21
Lab ID: 21080830-020
Client Sample ID: GW-22S-DUP
Matrix: GROUNDWATER
Collection Date: 08/11/2021 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	08/18/2021 17:53	180891
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 17:53	180891
Anthracene	NELAP	0.000300		**ND**	mg/L	1	08/18/2021 17:53	180891
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 17:53	180891
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 17:53	180891
Benzo(b)fluoranthene	NELAP	0.00010	J	**0.000070**	mg/L	1	08/18/2021 17:53	180891
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 17:53	180891
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 17:53	180891
Bis(2-ethylhexyl)phthalate	NELAP	0.00400		**0.00753**	mg/L	2	08/19/2021 10:15	180891
Chrysene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 17:53	180891
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 17:53	180891
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	08/18/2021 17:53	180891
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	08/18/2021 17:53	180891
Fluorene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 17:53	180891
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 17:53	180891
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/18/2021 17:53	180891
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	08/18/2021 17:53	180891
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/18/2021 17:53	180891
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	08/18/2021 17:53	180891
Pyrene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 17:53	180891
Surr: 2,4,6-Tribromophenol	*	10-179		**111.9**	%REC	1	08/18/2021 17:53	180891
Surr: 2-Fluorobiphenyl	*	21.4-142		**72.6**	%REC	1	08/18/2021 17:53	180891
Surr: 2-Fluorophenol	*	10-157		**53.3**	%REC	1	08/18/2021 17:53	180891
Surr: Nitrobenzene-d5	*	15-163		**68.7**	%REC	1	08/18/2021 17:53	180891
Surr: Phenol-d5	*	10-162		**50.7**	%REC	1	08/18/2021 17:53	180891
Surr: p-Terphenyl-d14	*	10-173		**81.4**	%REC	1	08/18/2021 17:53	180891
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	08/14/2021 5:36	180824
Bromoform	NELAP	2.00		**ND**	µg/L	1	08/14/2021 5:36	180824
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	08/14/2021 5:36	180824
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	08/14/2021 5:36	180824
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	08/14/2021 5:36	180824
Naphthalene	NELAP	2.00		**ND**	µg/L	1	08/14/2021 5:36	180824
o-Xylene	NELAP	1.00		**ND**	µg/L	1	08/14/2021 5:36	180824
Toluene	NELAP	2.00		**ND**	µg/L	1	08/14/2021 5:36	180824
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	08/14/2021 5:36	180824
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	08/14/2021 5:36	180824
Surr: 1,2-Dichloroethane-d4	*	80-120		**101.6**	%REC	1	08/14/2021 5:36	180824
Surr: 4-Bromofluorobenzene	*	80-120		**98.8**	%REC	1	08/14/2021 5:36	180824
Surr: Dibromofluoromethane	*	80-120		**98.9**	%REC	1	08/14/2021 5:36	180824
Surr: Toluene-d8	*	80-120		**98.1**	%REC	1	08/14/2021 5:36	180824

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 21080830
Client Project: Ameren Taylorville 3rd Qtr 2021
Report Date: 20-Aug-21
Lab ID: 21080830-021
Client Sample ID: GW-4R-DUP
Matrix: GROUNDWATER
Collection Date: 08/12/2021 13:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.00100		**0.0239**	mg/L	10	08/19/2021 17:01	180950
Acenaphthylene	NELAP	0.00100		**0.00584**	mg/L	10	08/19/2021 17:01	180950
Anthracene	NELAP	0.000300		**0.000691**	mg/L	1	08/19/2021 15:10	180950
Benzo(a)anthracene	NELAP	0.000100		**0.000173**	mg/L	1	08/19/2021 15:10	180950
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	08/19/2021 15:10	180950
Benzo(b)fluoranthene	NELAP	0.000100		**0.000192**	mg/L	1	08/19/2021 15:10	180950
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	08/19/2021 15:10	180950
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	08/19/2021 15:10	180950
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	08/19/2021 15:10	180950
Chrysene	NELAP	0.000100		**0.000501**	mg/L	1	08/19/2021 15:10	180950
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	08/19/2021 15:10	180950
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	08/19/2021 15:10	180950
Fluoranthene	NELAP	0.000300		**0.00404**	mg/L	1	08/19/2021 15:10	180950
Fluorene	NELAP	0.0200		**0.0776**	mg/L	100	08/20/2021 11:31	180950
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	08/19/2021 15:10	180950
m,p-Cresol	NELAP	0.010	J	**0.0083**	mg/L	1	08/19/2021 15:10	180950
Naphthalene	NELAP	0.400		**1.75**	mg/L	1000	08/20/2021 12:46	180950
o-Cresol	NELAP	0.010	J	**0.0074**	mg/L	1	08/19/2021 15:10	180950
Phenanthrene	NELAP	0.0600		**0.0609**	mg/L	100	08/20/2021 11:31	180950
Pyrene	NELAP	0.000200		**0.00184**	mg/L	1	08/19/2021 15:10	180950
Surr: 2,4,6-Tribromophenol	*	10-179		**94.7**	%REC	1	08/19/2021 15:10	180950
Surr: 2-Fluorobiphenyl	*	21.4-142	S	**143.2**	%REC	1	08/19/2021 15:10	180950
Surr: 2-Fluorophenol	*	10-157		**58.3**	%REC	1	08/19/2021 15:10	180950
Surr: Nitrobenzene-d5	*	15-163		**128.6**	%REC	1	08/19/2021 15:10	180950
Surr: Phenol-d5	*	10-162		**57.5**	%REC	1	08/19/2021 15:10	180950
Surr: p-Terphenyl-d14	*	10-173		**91.4**	%REC	1	08/19/2021 15:10	180950

Surrogate recovery is outside control limits due to matrix interference.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	10.0		**658**	µg/L	20	08/16/2021 14:02	180866
Bromoform	NELAP	2.00		**ND**	µg/L	1	08/14/2021 6:03	180824
Ethylbenzene	NELAP	20.0		**243**	µg/L	20	08/16/2021 14:02	180866
m,p-Xylenes	NELAP	1.00		**146**	µg/L	1	08/14/2021 6:03	180824
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	08/14/2021 6:03	180824
Naphthalene	NELAP	40.0		**3020**	µg/L	20	08/16/2021 14:02	180866
o-Xylene	NELAP	1.00		**118**	µg/L	1	08/14/2021 6:03	180824
Toluene	NELAP	40.0		**255**	µg/L	20	08/16/2021 14:02	180866
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	08/14/2021 6:03	180824
Xylenes, Total	NELAP	2.00		**265**	µg/L	1	08/14/2021 6:03	180824
Surr: 1,2-Dichloroethane-d4	*	80-120		**103.3**	%REC	1	08/14/2021 6:03	180824
Surr: 4-Bromofluorobenzene	*	80-120		**98.0**	%REC	1	08/14/2021 6:03	180824
Surr: Dibromofluoromethane	*	80-120		**98.9**	%REC	1	08/14/2021 6:03	180824
Surr: Toluene-d8	*	80-120		**98.0**	%REC	1	08/14/2021 6:03	180824

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 21080830
Client Project: Ameren Taylorville 3rd Qtr 2021
Report Date: 20-Aug-21
Lab ID: 21080830-022
Client Sample ID: GW-25
Matrix: GROUNDWATER
Collection Date: 08/11/2021 17:45

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	08/18/2021 18:30	180891
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 18:30	180891
Anthracene	NELAP	0.000300		**ND**	mg/L	1	08/18/2021 18:30	180891
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 18:30	180891
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 18:30	180891
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 18:30	180891
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 18:30	180891
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 18:30	180891
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	08/18/2021 18:30	180891
Chrysene	NELAP	0.000100		**ND**	mg/L	1	08/18/2021 18:30	180891
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 18:30	180891
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	08/18/2021 18:30	180891
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	08/18/2021 18:30	180891
Fluorene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 18:30	180891
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 18:30	180891
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/18/2021 18:30	180891
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	08/18/2021 18:30	180891
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/18/2021 18:30	180891
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	08/18/2021 18:30	180891
Pyrene	NELAP	0.000200		**ND**	mg/L	1	08/18/2021 18:30	180891
Surr: 2,4,6-Tribromophenol	*	10-179		**109.6**	%REC	1	08/18/2021 18:30	180891
Surr: 2-Fluorobiphenyl	*	21.4-142		**67.1**	%REC	1	08/18/2021 18:30	180891
Surr: 2-Fluorophenol	*	10-157		**59.3**	%REC	1	08/18/2021 18:30	180891
Surr: Nitrobenzene-d5	*	15-163		**63.0**	%REC	1	08/18/2021 18:30	180891
Surr: Phenol-d5	*	10-162		**53.7**	%REC	1	08/18/2021 18:30	180891
Surr: p-Terphenyl-d14	*	10-173		**89.3**	%REC	1	08/18/2021 18:30	180891
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	08/16/2021 12:43	180866
Bromoform	NELAP	2.00		**ND**	µg/L	1	08/16/2021 12:43	180866
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	08/16/2021 12:43	180866
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	08/16/2021 12:43	180866
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	08/16/2021 12:43	180866
Naphthalene	NELAP	2.00		**ND**	µg/L	1	08/16/2021 12:43	180866
o-Xylene	NELAP	1.00		**ND**	µg/L	1	08/16/2021 12:43	180866
Toluene	NELAP	2.00		**ND**	µg/L	1	08/16/2021 12:43	180866
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	08/16/2021 12:43	180866
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	08/16/2021 12:43	180866
Surr: 1,2-Dichloroethane-d4	*	80-120		**100.4**	%REC	1	08/16/2021 12:43	180866
Surr: 4-Bromofluorobenzene	*	80-120		**100.8**	%REC	1	08/16/2021 12:43	180866
Surr: Dibromofluoromethane	*	80-120		**100.9**	%REC	1	08/16/2021 12:43	180866
Surr: Toluene-d8	*	80-120		**100.1**	%REC	1	08/16/2021 12:43	180866

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 21080830
Client Project: Ameren Taylorville 3rd Qtr 2021
Report Date: 20-Aug-21
Lab ID: 21080830-023
Client Sample ID: GW-26
Matrix: GROUNDWATER
Collection Date: 08/12/2021 11:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.00010	J	**0.000072**	mg/L	1	08/19/2021 15:47	180950
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	08/19/2021 15:47	180950
Anthracene	NELAP	0.000300		**ND**	mg/L	1	08/19/2021 15:47	180950
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	08/19/2021 15:47	180950
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	08/19/2021 15:47	180950
Benzo(b)fluoranthene	NELAP	0.00010	J	**0.000081**	mg/L	1	08/19/2021 15:47	180950
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	08/19/2021 15:47	180950
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	08/19/2021 15:47	180950
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	08/19/2021 15:47	180950
Chrysene	NELAP	0.000100		**ND**	mg/L	1	08/19/2021 15:47	180950
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	08/19/2021 15:47	180950
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	08/19/2021 15:47	180950
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	08/19/2021 15:47	180950
Fluorene	NELAP	0.000200		**0.000215**	mg/L	1	08/19/2021 15:47	180950
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	08/19/2021 15:47	180950
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/19/2021 15:47	180950
Naphthalene	NELAP	0.000400		**0.00429**	mg/L	1	08/19/2021 15:47	180950
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	08/19/2021 15:47	180950
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	08/19/2021 15:47	180950
Pyrene	NELAP	0.000200		**ND**	mg/L	1	08/19/2021 15:47	180950
Surr: 2,4,6-Tribromophenol	*	10-179		**89.6**	%REC	1	08/19/2021 15:47	180950
Surr: 2-Fluorobiphenyl	*	21.4-142		**72.1**	%REC	1	08/19/2021 15:47	180950
Surr: 2-Fluorophenol	*	10-157		**68.4**	%REC	1	08/19/2021 15:47	180950
Surr: Nitrobenzene-d5	*	15-163		**67.0**	%REC	1	08/19/2021 15:47	180950
Surr: Phenol-d5	*	10-162		**64.4**	%REC	1	08/19/2021 15:47	180950
Surr: p-Terphenyl-d14	*	10-173		**100.6**	%REC	1	08/19/2021 15:47	180950
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	08/16/2021 13:09	180866
Bromoform	NELAP	2.00		**ND**	µg/L	1	08/16/2021 13:09	180866
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	08/16/2021 13:09	180866
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	08/16/2021 13:09	180866
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	08/16/2021 13:09	180866
Naphthalene	NELAP	2.00		**ND**	µg/L	1	08/16/2021 13:09	180866
o-Xylene	NELAP	1.00		**ND**	µg/L	1	08/16/2021 13:09	180866
Toluene	NELAP	2.00		**ND**	µg/L	1	08/16/2021 13:09	180866
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	08/16/2021 13:09	180866
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	08/16/2021 13:09	180866
Surr: 1,2-Dichloroethane-d4	*	80-120		**102.8**	%REC	1	08/16/2021 13:09	180866
Surr: 4-Bromofluorobenzene	*	80-120		**101.7**	%REC	1	08/16/2021 13:09	180866
Surr: Dibromofluoromethane	*	80-120		**100.2**	%REC	1	08/16/2021 13:09	180866
Surr: Toluene-d8	*	80-120		**98.9**	%REC	1	08/16/2021 13:09	180866

