July 12, 2022

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

Dear Mr. Miller:

As required by Article IX (A) of the Consent Order (Case #93-3332), this is the Second Quarter, 2022 report for the Taylorville Manufactured Gas Plant Site. This report is a summary of events. Reports and notifications of events are reported in addition to this summary throughout the quarter.

Second Quarter – 2022 Events

- Second quarter 2022 groundwater samples collected in May 2022 (results attached).
- Second quarter 2022 pump and treat system samples (results attached).
- Temporary shutdown of treatment system (5/7/22-5/9/22 and 5/22/22) due to filter basket dropouts.

Third Quarter – 2022 Plans

- Collect Third quarter groundwater samples in August.

Problems Encountered or Anticipated Problems

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

We have treated 1,324,021,792 gallons of groundwater through the system since startup until the end of June 2022. There has not been any migration of contamination off-site.

I certify under penalty of law that the specific Activity and Use Limitations identified in Paragraph 7 of the Uniform Environmental Covenant for the Ameren Taylorville MGP site

remain in place. I am aware that any person who knowingly makes a false, fictitious, or fraudulent material statement to the Illinois EPA, either orally or in writing, commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony (415 ILCS 5/44(h) (8)).

Sincerely,

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

Attachments

Attachments

Pumping Summary and Treatment Plant Results (April-June)

Monitoring Well Location Map

Year 2022 Quarter 2 Groundwater Sampling Results

MGP Pump & Treat System Summary
Taylorville, Illinois
April 2022

DATE	TOTALIZER READING	FLOW	EXTRACTION WELL	Water Level East	Water Level West
Apr-22					
1	296,673,000	64,200	West	56	52
2	296,737,200	60,200	West	56	52
3	296,797,400	61,700	West	56	52
4	296,859,100	46,800	West	56	52
5	296,905,900	42,500	West	56	54
6	296,948,400	25,000	West	56	52
7	296,973,400	92,000	West	56	54
8	297,065,400	71,300	West	56	50
9	297,136,700	81,200	West	56	52
10	297,217,900	52,700	West	56	54
11	297,270,600	47,900	West	56	54
12	297,318,500	47,300	West	56	54
13	297,365,800	26,300	West	56	54
14	297,392,100	108,600	West	56	54
15	297,500,700	100,600	West	56	48
16	297,601,300	94,900	West	56	50
17	297,696,200	99,600	West	56	52
18	297,795,800	86,600	West	56	52
19	297,882,400	82,800	West	56	50
20	297,965,200	47,100	West	56	50
21	298,012,300	84,500	West	56	50
22	298,096,800	63,500	West	56	52
23	298,160,300	70,300	West	56	52
24	298,230,600	61,600	West	56	52
25	298,292,200	60,300	West	56	52
26	298,352,500	49,000	West	56	52
27	298,401,500	32,600	West	56	52
28	298,434,100	77,800	West	56	52
29	298,511,900	57,500	West	56	52
30	298,569,400	58,100	West	56	52
May-22	298,627,500			56	54

NM = Not measured

Flow Data	**Gallons**
For Month	1,954,500
To Pond	0
Below Pond	1,954,500
Average	65,150
Maximum	108,600
Minimum	25,000
Total Through March	1,317,895,992
Total Through April	1,319,850,492

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	4/7/2022	4/1/2021
	Inoperable	4/14/2022	4/14/2022
	Inoperable	4/21/2022	4/21/2022
	Inoperable	4/28/2022	4/28/2022