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 21080830
Client Project: Ameren Taylorville 3rd Qtr 2021
Report Date: 20-Aug-21
Lab ID: 21080830-024
Client Sample ID: Trip Blank 1
Matrix: TRIP BLANK
Collection Date: 08/12/2021 15:50

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	08/13/2021 22:29	180824
Bromoform	NELAP	2.00		**ND**	µg/L	1	08/13/2021 22:29	180824
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	08/13/2021 22:29	180824
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	08/13/2021 22:29	180824
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	08/13/2021 22:29	180824
Naphthalene	NELAP	2.00		**ND**	µg/L	1	08/13/2021 22:29	180824
o-Xylene	NELAP	1.00		**ND**	µg/L	1	08/13/2021 22:29	180824
Toluene	NELAP	2.00		**ND**	µg/L	1	08/13/2021 22:29	180824
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	08/13/2021 22:29	180824
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	08/13/2021 22:29	180824
Surr: 1,2-Dichloroethane-d4	*	80-120		**101.5**	%REC	1	08/13/2021 22:29	180824
Surr: 4-Bromofluorobenzene	*	80-120		**100.5**	%REC	1	08/13/2021 22:29	180824
Surr: Dibromofluoromethane	*	80-120		**99.7**	%REC	1	08/13/2021 22:29	180824
Surr: Toluene-d8	*	80-120		**99.2**	%REC	1	08/13/2021 22:29	180824

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 21080830
Client Project: Ameren Taylorville 3rd Qtr 2021
Report Date: 20-Aug-21
Lab ID: 21080830-025
Client Sample ID: Trip Blank 2
Matrix: TRIP BLANK
Collection Date: 08/12/2021 15:50

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	08/13/2021 22:55	180824
Bromoform	NELAP	2.00		**ND**	µg/L	1	08/13/2021 22:55	180824
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	08/13/2021 22:55	180824
m,p-Xylenes	NELAP	1.0	J	**0.21**	µg/L	1	08/13/2021 22:55	180824
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	08/13/2021 22:55	180824
Naphthalene	NELAP	2.00		**ND**	µg/L	1	08/13/2021 22:55	180824
o-Xylene	NELAP	1.00		**ND**	µg/L	1	08/13/2021 22:55	180824
Toluene	NELAP	2.00		**ND**	µg/L	1	08/13/2021 22:55	180824
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	08/13/2021 22:55	180824
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	08/13/2021 22:55	180824
Surr: 1,2-Dichloroethane-d4	*	80-120		**101.9**	%REC	1	08/13/2021 22:55	180824
Surr: 4-Bromofluorobenzene	*	80-120		**103.0**	%REC	1	08/13/2021 22:55	180824
Surr: Dibromofluoromethane	*	80-120		**99.8**	%REC	1	08/13/2021 22:55	180824
Surr: Toluene-d8	*	80-120		**99.7**	%REC	1	08/13/2021 22:55	180824

Sample Summary

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 3rd Qtr 2021

Work Order: 21080830

Report Date: 20-Aug-21

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
21080830-001	GW-01	Groundwater	2	08/11/2021 9:30
21080830-002	GW-02	Groundwater	2	08/11/2021 11:55
21080830-003	GW-03	Groundwater	2	08/11/2021 11:20
21080830-004	GW-04R	Groundwater	2	08/12/2021 13:50
21080830-005	GW-05	Groundwater	2	08/12/2021 8:05
21080830-006	GW-07	Groundwater	2	08/12/2021 10:30
21080830-007	GW-14	Groundwater	2	08/12/2021 9:15
21080830-008	GW-15	Groundwater	2	08/12/2021 13:30
21080830-009	GW-16S	Groundwater	2	08/10/2021 16:25
21080830-010	GW-16D	Groundwater	2	08/10/2021 16:00
21080830-011	GW-17	Groundwater	2	08/10/2021 17:05
21080830-012	GW-18S	Groundwater	2	08/11/2021 15:55
21080830-013	GW-18D	Groundwater	2	08/11/2021 17:05
21080830-014	GW-19S	Groundwater	2	08/11/2021 14:40
21080830-015	GW-19D	Groundwater	2	08/11/2021 14:15
21080830-016	GW-20	Groundwater	2	08/11/2021 8:25
21080830-017	GW-21	Groundwater	2	08/11/2021 7:45
21080830-018	GW-22S	Groundwater	2	08/11/2021 10:30
21080830-019	GW-22D	Groundwater	2	08/12/2021 12:25
21080830-020	GW-22S-DUP	Groundwater	2	08/11/2021 10:30
21080830-021	GW-4R-DUP	Groundwater	2	08/12/2021 13:50
21080830-022	GW-25	Groundwater	2	08/11/2021 17:45
21080830-023	GW-26	Groundwater	2	08/12/2021 11:10
21080830-024	Trip Blank 1	Trip Blank	1	08/12/2021 15:50
21080830-025	Trip Blank 2	Trip Blank	1	08/12/2021 15:50

Dates Report

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 3rd Qtr 2021

Work Order: 21080830

Report Date: 20-Aug-21

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
21080830-001A	GW-01	08/11/2021 9:30	08/12/2021 15:50		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/17/2021 13:40	08/18/2021 13:46
21080830-001B	GW-01	08/11/2021 9:30	08/12/2021 15:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/13/2021 15:48
21080830-002A	GW-02	08/11/2021 11:55	08/12/2021 15:50		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/17/2021 13:40	08/18/2021 14:23
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/17/2021 13:40	08/18/2021 16:38
21080830-002B	GW-02	08/11/2021 11:55	08/12/2021 15:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/13/2021 16:15
21080830-003A	GW-03	08/11/2021 11:20	08/12/2021 15:50		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/17/2021 13:40	08/18/2021 15:42
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/17/2021 13:40	08/18/2021 16:44
21080830-003B	GW-03	08/11/2021 11:20	08/12/2021 15:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/13/2021 16:41
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/16/2021 13:36
21080830-004A	GW-04R	08/12/2021 13:50	08/12/2021 15:50		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/18/2021 17:57	08/19/2021 12:14
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/18/2021 17:57	08/19/2021 16:14
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/18/2021 17:57	08/19/2021 16:54
21080830-004B	GW-04R	08/12/2021 13:50	08/12/2021 15:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/13/2021 18:28
21080830-005A	GW-05	08/12/2021 8:05	08/12/2021 15:50		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/18/2021 17:57	08/19/2021 12:54
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/18/2021 17:57	08/19/2021 16:25
21080830-005B	GW-05	08/12/2021 8:05	08/12/2021 15:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/13/2021 17:08
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/16/2021 11:22
21080830-006A	GW-07	08/12/2021 10:30	08/12/2021 15:50		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/18/2021 17:57	08/19/2021 13:33
21080830-006B	GW-07	08/12/2021 10:30	08/12/2021 15:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/13/2021 17:34
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/16/2021 11:49
21080830-007A	GW-14	08/12/2021 9:15	08/12/2021 15:50		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/18/2021 17:57	08/19/2021 13:56
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/18/2021 17:57	08/20/2021 12:08

Dates Report

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 3rd Qtr 2021

Work Order: 21080830

Report Date: 20-Aug-21

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
21080830-007B	GW-14	08/12/2021 9:15	08/12/2021 15:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/13/2021 18:01
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/16/2021 12:16
21080830-008A	GW-15	08/12/2021 13:30	08/12/2021 15:50		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/18/2021 17:57	08/19/2021 14:33
21080830-008B	GW-15	08/12/2021 13:30	08/12/2021 15:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/13/2021 23:22
21080830-009A	GW-16S	08/10/2021 16:25	08/12/2021 15:50		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/17/2021 13:40	08/18/2021 12:32
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/17/2021 13:40	08/18/2021 15:37
21080830-009B	GW-16S	08/10/2021 16:25	08/12/2021 15:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/13/2021 23:49
21080830-010A	GW-16D	08/10/2021 16:00	08/12/2021 15:50		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/17/2021 13:40	08/18/2021 13:09
21080830-010B	GW-16D	08/10/2021 16:00	08/12/2021 15:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/14/2021 0:15
21080830-011A	GW-17	08/10/2021 17:05	08/12/2021 15:50		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/17/2021 13:40	08/18/2021 11:18
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/17/2021 13:40	08/18/2021 15:00
21080830-011B	GW-17	08/10/2021 17:05	08/12/2021 15:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/14/2021 0:42
21080830-012A	GW-18S	08/11/2021 15:55	08/12/2021 15:50		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/17/2021 13:40	08/18/2021 11:55
21080830-012B	GW-18S	08/11/2021 15:55	08/12/2021 15:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/14/2021 1:09
21080830-013A	GW-18D	08/11/2021 17:05	08/12/2021 15:50		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/17/2021 13:40	08/18/2021 17:23
21080830-013B	GW-18D	08/11/2021 17:05	08/12/2021 15:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/14/2021 1:36
21080830-014A	GW-19S	08/11/2021 14:40	08/12/2021 15:50		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/17/2021 13:40	08/18/2021 18:03
21080830-014B	GW-19S	08/11/2021 14:40	08/12/2021 15:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/14/2021 2:02
21080830-015A	GW-19D	08/11/2021 14:15	08/12/2021 15:50		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/17/2021 13:40	08/18/2021 18:43

Dates Report

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 3rd Qtr 2021

Work Order: 21080830

Report Date: 20-Aug-21

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
21080830-015B	GW-19D	08/11/2021 14:15	08/12/2021 15:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/14/2021 2:29
21080830-016A	GW-20	08/11/2021 8:25	08/12/2021 15:50		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/17/2021 17:25	08/18/2021 19:23
21080830-016B	GW-20	08/11/2021 8:25	08/12/2021 15:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/14/2021 2:56
21080830-017A	GW-21	08/11/2021 7:45	08/12/2021 15:50		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/17/2021 17:25	08/18/2021 19:44
21080830-017B	GW-21	08/11/2021 7:45	08/12/2021 15:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/14/2021 3:22
21080830-018A	GW-22S	08/11/2021 10:30	08/12/2021 15:50		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/17/2021 17:25	08/18/2021 17:16
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/17/2021 17:25	08/19/2021 10:38
21080830-018B	GW-22S	08/11/2021 10:30	08/12/2021 15:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/14/2021 3:49
21080830-019A	GW-22D	08/12/2021 12:25	08/12/2021 15:50		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/18/2021 17:57	08/19/2021 14:14
21080830-019B	GW-22D	08/12/2021 12:25	08/12/2021 15:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/14/2021 4:16
21080830-020A	GW-22S-DUP	08/11/2021 10:30	08/12/2021 15:50		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/17/2021 17:25	08/18/2021 17:53
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/17/2021 17:25	08/19/2021 10:15
21080830-020B	GW-22S-DUP	08/11/2021 10:30	08/12/2021 15:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/14/2021 5:36
21080830-021A	GW-4R-DUP	08/12/2021 13:50	08/12/2021 15:50		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/18/2021 17:57	08/19/2021 15:10
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/18/2021 17:57	08/19/2021 17:01
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/18/2021 17:57	08/20/2021 11:31
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/18/2021 17:57	08/20/2021 12:46
21080830-021B	GW-4R-DUP	08/12/2021 13:50	08/12/2021 15:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/14/2021 6:03
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/16/2021 14:02
21080830-022A	GW-25	08/11/2021 17:45	08/12/2021 15:50		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/17/2021 17:25	08/18/2021 18:30
21080830-022B	GW-25	08/11/2021 17:45	08/12/2021 15:50		

Dates Report

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 3rd Qtr 2021

Work Order: 21080830

Report Date: 20-Aug-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				08/16/2021 12:43
21080830-023A	GW-26	08/12/2021 11:10	08/12/2021 15:50		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			08/18/2021 17:57	08/19/2021 15:47
21080830-023B	GW-26	08/12/2021 11:10	08/12/2021 15:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/16/2021 13:09
21080830-024A	Trip Blank 1	08/12/2021 15:50	08/12/2021 15:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/13/2021 22:29
21080830-025A	Trip Blank 2	08/12/2021 15:50	08/12/2021 15:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				08/13/2021 22:55

Client: ERM **Work Order:** 21080830

Client Project: Ameren Taylorville 3rd Qtr 2021 **Report Date:** 20-Aug-21

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

Batch **180891** **SampType:** **MBLK** Units **mg/L**

SampID: MBLK-180891

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**ND**						08/18/2021
Acenaphthylene		0.000100		**ND**						08/18/2021
Anthracene		0.000300		**ND**						08/18/2021
Benzo(a)anthracene		0.000100		**ND**						08/18/2021
Benzo(a)pyrene		0.000200		**ND**						08/18/2021
Benzo(b)fluoranthene		0.000100		**ND**						08/18/2021
Benzo(g,h,i)perylene		0.000200		**ND**						08/18/2021
Benzo(k)fluoranthene		0.000100		**ND**						08/18/2021
Bis(2-ethylhexyl)phthalate		0.00600		**ND**						08/18/2021
Chrysene		0.000100		**ND**						08/18/2021
Dibenzo(a,h)anthracene		0.000200		**ND**						08/18/2021
Di-n-butyl phthalate		0.0100		**ND**						08/18/2021
Fluoranthene		0.000300		**ND**						08/18/2021
Fluorene		0.000200		**ND**						08/18/2021
Indeno(1,2,3-cd)pyrene		0.000200		**ND**						08/18/2021
m,p-Cresol		0.0100		**ND**						08/18/2021
Naphthalene		0.000400		**ND**						08/18/2021
o-Cresol		0.0100		**ND**						08/18/2021
Phenanthrene		0.000600		**ND**						08/18/2021
Pyrene		0.000200		**ND**						08/18/2021
Surr: 2,4,6-Tribromophenol	*			**0.00192**	0.0020		96.1	49.4	123	08/18/2021
Surr: 2-Fluorobiphenyl	*			**0.000630**	0.0010		63.0	45.5	94.3	08/18/2021
Surr: 2-Fluorophenol	*			**0.00136**	0.0020		68.2	41.6	103	08/18/2021
Surr: Nitrobenzene-d5	*			**0.000747**	0.0010		74.7	51.6	102	08/18/2021
Surr: Phenol-d5	*			**0.00111**	0.0020		55.4	32.6	109	08/18/2021
Surr: p-Terphenyl-d14	*			**0.000989**	0.0010		98.9	60.8	130	08/18/2021

Client: ERM **Work Order:** 21080830

Client Project: Ameren Taylorville 3rd Qtr 2021 **Report Date:** 20-Aug-21

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

Batch **180891** **SampType:** **LCS** Units **mg/L**

SampID: LCS-180891

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**0.00156**	0.0020	0	77.8	54.7	110	08/18/2021
Acenaphthylene		0.000100		**0.00182**	0.0020	0	90.9	56.2	116	08/18/2021
Anthracene		0.000300		**0.00165**	0.0020	0	82.4	55.3	113	08/18/2021
Benzo(a)anthracene		0.000100		**0.00163**	0.0020	0	81.4	54.6	112	08/18/2021
Benzo(a)pyrene		0.000200		**0.00136**	0.0020	0	68.2	57.2	118	08/18/2021
Benzo(b)fluoranthene		0.000100		**0.00165**	0.0020	0	82.6	50.3	119	08/18/2021
Benzo(g,h,i)perylene		0.000200		**0.00171**	0.0020	0	85.3	59.3	122	08/18/2021
Benzo(k)fluoranthene		0.000100		**0.00164**	0.0020	0	82.1	58.8	114	08/18/2021
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0019**	0.0020	0	94.4	50	187	08/18/2021
Chrysene		0.000100		**0.00166**	0.0020	0	82.8	58.9	113	08/18/2021
Dibenzo(a,h)anthracene		0.000200		**0.00163**	0.0020	0	81.6	50	134	08/18/2021
Di-n-butyl phthalate		0.0100	J	**0.0020**	0.0020	0	98.8	62.7	144	08/18/2021
Fluoranthene		0.000300		**0.00177**	0.0020	0	88.7	61.2	114	08/18/2021
Fluorene		0.000200		**0.00166**	0.0020	0	83.0	61.6	110	08/18/2021
Indeno(1,2,3-cd)pyrene		0.000200		**0.00164**	0.0020	0	81.8	54.3	128	08/18/2021
m,p-Cresol		0.0100		**0.0138**	0.0200	0	68.9	48.1	116	08/18/2021
Naphthalene		0.000400		**0.00139**	0.0020	0	69.3	51.7	105	08/18/2021
o-Cresol		0.0100		**0.0138**	0.0200	0	69.0	50	115	08/18/2021
Phenanthrene		0.000600		**0.00173**	0.0020	0	86.4	60.9	121	08/18/2021
Pyrene		0.000200		**0.00179**	0.0020	0	89.3	59.1	114	08/18/2021
Surr: 2,4,6-Tribromophenol	*			**0.00205**	0.0020		102.5	49.4	123	08/18/2021
Surr: 2-Fluorobiphenyl	*			**0.000709**	0.0010		70.9	45.5	94.3	08/18/2021
Surr: 2-Fluorophenol	*			**0.00146**	0.0020		73.1	41.6	103	08/18/2021
Surr: Nitrobenzene-d5	*			**0.000779**	0.0010		77.9	51.6	102	08/18/2021
Surr: Phenol-d5	*			**0.00108**	0.0020		54.1	32.6	109	08/18/2021
Surr: p-Terphenyl-d14	*			**0.00108**	0.0010		108.5	60.8	130	08/18/2021

Client: ERM **Work Order:** 21080830

Client Project: Ameren Taylorville 3rd Qtr 2021 **Report Date:** 20-Aug-21

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

Batch **180891** **SampType:** **LCSD** Units **mg/L** RPD Limit: **40**

SampID: LCSD-180891

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		**0.00164**	0.0020	0	82.0	0.001557	5.26	08/18/2021
Acenaphthylene		0.000100		**0.00186**	0.0020	0	93.2	0.001817	2.55	08/18/2021
Anthracene		0.000300		**0.00153**	0.0020	0	76.6	0.001647	7.21	08/18/2021
Benzo(a)anthracene		0.000100		**0.00171**	0.0020	0	85.7	0.001628	5.19	08/18/2021
Benzo(a)pyrene		0.000200		**0.00149**	0.0020	0	74.3	0.001365	8.48	08/18/2021
Benzo(b)fluoranthene		0.000100		**0.00172**	0.0020	0	86.1	0.001652	4.11	08/18/2021
Benzo(g,h,i)perylene		0.000200		**0.00164**	0.0020	0	82.2	0.001707	3.70	08/18/2021
Benzo(k)fluoranthene		0.000100		**0.00166**	0.0020	0	83.0	0.001642	1.05	08/18/2021
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0020**	0.0020	0	99.8	0.001887	0.00	08/18/2021
Chrysene		0.000100		**0.00171**	0.0020	0	85.4	0.001657	3.02	08/18/2021
Dibenzo(a,h)anthracene		0.000200		**0.00171**	0.0020	0	85.3	0.001632	4.46	08/18/2021
Di-n-butyl phthalate		0.0100	J	**0.0020**	0.0020	0	98.1	0.001977	0.00	08/18/2021
Fluoranthene		0.000300		**0.00171**	0.0020	0	85.4	0.001773	3.77	08/18/2021
Fluorene		0.000200		**0.00173**	0.0020	0	86.7	0.001661	4.28	08/18/2021
Indeno(1,2,3-cd)pyrene		0.000200		**0.00171**	0.0020	0	85.4	0.001636	4.26	08/18/2021
m,p-Cresol		0.0100		**0.0140**	0.0200	0	69.9	0.01378	1.44	08/18/2021
Naphthalene		0.000400		**0.00159**	0.0020	0	79.4	0.001387	13.56	08/18/2021
o-Cresol		0.0100		**0.0135**	0.0200	0	67.5	0.01379	2.12	08/18/2021
Phenanthrene		0.000600		**0.00170**	0.0020	0	84.9	0.001727	1.75	08/18/2021
Pyrene		0.000200		**0.00169**	0.0020	0	84.6	0.001787	5.38	08/18/2021
Surr: 2,4,6-Tribromophenol	*			**0.00198**	0.0020		98.8			08/18/2021
Surr: 2-Fluorobiphenyl	*			**0.000750**	0.0010		75.0			08/18/2021
Surr: 2-Fluorophenol	*			**0.00141**	0.0020		70.6			08/18/2021
Surr: Nitrobenzene-d5	*			**0.000776**	0.0010		77.6			08/18/2021
Surr: Phenol-d5	*			**0.00112**	0.0020		55.8			08/18/2021
Surr: p-Terphenyl-d14	*			**0.00106**	0.0010		105.7			08/18/2021

Client: ERM **Work Order:** 21080830

Client Project: Ameren Taylorville 3rd Qtr 2021 **Report Date:** 20-Aug-21

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

Batch **180950** **SampType:** **MBLK** Units **mg/L**

SampID: MBLK-180950

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**ND**						08/19/2021
Acenaphthylene		0.000100		**ND**						08/19/2021
Anthracene		0.000300		**ND**						08/19/2021
Benzo(a)anthracene		0.000100		**ND**						08/19/2021
Benzo(a)pyrene		0.000200		**ND**						08/19/2021
Benzo(b)fluoranthene		0.000100		**ND**						08/19/2021
Benzo(g,h,i)perylene		0.000200		**ND**						08/19/2021
Benzo(k)fluoranthene		0.000100		**ND**						08/19/2021
Bis(2-ethylhexyl)phthalate		0.00600		**ND**						08/19/2021
Chrysene		0.000100		**ND**						08/19/2021
Dibenzo(a,h)anthracene		0.000200		**ND**						08/19/2021
Di-n-butyl phthalate		0.0100		**ND**						08/19/2021
Fluoranthene		0.000300		**ND**						08/19/2021
Fluorene		0.000200		**ND**						08/19/2021
Indeno(1,2,3-cd)pyrene		0.000200		**ND**						08/19/2021
m,p-Cresol		0.0100		**ND**						08/19/2021
Naphthalene		0.000400		**ND**						08/19/2021
o-Cresol		0.0100		**ND**						08/19/2021
Phenanthrene		0.000600		**ND**						08/19/2021
Pyrene		0.000200		**ND**						08/19/2021
Surr: 2,4,6-Tribromophenol	*			**0.00168**	0.0020		83.9	49.4	123	08/19/2021
Surr: 2-Fluorobiphenyl	*			**0.000707**	0.0010		70.7	45.5	94.3	08/19/2021
Surr: 2-Fluorophenol	*			**0.00134**	0.0020		66.9	41.6	103	08/19/2021
Surr: Nitrobenzene-d5	*			**0.000672**	0.0010		67.2	51.6	102	08/19/2021
Surr: Phenol-d5	*			**0.00130**	0.0020		65.2	32.6	109	08/19/2021
Surr: p-Terphenyl-d14	*			**0.000990**	0.0010		99.0	60.8	130	08/19/2021

Client: ERM **Work Order:** 21080830

Client Project: Ameren Taylorville 3rd Qtr 2021 **Report Date:** 20-Aug-21

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

Batch **180950** **SampType:** **LCS** Units **mg/L**

SampID: LCS-180950

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**0.00150**	0.0020	0	75.1	54.7	110	08/19/2021
Acenaphthylene		0.000100		**0.00159**	0.0020	0	79.3	56.2	116	08/19/2021
Anthracene		0.000300		**0.00147**	0.0020	0	73.4	55.3	113	08/19/2021
Benzo(a)anthracene		0.000100		**0.00156**	0.0020	0	78.2	54.6	112	08/19/2021
Benzo(a)pyrene		0.000200		**0.00154**	0.0020	0	76.9	57.2	118	08/19/2021
Benzo(b)fluoranthene		0.000100		**0.00157**	0.0020	0	78.3	50.3	119	08/19/2021
Benzo(g,h,i)perylene		0.000200		**0.00144**	0.0020	0	72.1	59.3	122	08/19/2021
Benzo(k)fluoranthene		0.000100		**0.00150**	0.0020	0	74.9	58.8	114	08/19/2021
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0018**	0.0020	0	90.1	50	187	08/19/2021
Chrysene		0.000100		**0.00151**	0.0020	0	75.6	58.9	113	08/19/2021
Dibenzo(a,h)anthracene		0.000200		**0.00149**	0.0020	0	74.3	50	134	08/19/2021
Di-n-butyl phthalate		0.0100	J	**0.0018**	0.0020	0	88.4	62.7	144	08/19/2021
Fluoranthene		0.000300		**0.00160**	0.0020	0	80.0	61.2	114	08/19/2021
Fluorene		0.000200		**0.00160**	0.0020	0	80.0	61.6	110	08/19/2021
Indeno(1,2,3-cd)pyrene		0.000200		**0.00150**	0.0020	0	74.8	54.3	128	08/19/2021
m,p-Cresol		0.0100		**0.0151**	0.0200	0	75.5	48.1	116	08/19/2021
Naphthalene		0.000400		**0.00147**	0.0020	0	73.5	51.7	105	08/19/2021
o-Cresol		0.0100		**0.0150**	0.0200	0	75.0	50	115	08/19/2021
Phenanthrene		0.000600		**0.00157**	0.0020	0	78.7	60.9	121	08/19/2021
Pyrene		0.000200		**0.00153**	0.0020	0	76.6	59.1	114	08/19/2021
Surr: 2,4,6-Tribromophenol	*			**0.00167**	0.0020		83.7	49.4	123	08/19/2021
Surr: 2-Fluorobiphenyl	*			**0.000698**	0.0010		69.8	45.5	94.3	08/19/2021
Surr: 2-Fluorophenol	*			**0.00133**	0.0020		66.7	41.6	103	08/19/2021
Surr: Nitrobenzene-d5	*			**0.000706**	0.0010		70.6	51.6	102	08/19/2021
Surr: Phenol-d5	*			**0.00132**	0.0020		66.2	32.6	109	08/19/2021
Surr: p-Terphenyl-d14	*			**0.000937**	0.0010		93.7	60.8	130	08/19/2021

Client: ERM **Work Order:** 21080830

Client Project: Ameren Taylorville 3rd Qtr 2021 **Report Date:** 20-Aug-21

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

Batch **180950** **SampType:** **LCSD** Units **mg/L** RPD Limit: **40**

SampID: LCSD-180950

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		**0.00157**	0.0020	0	78.5	0.001502	4.50	08/19/2021
Acenaphthylene		0.000100		**0.00167**	0.0020	0	83.4	0.001587	4.95	08/19/2021
Anthracene		0.000300		**0.00151**	0.0020	0	75.6	0.001468	3.03	08/19/2021
Benzo(a)anthracene		0.000100		**0.00168**	0.0020	0	83.8	0.001564	6.91	08/19/2021
Benzo(a)pyrene		0.000200		**0.00156**	0.0020	0	78.2	0.001538	1.66	08/19/2021
Benzo(b)fluoranthene		0.000100		**0.00167**	0.0020	0	83.4	0.001567	6.26	08/19/2021
Benzo(g,h,i)perylene		0.000200		**0.00150**	0.0020	0	75.2	0.001442	4.18	08/19/2021
Benzo(k)fluoranthene		0.000100		**0.00160**	0.0020	0	79.8	0.001497	6.45	08/19/2021
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0020**	0.0020	0	99.7	0.001802	0.00	08/19/2021
Chrysene		0.000100		**0.00159**	0.0020	0	79.7	0.001513	5.29	08/19/2021
Dibenzo(a,h)anthracene		0.000200		**0.00155**	0.0020	0	77.4	0.001485	4.08	08/19/2021
Di-n-butyl phthalate		0.0100	J	**0.0019**	0.0020	0	93.3	0.001768	0.00	08/19/2021
Fluoranthene		0.000300		**0.00174**	0.0020	0	86.8	0.001600	8.15	08/19/2021
Fluorene		0.000200		**0.00168**	0.0020	0	84.1	0.001600	4.98	08/19/2021
Indeno(1,2,3-cd)pyrene		0.000200		**0.00158**	0.0020	0	79.1	0.001497	5.57	08/19/2021
m,p-Cresol		0.0100		**0.0152**	0.0200	0	76.1	0.01511	0.79	08/19/2021
Naphthalene		0.000400		**0.00153**	0.0020	0	76.5	0.001469	4.04	08/19/2021
o-Cresol		0.0100		**0.0153**	0.0200	0	76.4	0.01501	1.83	08/19/2021
Phenanthrene		0.000600		**0.00170**	0.0020	0	84.8	0.001573	7.54	08/19/2021
Pyrene		0.000200		**0.00166**	0.0020	0	83.2	0.001532	8.21	08/19/2021
Surr: 2,4,6-Tribromophenol	*			**0.00176**	0.0020		87.9			08/19/2021
Surr: 2-Fluorobiphenyl	*			**0.000756**	0.0010		75.6			08/19/2021
Surr: 2-Fluorophenol	*			**0.00137**	0.0020		68.3			08/19/2021
Surr: Nitrobenzene-d5	*			**0.000723**	0.0010		72.3			08/19/2021
Surr: Phenol-d5	*			**0.00134**	0.0020		66.8			08/19/2021
Surr: p-Terphenyl-d14	*			**0.000951**	0.0010		95.1			08/19/2021

Client: ERM **Work Order:** 21080830

Client Project: Ameren Taylorville 3rd Qtr 2021 **Report Date:** 20-Aug-21

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

Batch **180950** **SampType:** **MS** Units **mg/L**

SampID: 21080830-019AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**0.00153**	0.0020	0	76.3	28.3	133	08/19/2021
Acenaphthylene		0.000100		**0.00170**	0.0020	0	85.0	5	176	08/19/2021
Anthracene		0.000300		**0.00137**	0.0020	0	68.4	34.6	131	08/19/2021
Benzo(a)anthracene		0.000100		**0.00149**	0.0020	0	74.4	40.3	132	08/19/2021
Benzo(a)pyrene		0.000200		**0.00129**	0.0020	0	64.4	40.8	132	08/19/2021
Benzo(b)fluoranthene		0.000100		**0.00133**	0.0020	0	66.3	41.9	132	08/19/2021
Benzo(g,h,i)perylene		0.000200		**0.00137**	0.0020	0	68.5	46	132	08/19/2021
Benzo(k)fluoranthene		0.000100		**0.00142**	0.0020	0	71.2	49.4	126	08/19/2021
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0016**	0.0020	0	80.0	18.4	222	08/19/2021
Chrysene		0.000100		**0.00156**	0.0020	0	78.0	46.1	129	08/19/2021
Dibenzo(a,h)anthracene		0.000200		**0.00129**	0.0020	0	64.3	42.1	146	08/19/2021
Di-n-butyl phthalate		0.0100	J	**0.0016**	0.0020	0	81.6	59.6	146	08/19/2021
Fluoranthene		0.000300		**0.00159**	0.0020	0	79.4	23.9	164	08/19/2021
Fluorene		0.000200		**0.00161**	0.0020	0	80.3	24.3	148	08/19/2021
Indeno(1,2,3-cd)pyrene		0.000200		**0.00132**	0.0020	0	65.9	26.6	157	08/19/2021
m,p-Cresol		0.0100		**0.0125**	0.0200	0	62.5	5	156	08/19/2021
Naphthalene		0.000400		**0.00149**	0.0020	0	74.6	24.2	132	08/19/2021
o-Cresol		0.0100		**0.0120**	0.0200	0	60.2	38	113	08/19/2021
Phenanthrene		0.000600		**0.00146**	0.0020	0	73.0	36.6	139	08/19/2021
Pyrene		0.000200		**0.00157**	0.0020	0	78.7	14.6	169	08/19/2021
Surr: 2,4,6-Tribromophenol	*			**0.00187**	0.0020		93.6	10	179	08/19/2021
Surr: 2-Fluorobiphenyl	*			**0.000714**	0.0010		71.4	21.4	142	08/19/2021
Surr: 2-Fluorophenol	*			**0.00127**	0.0020		63.7	10	157	08/19/2021
Surr: Nitrobenzene-d5	*			**0.000714**	0.0010		71.4	15	163	08/19/2021
Surr: Phenol-d5	*			**0.00105**	0.0020		52.4	10	162	08/19/2021
Surr: p-Terphenyl-d14	*			**0.000942**	0.0010		94.2	10	173	08/19/2021

Client: ERM **Work Order:** 21080830

Client Project: Ameren Taylorville 3rd Qtr 2021 **Report Date:** 20-Aug-21

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

Batch **180950** **SampType:** **MSD** Units **mg/L** RPD Limit: **40**

SampID: 21080830-019AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		**0.00149**	0.0020	0	74.6	0.001526	2.19	08/19/2021
Acenaphthylene		0.000100		**0.00184**	0.0020	0	91.9	0.001699	7.89	08/19/2021
Anthracene		0.000300		**0.00152**	0.0020	0	75.9	0.001367	10.44	08/19/2021
Benzo(a)anthracene		0.000100		**0.00156**	0.0020	0	78.1	0.001488	4.81	08/19/2021
Benzo(a)pyrene		0.000200		**0.00130**	0.0020	0	65.0	0.001288	0.92	08/19/2021
Benzo(b)fluoranthene		0.000100		**0.00142**	0.0020	0	71.1	0.001326	6.90	08/19/2021
Benzo(g,h,i)perylene		0.000200		**0.00135**	0.0020	0	67.5	0.001370	1.52	08/19/2021
Benzo(k)fluoranthene		0.000100		**0.00147**	0.0020	0	73.5	0.001424	3.21	08/19/2021
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0016**	0.0020	0	78.7	0.001599	0.00	08/19/2021
Chrysene		0.000100		**0.00158**	0.0020	0	78.9	0.001559	1.20	08/19/2021
Dibenzo(a,h)anthracene		0.000200		**0.00133**	0.0020	0	66.7	0.001286	3.66	08/19/2021
Di-n-butyl phthalate		0.0100	J	**0.0017**	0.0020	0	85.6	0.001633	0.00	08/19/2021
Fluoranthene		0.000300		**0.00164**	0.0020	0	81.8	0.001588	2.97	08/19/2021
Fluorene		0.000200		**0.00162**	0.0020	0	81.0	0.001606	0.95	08/19/2021
Indeno(1,2,3-cd)pyrene		0.000200		**0.00131**	0.0020	0	65.5	0.001318	0.66	08/19/2021
m,p-Cresol		0.0100		**0.0132**	0.0200	0	66.0	0.01250	5.45	08/19/2021
Naphthalene		0.000400		**0.00164**	0.0020	0	82.0	0.001492	9.39	08/19/2021
o-Cresol		0.0100		**0.0131**	0.0200	0	65.6	0.01203	8.64	08/19/2021
Phenanthrene		0.000600		**0.00164**	0.0020	0	82.1	0.001460	11.69	08/19/2021
Pyrene		0.000200		**0.00172**	0.0020	0	85.8	0.001575	8.58	08/19/2021
Surr: 2,4,6-Tribromophenol	*			**0.00188**	0.0020		93.8			08/19/2021
Surr: 2-Fluorobiphenyl	*			**0.000676**	0.0010		67.6			08/19/2021
Surr: 2-Fluorophenol	*			**0.00127**	0.0020		63.6			08/19/2021
Surr: Nitrobenzene-d5	*			**0.000777**	0.0010		77.7			08/19/2021
Surr: Phenol-d5	*			**0.000971**	0.0020		48.6			08/19/2021
Surr: p-Terphenyl-d14	*			**0.000911**	0.0010		91.1			08/19/2021

Client: ERM **Work Order:** 21080830

Client Project: Ameren Taylorville 3rd Qtr 2021 **Report Date:** 20-Aug-21

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

Batch 180777 **SampType:** MBLK Units **µg/L**

SampID: MBLK-AE210813A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**ND**						08/13/2021
Bromoform	*	2.0		**ND**						08/13/2021
Ethylbenzene	*	2.0		**ND**						08/13/2021
m,p-Xylenes	*	2.0		**ND**						08/13/2021
Methylene chloride	*	2.0		**ND**						08/13/2021
Naphthalene	*	5.0		**ND**						08/13/2021
o-Xylene	*	2.0		**ND**						08/13/2021
Toluene	*	2.0		**ND**						08/13/2021
trans-1,2-Dichloroethene	*	2.0		**ND**						08/13/2021
Xylenes, Total	*	4.0		**ND**						08/13/2021
Surr: 1,2-Dichloroethane-d4	*			**51.2**	50.00		102.4	80	120	08/13/2021
Surr: 4-Bromofluorobenzene	*			**49.5**	50.00		99.0	80	120	08/13/2021
Surr: Dibromofluoromethane	*			**50.1**	50.00		100.1	80	120	08/13/2021
Surr: Toluene-d8	*			**50.1**	50.00		100.1	80	120	08/13/2021

Batch 180777 **SampType:** LCS Units **µg/L**

SampID: LCS-AE210813A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**49.5**	50.00	0	99.0	78.5	119	08/13/2021
Bromoform	*	2.0		**53.8**	50.00	0	107.7	78.9	121	08/13/2021
Ethylbenzene	*	2.0		**52.0**	50.00	0	103.9	78.2	114	08/13/2021
m,p-Xylenes	*	2.0		**103**	100.0	0	103.1	77.2	116	08/13/2021
Methylene chloride	*	2.0		**49.2**	50.00	0	98.4	71.8	115	08/13/2021
Naphthalene	*	5.0		**52.3**	50.00	0	104.6	75.6	121	08/13/2021
o-Xylene	*	2.0		**49.9**	50.00	0	99.7	79.2	112	08/13/2021
Toluene	*	2.0		**50.2**	50.00	0	100.4	78.6	112	08/13/2021
trans-1,2-Dichloroethene	*	2.0		**52.0**	50.00	0	104.0	75.7	130	08/13/2021
Xylenes, Total	*	4.0		**153**	150.0	0	102.0	78.3	114	08/13/2021
Surr: 1,2-Dichloroethane-d4	*			**48.9**	50.00		97.8	80	120	08/13/2021
Surr: 4-Bromofluorobenzene	*			**50.0**	50.00		100.0	80	120	08/13/2021
Surr: Dibromofluoromethane	*			**50.2**	50.00		100.4	80	120	08/13/2021
Surr: Toluene-d8	*			**49.1**	50.00		98.3	80	120	08/13/2021

Client: ERM **Work Order:** 21080830

Client Project: Ameren Taylorville 3rd Qtr 2021 **Report Date:** 20-Aug-21

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

Batch 180777 **SampType:** LCSD Units **µg/L** RPD Limit: **15.9**

SampID: LCSD-AE210813A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	*	0.5		**49.1**	50.00	0	98.3	49.48	0.69	08/13/2021
Bromoform	*	2.0		**53.6**	50.00	0	107.2	53.85	0.43	08/13/2021
Ethylbenzene	*	2.0		**51.2**	50.00	0	102.4	51.95	1.49	08/13/2021
m,p-Xylenes	*	2.0		**102**	100.0	0	101.9	103.1	1.16	08/13/2021
Methylene chloride	*	2.0		**48.6**	50.00	0	97.2	49.22	1.25	08/13/2021
Naphthalene	*	5.0		**50.6**	50.00	0	101.2	52.30	3.30	08/13/2021
o-Xylene	*	2.0		**49.0**	50.00	0	98.0	49.86	1.72	08/13/2021
Toluene	*	2.0		**49.2**	50.00	0	98.3	50.19	2.09	08/13/2021
trans-1,2-Dichloroethene	*	2.0		**51.2**	50.00	0	102.3	51.98	1.61	08/13/2021
Xylenes, Total	*	4.0		**151**	150.0	0	100.6	152.9	1.34	08/13/2021
Surr: 1,2-Dichloroethane-d4	*			**49.9**	50.00		99.8			08/13/2021
Surr: 4-Bromofluorobenzene	*			**50.1**	50.00		100.2			08/13/2021
Surr: Dibromofluoromethane	*			**50.6**	50.00		101.3			08/13/2021
Surr: Toluene-d8	*			**50.0**	50.00		100.0			08/13/2021

Batch 180777 **SampType:** MS Units **µg/L**

SampID: 21080830-004BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene		25.0		**2870**	2500	651.5	88.6	72	120	08/13/2021
Ethylbenzene		50.0		**2570**	2500	235.0	93.3	74.8	115	08/13/2021
m,p-Xylenes		50.0		**2370**	2500	135.0	89.4	69.7	115	08/13/2021
o-Xylene		50.0		**2290**	2500	108.0	87.4	72.9	111	08/13/2021
Toluene		100		**2420**	2500	256.0	86.7	70.6	109	08/13/2021
Xylenes, Total		100		**4660**	5000	243.0	88.4	72.1	113	08/13/2021
Surr: 1,2-Dichloroethane-d4	*			**2540**	2500		101.6	80	120	08/13/2021
Surr: 4-Bromofluorobenzene	*			**2540**	2500		101.6	80	120	08/13/2021
Surr: Dibromofluoromethane	*			**2510**	2500		100.4	80	120	08/13/2021
Surr: Toluene-d8	*			**2470**	2500		99.0	80	120	08/13/2021

Client: ERM **Work Order:** 21080830

Client Project: Ameren Taylorville 3rd Qtr 2021 **Report Date:** 20-Aug-21

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

Batch **180777** **SampType:** **MSD** Units **µg/L** RPD Limit: **20**

SampID: 21080830-004BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene		25.0		**2980**	2500	651.5	93.0	2867	3.71	08/13/2021
Ethylbenzene		50.0		**2700**	2500	235.0	98.6	2568	4.95	08/13/2021
m,p-Xylenes		50.0		**2530**	2500	135.0	95.7	2370	6.39	08/13/2021
o-Xylene		50.0		**2420**	2500	108.0	92.4	2294	5.26	08/13/2021
Toluene		100		**2540**	2500	256.0	91.4	2424	4.73	08/13/2021
Xylenes, Total		100		**4940**	5000	243.0	94.0	4664	5.84	08/13/2021
Surr: 1,2-Dichloroethane-d4	*			**2560**	2500		102.4			08/13/2021
Surr: 4-Bromofluorobenzene	*			**2520**	2500		101.0			08/13/2021
Surr: Dibromofluoromethane	*			**2490**	2500		99.6			08/13/2021
Surr: Toluene-d8	*			**2480**	2500		99.2			08/13/2021

Batch **180824** **SampType:** **MBLK** Units **µg/L**

SampID: MBLK-AE210813A-2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**ND**						08/13/2021
Bromoform	*	2.0		**ND**						08/13/2021
Ethylbenzene	*	2.0		**ND**						08/13/2021
m,p-Xylenes	*	2.0		**ND**						08/13/2021
Methylene chloride	*	2.0		**ND**						08/13/2021
Naphthalene	*	5.0		**ND**						08/13/2021
o-Xylene	*	2.0		**ND**						08/13/2021
Toluene	*	2.0		**ND**						08/13/2021
trans-1,2-Dichloroethene	*	2.0		**ND**						08/13/2021
Xylenes, Total	*	4.0		**ND**						08/13/2021
Surr: 1,2-Dichloroethane-d4	*			**51.0**	50.00		102.0	80	120	08/13/2021
Surr: 4-Bromofluorobenzene	*			**51.5**	50.00		102.9	80	120	08/13/2021
Surr: Dibromofluoromethane	*			**49.3**	50.00		98.6	80	120	08/13/2021
Surr: Toluene-d8	*			**49.9**	50.00		99.7	80	120	08/13/2021

Client: ERM **Work Order:** 21080830

Client Project: Ameren Taylorville 3rd Qtr 2021 **Report Date:** 20-Aug-21

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

Batch 180824 **SampType:** LCS Units **µg/L**

SampID: LCS-AE210813A-2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**50.6**	50.00	0	101.2	78.5	119	08/13/2021
Bromoform	*	2.0		**53.9**	50.00	0	107.8	78.9	121	08/13/2021
Ethylbenzene	*	2.0		**52.1**	50.00	0	104.3	78.2	114	08/13/2021
m,p-Xylenes	*	2.0		**104**	100.0	0	103.8	77.2	116	08/13/2021
Methylene chloride	*	2.0		**50.2**	50.00	0	100.5	71.8	115	08/13/2021
Naphthalene	*	5.0		**53.0**	50.00	0	105.9	75.6	121	08/13/2021
o-Xylene	*	2.0		**50.4**	50.00	0	100.8	79.2	112	08/13/2021
Toluene	*	2.0		**50.3**	50.00	0	100.7	78.6	112	08/13/2021
trans-1,2-Dichloroethene	*	2.0		**52.3**	50.00	0	104.5	75.7	130	08/13/2021
Xylenes, Total	*	4.0		**154**	150.0	0	102.8	78.3	114	08/13/2021
Surr: 1,2-Dichloroethane-d4	*			**49.8**	50.00		99.7	80	120	08/13/2021
Surr: 4-Bromofluorobenzene	*			**50.6**	50.00		101.1	80	120	08/13/2021
Surr: Dibromofluoromethane	*			**50.0**	50.00		100.0	80	120	08/13/2021
Surr: Toluene-d8	*			**49.3**	50.00		98.6	80	120	08/13/2021

Batch 180824 **SampType:** LCSD Units **µg/L** RPD Limit: **15.9**

SampID: LCSD-AE210813A-2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	*	0.5		**51.8**	50.00	0	103.5	50.61	2.25	08/13/2021
Bromoform	*	2.0		**54.2**	50.00	0	108.3	53.92	0.46	08/13/2021
Ethylbenzene	*	2.0		**52.6**	50.00	0	105.2	52.13	0.94	08/13/2021
m,p-Xylenes	*	2.0		**104**	100.0	0	104.4	103.8	0.66	08/13/2021
Methylene chloride	*	2.0		**51.6**	50.00	0	103.3	50.23	2.79	08/13/2021
Naphthalene	*	5.0		**51.7**	50.00	0	103.4	52.96	2.37	08/13/2021
o-Xylene	*	2.0		**50.4**	50.00	0	100.9	50.42	0.04	08/13/2021
Toluene	*	2.0		**51.2**	50.00	0	102.4	50.33	1.71	08/13/2021
trans-1,2-Dichloroethene	*	2.0		**54.0**	50.00	0	107.9	52.27	3.18	08/13/2021
Xylenes, Total	*	4.0		**155**	150.0	0	103.3	154.2	0.46	08/13/2021
Surr: 1,2-Dichloroethane-d4	*			**50.3**	50.00		100.6			08/13/2021
Surr: 4-Bromofluorobenzene	*			**49.7**	50.00		99.4			08/13/2021
Surr: Dibromofluoromethane	*			**51.2**	50.00		102.4			08/13/2021
Surr: Toluene-d8	*			**49.6**	50.00		99.2			08/13/2021

Client: ERM **Work Order:** 21080830

Client Project: Ameren Taylorville 3rd Qtr 2021 **Report Date:** 20-Aug-21

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

Batch 180824 **SampType:** MS Units **µg/L**

SampID: 21080830-019BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene		0.50		**45.5**	50.00	0.4500	90.1	72	120	08/14/2021
Ethylbenzene		1.00		**47.8**	50.00	0	95.7	74.8	115	08/14/2021
m,p-Xylenes		1.00		**45.9**	50.00	0	91.8	69.7	115	08/14/2021
o-Xylene		1.00		**44.8**	50.00	0	89.5	72.9	111	08/14/2021
Toluene		2.00		**44.7**	50.00	0	89.5	70.6	109	08/14/2021
Xylenes, Total		2.00		**90.7**	100.0	0	90.7	72.1	113	08/14/2021
Surr: 1,2-Dichloroethane-d4	*			**51.0**	50.00		101.9	80	120	08/14/2021
Surr: 4-Bromofluorobenzene	*			**49.4**	50.00		98.7	80	120	08/14/2021
Surr: Dibromofluoromethane	*			**49.4**	50.00		98.8	80	120	08/14/2021
Surr: Toluene-d8	*			**50.1**	50.00		100.1	80	120	08/14/2021

Batch 180824 **SampType:** MSD Units **µg/L** RPD Limit: **20**

SampID: 21080830-019BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene		0.50		**46.9**	50.00	0.4500	92.9	45.50	2.99	08/14/2021
Ethylbenzene		1.00		**49.0**	50.00	0	98.0	47.84	2.44	08/14/2021
m,p-Xylenes		1.00		**46.8**	50.00	0	93.7	45.90	2.03	08/14/2021
o-Xylene		1.00		**46.1**	50.00	0	92.3	44.77	2.99	08/14/2021
Toluene		2.00		**45.7**	50.00	0	91.4	44.73	2.19	08/14/2021
Xylenes, Total		2.00		**93.0**	100.0	0	93.0	90.67	2.50	08/14/2021
Surr: 1,2-Dichloroethane-d4	*			**51.0**	50.00		102.0			08/14/2021
Surr: 4-Bromofluorobenzene	*			**50.7**	50.00		101.4			08/14/2021
Surr: Dibromofluoromethane	*			**49.4**	50.00		98.8			08/14/2021
Surr: Toluene-d8	*			**49.6**	50.00		99.3			08/14/2021

Client: ERM **Work Order:** 21080830

Client Project: Ameren Taylorville 3rd Qtr 2021 **Report Date:** 20-Aug-21

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

Batch 180866 **SampType:** MBLK Units **µg/L**

SampID: MBLK-AE210816A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**ND**						08/16/2021
Bromoform	*	2.0		**ND**						08/16/2021
Ethylbenzene	*	2.0		**ND**						08/16/2021
m,p-Xylenes	*	2.0		**ND**						08/16/2021
Methylene chloride	*	2.0		**ND**						08/16/2021
Naphthalene	*	5.0		**ND**						08/16/2021
o-Xylene	*	2.0		**ND**						08/16/2021
Toluene	*	2.0		**ND**						08/16/2021
trans-1,2-Dichloroethene	*	2.0		**ND**						08/16/2021
Xylenes, Total	*	4.0		**ND**						08/16/2021
Surr: 1,2-Dichloroethane-d4	*			**50.4**	50.00		100.8	80	120	08/16/2021
Surr: 4-Bromofluorobenzene	*			**50.2**	50.00		100.5	80	120	08/16/2021
Surr: Dibromofluoromethane	*			**50.0**	50.00		100.1	80	120	08/16/2021
Surr: Toluene-d8	*			**49.4**	50.00		98.7	80	120	08/16/2021

Batch 180866 **SampType:** LCS Units **µg/L**

SampID: LCS-AE210816A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**48.2**	50.00	0	96.3	78.5	119	08/16/2021
Bromoform	*	2.0		**52.2**	50.00	0	104.4	78.9	121	08/16/2021
Ethylbenzene	*	2.0		**48.2**	50.00	0	96.4	78.2	114	08/16/2021
m,p-Xylenes	*	2.0		**96.4**	100.0	0	96.4	77.2	116	08/16/2021
Methylene chloride	*	2.0		**48.6**	50.00	0	97.1	71.8	115	08/16/2021
Naphthalene	*	5.0		**52.2**	50.00	0	104.5	75.6	121	08/16/2021
o-Xylene	*	2.0		**47.2**	50.00	0	94.4	79.2	112	08/16/2021
Toluene	*	2.0		**47.4**	50.00	0	94.8	78.6	112	08/16/2021
trans-1,2-Dichloroethene	*	2.0		**49.6**	50.00	0	99.2	75.7	130	08/16/2021
Xylenes, Total	*	4.0		**144**	150.0	0	95.7	78.3	114	08/16/2021
Surr: 1,2-Dichloroethane-d4	*			**50.6**	50.00		101.2	80	120	08/16/2021
Surr: 4-Bromofluorobenzene	*			**50.0**	50.00		100.0	80	120	08/16/2021
Surr: Dibromofluoromethane	*			**50.6**	50.00		101.2	80	120	08/16/2021
Surr: Toluene-d8	*			**49.1**	50.00		98.2	80	120	08/16/2021

Client: ERM **Work Order:** 21080830

Client Project: Ameren Taylorville 3rd Qtr 2021 **Report Date:** 20-Aug-21

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

Batch **180866** **SampType:** **LCSD** Units **µg/L** RPD Limit: **15.9**

SampID: LCSD-AE210816A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	*	0.5		**53.2**	50.00	0	106.5	48.15	10.04	08/16/2021
Bromoform	*	2.0		**58.0**	50.00	0	116.0	52.21	10.52	08/16/2021
Ethylbenzene	*	2.0		**55.1**	50.00	0	110.2	48.18	13.42	08/16/2021
m,p-Xylenes	*	2.0		**109**	100.0	0	108.9	96.38	12.19	08/16/2021
Methylene chloride	*	2.0		**53.9**	50.00	0	107.7	48.55	10.37	08/16/2021
Naphthalene	*	5.0		**55.1**	50.00	0	110.2	52.23	5.38	08/16/2021
o-Xylene	*	2.0		**53.2**	50.00	0	106.3	47.21	11.84	08/16/2021
Toluene	*	2.0		**53.3**	50.00	0	106.6	47.41	11.68	08/16/2021
trans-1,2-Dichloroethene	*	2.0		**55.6**	50.00	0	111.1	49.58	11.39	08/16/2021
Xylenes, Total	*	4.0		**162**	150.0	0	108.0	143.6	12.07	08/16/2021
Surr: 1,2-Dichloroethane-d4	*			**50.4**	50.00		100.7			08/16/2021
Surr: 4-Bromofluorobenzene	*			**50.1**	50.00		100.2			08/16/2021
Surr: Dibromofluoromethane	*			**50.4**	50.00		100.8			08/16/2021
Surr: Toluene-d8	*			**50.0**	50.00		99.9			08/16/2021

Receiving Check List

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 3rd Qtr 2021

Work Order: 21080830

Report Date: 20-Aug-21

Carrier: Casey Burnstein

Received By: ERH

Completed by: Mary E. Kemp
On: 13-Aug-21

Reviewed by: Marvin L. Darling II
On: 13-Aug-21

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

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C 3.6
Type of thermal preservation?	None ☐	Ice ☑	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☐	No ☑		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Reported field parameters measured:	Field ☐	Lab ☐	NA ☑	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐		
When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.				
Water – at least one vial per sample has zero headspace?	Yes ☑	No ☐	No VOA vials ☐	
Water - TOX containers have zero headspace?	Yes ☐	No ☐	No TOX containers ☑	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	NA ☐	
NPDES/CWA TCN interferences checked/treated in the field?	Yes ☐	No ☐	NA ☑	

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

GW18D was not received; GW-11D was received but not on chain of custody. Per Matt O., the sample labeled as GW-11D should be reported as GW-18D (identified by collection time). - EEP/MEK 8/13/21 0900

Trip Blank collection date and time will be reported as the received date and time (end of trip). - MKemp - 8/13/2021 9:21:07 AM

CHAIN OF CUSTODY

pg. 1 of 3 Work order # 21080830

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 3.0 °C LTG# 3
Preserved In: ☐ LAB ☐ FIELD **FOR LAB USE ONLY**
Lab Notes: Zero HS
Received GW 11D 8/11/21 1205, not on COC. Did not receive

Client Comments GW 18D (time match). EEP 8/13/21
* michael

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

Project Name/Number	Sample Collector's Name
Ameren Taylorville 3rd Qtr 2021	Burnstain

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
21080830001	GW-01	8/11/21 ; 0930	1	2		X		X	X
002	GW-02	8/11/21 ; 1155	1	2		X		X	X
003	GW-03	8/11/21 ; 1120	1	2		X		X	X
004	GW-04R	8/12/21 ; 1350	1	2		X		X	X
005	GW-05	8/12/21 ; 0805	1	2		X		X	X
006	GW-07	8/12/21 ; 1030	1	2		X		X	X
007	GW-14	8/12/21 ; 0915	1	2		X		X	X
008	GW-15	8/12/21 ; 1330	1	2		X		X	X
009	GW-16S	8/10/21 ; 1625	1	2		X		X	X
010	GW-16D	8/10/21 ; 1600	1	2		X		X	X

Relinquished By	Date/Time	Received By	Date/Time
[signature]	8/12/2021 ; 1550	[signature]	8/12/21 1550

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: 67084 F4969781A 292B2B6B5 C5

CHAIN OF CUSTODY

pg. 2 of 3 Work order # 21080830

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 **Phone:** (217) 529-0914
E-Mail: brett.carney@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 3rd Qtr 2021	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												
21080830-011	GW-17 TF MEK 8/13/21	8/10/21; 1705	1	2								X					X	X												
012	GW-18S	8/11/21; 1555	1	2								X					X	X												
013	GW-18D *	8/11/21; 1705	1	2								X					X	X												
014	GW-19S	8/11/21; 1440	1	2								X					X	X												
015	GW-19D	8/11/21; 1415	1	2								X					X	X												
016	GW-20	8/11/21; 0825	1	2								X					X	X												
017	GW-21	8/11/21; 0745	1	2								X					X	X												
018	GW-22S	8/11/21; 1030	1	2								X					X	X												
019	GW-22D	8/12/21; 1225	1	2								X					X	X												
	~~GW-24~~		~~1~~	~~2~~								~~X~~					~~X~~	~~X~~												

Relinquished By	Date/Time	Received By	Date/Time
[signature]	8/12/2021; 1550	[signature]	8/12/21 1550

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: 67084 F4969781A 292B2B6B5 C5

CHAIN OF CUSTODY

pg. 3 of 3 Work order # 21080830

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 **Phone:** (217) 529-0914
E-Mail: brett.carney@erm.com **Fax:**

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

Client Comments: MS/MSD 1 collected at GW-22D

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

Project Name/Number	Sample Collector's Name
Ameren Taylorville 3rd Qtr 2021	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												
21080830-020	~~Dup 1~~ GW-22D-DUP	8/11/21; 1030	1	2								X					X	X												
	~~Field Blank 1~~		~~1~~	~~2~~							~~X~~						~~X~~	~~X~~		CB										
024	Trip Blank 1			2									X					X												
025	Trip Blank 2			2									X					X												
	~~Trip Blank 3~~			~~2~~									~~X~~					~~X~~		CB										
	~~Trip Blank 4~~			~~2~~									~~X~~					~~X~~		CB										
021	~~Dup 2~~ GW-4R-DUP	8/12/21; 1350	1	2								X					X	X												
022	GW-25	8/11/21; 1745	1	2								X					X	X												
023	GW-26	8/12/21; 1110	1	2								X					X	X												
	MS/MSD 1	8/12/21; 1225										X					X	X												

Relinquished By	Date/Time	Received By	Date/Time
[signature]	8/12/2021; 1550	[signature]	8/12/21 1550

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: 67084 F4969781A 292B2B6B5 C5

ATTACHMENT B

SUMMARY OF ANALYTICAL RESULTS 2015 – AUGUST 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	Result 8/11/2021
Acenaphthene	mg/L	0.42	NA	< 0.0001
Acenaphthylene	mg/L	-	NA	< 0.0001
Anthracene	mg/L	2.1	NA	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	NA	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	NA	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	NA	**0.000074 J**
Benzo(g,h,i)perylene	mg/L	-	NA	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	NA	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	NA	< 0.002
Chrysene	mg/L	0.0015	NA	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	NA	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	NA	< 0.01
Fluoranthene	mg/L	0.28	NA	< 0.0003
Fluorene	mg/L	0.28	NA	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	NA	< 0.0002
m,p-Cresol	mg/L	-	NA	< 0.01
o-Cresol	mg/L	0.35	NA	< 0.01
Naphthalene	mg/L	0.14	NA	< 0.0004
Phenanthrene	mg/L	-	NA	< 0.0006
Pyrene	mg/L	0.21	NA	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1
Toluene	µg/L	1000	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter
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
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA 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 5/16/2017	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
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA 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 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	Result 8/11/2021	
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	**0.000074**	**J**
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00206**	**0.0195**	
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	
m,p-Cresol	mg/L	-	< 0.01	< 0.01	
o-Cresol	mg/L	0.35	< 0.0004	< 0.01	
Naphthalene	mg/L	0.14	< 0.01	< 0.0004	
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	
Benzene	µg/L	5.0	< 0.5	< 0.5	
Bromoform	µg/L	1.0	< 2	< 2	
Ethylbenzene	µg/L	700	< 1	< 1	
m,p-Xylenes	µg/L	-	< 1	< 1	
Methylene chloride	µg/L	5.0	< 2	< 2	
Naphthalene	µg/L	140	< 2	< 2	
o-Xylene	µg/L	-	< 1	< 1	
Toluene	µg/L	1000	< 2	< 2	
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	
Xylenes, Total	µg/L	10000	< 2	< 2	

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

Attachment 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:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA 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:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA 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	Result 8/11/2021
Acenaphthene	mg/L	0.42	**0.00078**	**0.000795**	**0.000597**	**0.000938**
Acenaphthylene	mg/L	-	**0.00346**	**0.00309**	**0.00245**	**0.00292**
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	**0.00024** J
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00316**	< 0.002	**0.0018** J	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	**0.00228**	**0.00235**	**0.00159**	**0.00262**
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	**0.239**	**0.181**	**0.202** S	**0.157**
Phenanthrene	mg/L	-	**0.001080**	**0.000925**	**0.000769**	**0.00127**
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	**23.6**	**22.8**	**10.4**	**24.2**
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	**32.4**	**31.6**	**12.5**	**37.9**
m,p-Xylenes	µg/L	-	**25.8**	**25.5**	**6.19**	**16.4**
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	**421**	**425**	**285** E	**511**
o-Xylene	µg/L	-	**41.7**	**40.7**	**15.7**	**38**
Toluene	µg/L	1000	**5.63**	**5.52**	**1.3** J	**4.37**
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	**67.5**	**66.2**	**21.9**	**54.4**

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-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
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA 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
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA 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 8/12/2021	Result - DUP 8/12/2021
Acenaphthene	mg/L	0.42	**0.022**	**0.0239**
Acenaphthylene	mg/L	-	**0.00618**	**0.00584**
Anthracene	mg/L	2.1	**0.000745**	**0.000691**
Benzo(a)anthracene	mg/L	0.00013	**0.000158**	**0.000173**
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	**0.000125**	**0.000192**
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002
Chrysene	mg/L	0.0015	**0.000491**	**0.000501**
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	**0.00379**	**0.00404**
Fluorene	mg/L	0.28	**0.0689**	**0.0776**
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	**0.007 J**	**0.0083 J**
o-Cresol	mg/L	0.35	**0.0095 J**	**0.0074 J**
Naphthalene	mg/L	0.14	**1.62**	**1.75**
Phenanthrene	mg/L	-	**0.0562**	**0.0609**
Pyrene	mg/L	0.21	**0.00184**	**0.00184**
Benzene	µg/L	5.0	**652**	**658**
Bromoform	µg/L	1.0	< 100	< 2
Ethylbenzene	µg/L	700	**235**	**243**
m,p-Xylenes	µg/L	-	**135**	**146**
Methylene chloride	µg/L	5.0	< 100	< 2
Naphthalene	µg/L	140	**3020**	**3020**
o-Xylene	µg/L	-	**108**	**118**
Toluene	µg/L	1000	**256**	**255**
trans-1,2-Dichloroethene	µg/L	100	< 100	< 2
Xylenes, Total	µg/L	10000	**243**	**265**

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA 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
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA 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:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA 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	Result 8/12/2021
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	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00845 S**	**0.0087**	**0.00374**	**0.00627**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01 R	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.0100 SR	< 0.01	< 0.0004	< 0.01
Naphthalene	mg/L	0.14	**0.00159 S**	**0.00111**	< 0.01	**0.00194**
Phenanthrene	mg/L	-	< 0.0006	**0.000838**	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	**0.000221**	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	**0.18 J**	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	**0.25 J**	**0.22 J**	< 1	< 1
m,p-Xylenes	µg/L	-	**0.29 J**	**0.2 J**	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	**0.17 JS**	**0.14 J**	< 1	< 1
Toluene	µg/L	1000	< 2	**0.12 J**	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	**0.46 J**	**0.34 J**	< 2	< 2

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

Attachment 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:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA 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 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-07 Analyte	Unit	Remediation Objective (RO)	Result 8/12/2021	
Acenaphthene	mg/L	0.42	**0.000079**	**J**
Acenaphthylene	mg/L	-	**0.000137**	
Anthracene	mg/L	2.1	**0.00124**	
Benzo(a)anthracene	mg/L	0.00013	**0.000186**	
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	**0.00233**	
Chrysene	mg/L	0.0015	**0.000122**	
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	**0.00146**	
Fluorene	mg/L	0.28	**0.000305**	
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	
m,p-Cresol	mg/L	-	< 0.01	
o-Cresol	mg/L	0.35	**0.01**	
Naphthalene	mg/L	0.14	< 0.0004	
Phenanthrene	mg/L	-	< 0.0006	
Pyrene	mg/L	0.21	**0.00233**	
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-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
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA 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	Result 8/12/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.000217	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.000145	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0108**	**0.00417 C**	**0.0336 C**	**0.00766**	**0.00935**	**0.00934**	**0.0139**
Chrysene	mg/L	0.0015	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.00725	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.000217	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.000145	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.00725	< 0.01	< 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	0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.00029	< 0.0004	< 0.01	< 0.01	< 0.01	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.000435	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.000145	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
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	**2.88**	< 2	**0.38 J**	< 2 B	**1.6 J**	**0.49 J**	< 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-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
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA 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 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
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA 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	Result 8/12/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	**0.000058 J**	< 0.000074	< 0.0001	**0.000081 J**	< 0.0001	0.000063 J	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000222	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	**0.000061 J**	< 0.000074	< 0.0001	**0.000084 J**	< 0.0001	< 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	< 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	**0.000075 J**
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	< 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	< 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	< 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	< 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	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000222	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000148	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	**0.000085 J**	< 0.000074	**0.000074 J**	< 0.0001	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.0004	< 0.0004	< 0.0004	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000296	< 0.0004	< 0.01	< 0.01	< 0.01	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000444	< 0.0006	< 0.0006	< 0.0006 R	< 0.0006	< 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	< 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	< 2	< 2	**1.6 J**	**1.7 J**	< 2	< 2	< 2 B	**1.1 J**	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 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-16S Analyte	Unit	Remediation Objective (RO)	Result 3/2/2015	Result 5/12/2015	Result 8/18/2015	Result 11/2/2015	Result 2/17/2016	Result 5/24/2016	Result 8/16/2016	Result 11/15/2016	Result 2/14/2017	Result 5/15/2017	Result 8/16/2017
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	---	---	---	---	**0.00264**	**0.00446**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	**0.00017** J	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	**0.62**	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA 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	Result 8/10/2021
Acenaphthene	mg/L	0.42	< 0.000076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.000076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.000227	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.000076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.000076	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000076 J**
Benzo(g,h,i)perylene	mg/L	-	< 0.000152	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00207 C**	**0.00771 C**	**0.00589**	< 0.002	**0.00203**	**0.0068**
Chrysene	mg/L	0.0015	< 0.000076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000076	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.00758	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.000227	< 0.0003	< 0.0003	< 0.0003	< 0.0003	**0.00057**
Fluorene	mg/L	0.28	< 0.000152	< 0.0002	< 0.0002	< 0.0002	< 0.0002	**0.000992**
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000076	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.00758	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.00758	< 0.01	< 0.0004	< 0.0004	< 0.0004	< 0.01
Naphthalene	mg/L	0.14	< 0.000303	**0.00164**	< 0.01	< 0.01	< 0.01	< 0.0004
Phenanthrene	mg/L	-	< 0.000455	< 0.0006	< 0.0006	< 0.0006	< 0.0006	**0.00255**
Pyrene	mg/L	0.21	< 0.000152	< 0.0002	< 0.0002	< 0.0002	< 0.0002	**0.000486**
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 B	**0.43 J**	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2

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

Attachment 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	Result 5/10/2021	Result 8/10/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000222	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000076 J**
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	< 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	< 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**	**0.002 J**	**0.00206**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000222	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000148	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.0004	< 0.0004	< 0.0004	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000296	< 0.0004	< 0.01	< 0.01	< 0.01	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000444	< 0.0006	< 0.0006	**0.00101**	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000148	< 0.0002	< 0.0002	< 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	< 0.5	**0.15 J**
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	< 2 B	< 2	**0.79 J**	**0.83 J**	< 2	< 2	< 2 B	**0.34 J**	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 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-17 Analyte	Unit	Remediation Objective (RO)	Result 3/2/2015	Result 5/12/2015	Result 8/18/2015	Result 11/2/2015	Result 2/17/2016	Result 5/24/2016	Result 8/16/2016	Result 11/15/2016	Result 2/14/2017	Result 5/15/2017	Result 8/16/2017
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	---	---	---	---	**0.00225**	**0.00328**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	**0.0001 J**	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	**0.98 B**	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	**0.5 J**	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

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

Attachment 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	Result 8/10/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000074 J
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00467 C**	< 0.002 C	**0.0029**	< 0.002	0.00739
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	**0.000078 J**	< 0.0001	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.0004	< 0.0004	< 0.0004	< 0.01
Naphthalene	mg/L	0.14	< 0.0004	< 0.01	< 0.01	< 0.01	< 0.0004
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 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 B	**0.38 J**	< 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-18S Analyte	Unit	Remediation Objective (RO)	Result 3/4/2015	Result 5/12/2015	Result 8/19/2015	Result 11/4/2015	Result 2/18/2016	Result 5/25/2016	Result 8/18/2016	Result 11/16/2016	Result 2/16/2017	Result 5/17/2017	Result 8/18/2017
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0011** J	< 0.002	**0.00211**	**0.0014** J	**0.0013** J	---	---	---	---	**0.00827**	**0.0015** J
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	**0.000092** J
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	**0.2** B	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	**0.94**	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

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

Attachment 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
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA 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 8/14/2020	Result 11/11/2020	Result 2/23/2021	Result 5/11/2021	Result 8/11/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000071 J**
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00244 C**	**0.00299**	**0.00249**	**0.00329**	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	**0.00007 J**	< 0.0001	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.0004	< 0.0004	< 0.0004	< 0.01
Naphthalene	mg/L	0.14	< 0.0004	< 0.01	< 0.01	< 0.01	< 0.0004
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 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 B	< 2	< 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-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	Result 8/11/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.000233	< 0.0003	< 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	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.005	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.005	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.01	< 0.0002	< 0.000155	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.005	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.1	**0.00559**	< 0.00155 C	< 0.002 C	**0.00331**	< 0.002	**0.0019** J	**0.00269**	< 0.002
Chrysene	mg/L	0.0015	< 0.005	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.005	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.00775	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.000233	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.000155	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.005	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.00775	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.00775	< 0.01	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.00031	< 0.0004	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.000465	< 0.0006	< 0.0006	< 0.0006	**0.00185**	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.000155	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
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	**0.45** J	< 2	< 2	< 2 B	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	**0.32** J	**0.21** J	< 2	**0.13** J	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 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 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	Result 8/11/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.000071	< 0.000073	< 0.0001	< 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	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.000213	< 0.000219	< 0.0003	< 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	< 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	< 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	< 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	< 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	< 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	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.000071	< 0.000073	< 0.0001	< 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	< 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	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.000213	< 0.000219	< 0.0003	< 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	< 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	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.00709	< 0.0073	< 0.01	< 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	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.000284	< 0.000292	< 0.0004	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.000426	< 0.000438	< 0.0006	< 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	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	**0.32 J**	< 2 B	< 2 B	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 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-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
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA 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	Result 8/11/2021
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	< 0.000234	< 0.0003	< 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	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	**0.000071 J**	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.000156	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.002 J**	< 0.002	< 0.00156 C	< 0.002 C	< 0.002 C	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	**0.000058 J**	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.00781	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.000234	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.000156	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.00781	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.00781	< 0.01	< 0.0004	< 0.0004	< 0.0004	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.000312	< 0.0004	< 0.01	< 0.01	< 0.01	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.000469	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.000156	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
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	**0.39 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	< 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-20 Analyte	Unit	Remediation Objective (RO)	Result 3/5/2015	Result (DUP) 3/5/2015	Result 5/11/2015	Result 8/20/2015	Result 11/4/2015	Result 2/18/2016	Result 5/27/2016	Result 8/18/2016	Result 11/16/2016	Result 2/16/2017
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	**0.00009 J**	**0.00016**	< 0.0001	< 0.0001	**0.00008 J**	< 0.0001	**0.00009 J**	**0.00007 J**
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	**0.00024**	**0.00026**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.0001 J**	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	**0.00019**	**0.00022**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	**0.00024 J**	**0.00024 J**	< 0.00076	< 0.00076	< 0.00076	< 0.00076	**0.00012 J**	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	---	---	---	---
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	**0.00011 J**	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	**0.00015**	**0.00016**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.0001 B	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	**0.0001 J**	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	**0.00014 J**	**0.00019 J**	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	**0.45 J**	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

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

Attachment 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	Result 8/11/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	**0.000111**	< 0.0001	**0.000106**	**0.000139**	**0.000155**	**0.000075** J	**0.000330**	**0.000509**	**0.000498**
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.000231	< 0.0003	< 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**	**0.000565**
Benzo(a)pyrene	mg/L	0.0002	**0.000249**	**0.000107**	**0.000337**	**0.000648**	**0.000505**	**0.000238**	**0.001350**	**0.002230**	**0.00193**
Benzo(b)fluoranthene	mg/L	0.00018	**0.000214**	**0.000138**	**0.000283**	**0.000586**	**0.000342**	**0.000174**	**0.001070**	**0.001840**	**0.00173**
Benzo(g,h,i)perylene	mg/L	-	**0.000279**	**0.00017** J	**0.000366**	**0.000805**	**0.000547**	**0.000243**	**0.001290**	**0.001970**	**0.00203**
Benzo(k)fluoranthene	mg/L	0.00017	**0.000055** J	< 0.0001	**0.000099**	**0.000147**	**0.000085** J	< 0.000100	**0.000302**	**0.000497**	**0.000521**
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.00154 C	< 0.002 C	< 0.002 C	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	**0.000109**	< 0.0001	**0.00013**	**0.000245**	**0.000183**	**0.000073** J	**0.000548**	**0.000921**	**0.000754**
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.000077	**0.000138**	**0.00008** J	< 0.0002	**0.00018** J	**0.000294**	**0.000376**
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.000231	< 0.0003	< 0.0003	< 0.0003	**0.000342**	**0.000652**	**0.000616**
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.000154	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	**0.000197**	**0.000148**	**0.000251**	**0.000537**	**0.000319**	< 0.000200	**0.000892**	**0.001470**	**0.0014**
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.00769	< 0.01	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.000308	< 0.0004	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.000462	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	**0.00016** J	< 0.0002	**0.000239**	**0.000248**	**0.000328**	< 0.000200	**0.000845**	**0.001510**	**0.00127**
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2 B	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 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-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	Result 8/11/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.000214	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.000071	**0.000072 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.000071	**0.00007 J**	< 0.0001	< 0.0002	< 0.0002	**0.00012 J**
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	**0.000069 J**	< 0.000071	**0.000123**	**0.000074 J**	< 0.000100	< 0.000100	**0.000132**
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.000143	**0.0001 J**	**0.000054 J**	< 0.000200	< 0.000200	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.00143 C	**0.00271 C**	< 0.002 C	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.000071	**0.000071 J**	< 0.0001	< 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	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.00714	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.000214	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.000143	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	**0.000087 J**	< 0.000071	**0.000126**	< 0.0001	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.00714	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.00714	< 0.01	< 0.0004	< 0.0004	< 0.0004	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.0002	< 0.000286	< 0.0004	< 0.01	< 0.01	< 0.01	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.000429	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.000143	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	< 2 B	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**0.43 J**
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 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	Result 8/11/2021	Result - DUP 8/11/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.000077	< 0.000077	< 0.0001	< 0.0001	< 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	< 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	< 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	< 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	< 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	**0.000071 J**	**0.00007 J**
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.000154	< 0.000154	< 0.0002	< 0.0002	< 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	< 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**	**0.00983**	**0.00753**
Chrysene	mg/L	0.0015	< 0.0001	**0.000084 J**	< 0.000077	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.000077	< 0.000077	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.00769	< 0.00769	< 0.01	< 0.01	< 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	< 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	< 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	< 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	< 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	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.000308	< 0.000308	< 0.0004	< 0.01	< 0.01	< 0.01	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	**0.000695**	< 0.000462	< 0.000462	< 0.0006	< 0.0006	< 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	< 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	**0.14 J**	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.2 J**	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	< 2 B	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.13 J**	< 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	**0.33 J**	< 2	< 2

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

Attachment 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
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA 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		Result 8/12/2021	
Acenaphthene	mg/L	0.42	< 0.000081		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001	
Acenaphthylene	mg/L	-	< 0.000081		< 0.0001		< 0.0001		< 0.0001		< 0.0001		< 0.0001	
Anthracene	mg/L	2.1	< 0.000242		< 0.0003		< 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		< 0.0001	
Benzo(a)pyrene	mg/L	0.0002	< 0.000081		< 0.0001		< 0.0001		< 0.0002		< 0.0002		< 0.0002	
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000081		< 0.0001		< 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		< 0.0002	
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000081		< 0.0001		< 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		< 0.002	
Chrysene	mg/L	0.0015	< 0.000081		< 0.0001		< 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		< 0.0002	
Di-n-butyl phthalate	mg/L	0.7	< 0.00806		< 0.01		< 0.01		< 0.01		< 0.01		< 0.01	
Fluoranthene	mg/L	0.28	< 0.000242		< 0.0003		< 0.0003		< 0.0003		< 0.0003		< 0.0003	
Fluorene	mg/L	0.28	< 0.000161		< 0.0002		< 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		< 0.0002	
m,p-Cresol	mg/L	-	< 0.00806		< 0.01		< 0.01		< 0.01		< 0.01		< 0.01	
o-Cresol	mg/L	0.35	< 0.00806		< 0.01		< 0.0004		< 0.0004		< 0.0004		< 0.01	
Naphthalene	mg/L	0.14	< 0.000323		< 0.0004		< 0.01		< 0.01		< 0.01		< 0.0004	
Phenanthrene	mg/L	-	< 0.000484		< 0.0006		< 0.0006		< 0.0006		< 0.0006		< 0.0006	
Pyrene	mg/L	0.21	< 0.000161		< 0.0002		< 0.0002		< 0.0002		< 0.0002		< 0.0002	
Benzene	µg/L	5.0	< 0.5		< 0.5		< 0.5		**0.52**		**1.2**		**0.45**	**J**
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	B	< 2		< 2		< 2	
o-Xylene	µg/L	-	< 1		< 1		< 1		< 1		< 1		< 1	
Toluene	µg/L	1000	< 2		< 2		< 2		< 2		< 2		< 2	
trans-1,2-Dichloroethene	µg/L	100	< 2		< 2		< 2		< 2		< 2		< 2	
Xylenes, Total	µg/L	10000	< 2		< 2		< 2		< 2		< 2		< 2	

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA 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	Result 8/11/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.000075	< 0.0001	< 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	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.000226	< 0.0003	< 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	< 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	< 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	< 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	< 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	< 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	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 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	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.000226	< 0.0003	< 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	< 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	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	**0.00069 J**	< 0.01	< 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	< 0.0004
Naphthalene	mg/L	0.14	< 0.0002	< 0.000301	< 0.0004	< 0.0004	< 0.0004	< 0.01	< 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	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.00015	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	**0.45 J**	< 2	< 2	< 2	< 2	< 2 B	**3.29**	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2

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

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

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

Attachment 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	Trip Blank 1 Result 8/12/2021	Trip Blank 2 Result 8/12/2021
Acenaphthene	mg/L	0.42	**0.000193**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA
Acenaphthylene	mg/L	-	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA
Anthracene	mg/L	2.1	< 0.000231	< 0.0003	< 0.0003	< 0.0003	< 0.0003	NA	NA
Benzo(a)anthracene	mg/L	0.00013	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA
Benzo(a)pyrene	mg/L	0.0002	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0002	NA	NA
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA
Benzo(g,h,i)perylene	mg/L	-	< 0.000154	< 0.0002	< 0.0002	< 0.0002	< 0.0002	NA	NA
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.00154 C	< 0.002 C	< 0.002 C	< 0.002 C	< 0.002	NA	NA
Chrysene	mg/L	0.0015	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0002	NA	NA
Di-n-butyl phthalate	mg/L	0.7	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01	NA	NA
Fluoranthene	mg/L	0.28	< 0.000231	< 0.0003	< 0.0003	< 0.0003	< 0.0003	NA	NA
Fluorene	mg/L	0.28	**0.000311**	< 0.0002	< 0.0002	< 0.0002	< 0.0002	NA	NA
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000077	< 0.0001	**0.000078** J	< 0.0001	< 0.0002	NA	NA
m,p-Cresol	mg/L	-	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01	NA	NA
o-Cresol	mg/L	0.35	< 0.00769	< 0.01	< 0.01	< 0.0004	< 0.0004	NA	NA
Naphthalene	mg/L	0.14	< 0.000308	< 0.0004	< 0.0004	< 0.01	< 0.01	NA	NA
Phenanthrene	mg/L	-	< 0.000462	< 0.0006	< 0.0006	< 0.0006	< 0.0006	NA	NA
Pyrene	mg/L	0.21	< 0.000154	< 0.0002	< 0.0002	< 0.0002	< 0.0002	NA	NA
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	0.29 J	< 1	< 1	**0.21** J
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2 B	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	0.29 J	< 2	< 2	< 2

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