Drum Disposal None

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
April 2022

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	4/6/2022		4/13/2021		4/20/2022		4/27/2021		Average	Maximum
Lab pH		-	-	-	6.77		7.39		6.64		6.85		6.91	7.39
Iron, Dissolved	mg/L	-	-	-	0.694		0.835		1.080		0.296		0.726	1.080
Iron, Total	mg/L	-	-	-	2.23		2.11		2.52		3.18		2.51	3.18
Acenaphthene	mg/L	-	-	0.42	0.0096		0.0155		0.0219		0.0163		0.0158	0.0219
Acenaphthylene	mg/L	-	-	-	0.00190		0.00491		0.00803		0.00413		0.00474	0.00803
Anthracene	mg/L	-	-	2.1	0.00272		0.00336		0.00381		0.00339		0.00332	0.00381
Benzo(a)anthracene	mg/L	-	-	0.00013	**0.000153**		**0.00015**		**0.000154**		**0.000159**		**0.000154**	**0.000159**
Benzo(a)pyrene	mg/L	-	-	0.00023	ND		ND		ND		ND		ND	ND
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND
Chrysene	mg/L	-	-	-	0.000138		0.000128		0.000162		0.000142		0.000143	0.000162
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND
Fluoranthene	mg/L	-	-	0.28	0.00229		0.00274		0.00294		0.00283		0.00270	0.00294
Fluorene	mg/L	-	-	-	0.00612		0.00876		0.01190		0.00844		0.00881	0.01190
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND
m,p-Cresol	mg/L	-	-	0.35	ND		0.00120	J	0.00120	J	0.00065	J	0.00102	0.00120
o-Cresol	mg/L	-	-	0.35	0.0047	J	ND		ND		0.0062	J	0.0055	0.0062
Phenanthrene	mg/L	-	-	-	0.0117		0.0158		0.0213		0.0186		0.0169	0.0213
Pyrene	mg/L	-	-	-	0.00284		0.00		0.00366		0.00346		0.00334	0.00366
Total PNAs except Naphthalene	mg/L	-	-	-	0.0375		0.05		0.0739		0.0574		0.0559	0.0739
Benzene	µg/L	-	-	5	**245**		**216**		**234**		**22.4**		**179**	**245**
Ethylbenzene	µg/L	-	-	700	40.8		38.6		53.3		4.2		34.2	53.3
m,p-Xylenes	µg/L	-	-	-	43.7		43.4		48.4		4.0		34.9	48.4
Naphthalene	µg/L	-	-	25	**281**		**248**		**330**		**30.2**		**222**	**330**
o-Xylene	µg/L	-	-	-	22.4		22.9		23.6		2.1		17.8	23.6
Toluene	µg/L	-	-	1000	106		109		124		11.1		87.5	124
Xylenes, Total	µg/L	-	-	10000	66.1		66.3		72.0		6.1		52.6	72.0

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

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

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	4/6/2022		4/13/2021	4/20/2022		4/27/2021		Average	Maximum
Lab pH		-	-	-	6.78		6.92	6.91		6.86		6.87	6.99
Iron, Dissolved	mg/L	-	-	-	0.0440		0.136	0.0340	J	0.0210	J	0.0275	0.1120
Iron, Total	mg/L	-	-	-	0.0520		0.0904	0.0532		0.036	BJ	0.0532	0.0532
Acenaphthene	mg/L	-	-	-	ND		ND	ND		ND		ND	ND
Acenaphthylene	mg/L	-	-	-	ND		ND	ND		ND		ND	ND
Anthracene	mg/L	-	-	-	ND		ND	ND		ND		ND	ND
Benzo(a)anthracene	mg/L	-	-	-	ND		ND	ND		ND		ND	ND
Benzo(a)pyrene	mg/L	-	-	-	ND		ND	ND		ND		ND	ND
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND	ND		ND		ND	ND
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND	ND		ND		ND	ND
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND	ND		ND		ND	ND
Chrysene	mg/L	-	-	-	ND		ND	ND		ND		ND	ND
Dibenzo(a,h)anthracene	mg/L	-	-	-	0.00013	J	ND	ND		ND		0.00013	0.00013
Fluoranthene	mg/L	-	-	-	ND		ND	ND		ND		ND	ND
Fluorene	mg/L	-	-	-	ND		ND	ND		ND		ND	ND
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND	ND		ND		ND	ND
m,p-Cresol	mg/L	-	-	-	ND		ND	ND		ND		ND	ND
o-Cresol	mg/L	-	-	-	ND		ND	ND		ND		ND	ND
Phenanthrene	mg/L	-	-	-	ND		ND	ND		ND		ND	ND
Pyrene	mg/L	-	-	-	ND		ND	ND		ND		ND	ND
Total PNAs except Naphthalene	mg/L	-	-	-	ND		ND	ND		ND		ND	ND
Benzene	µg/L	-	-	-	1.6		1.2	1.0		1.0		1.2	1.6
Ethylbenzene	µg/L	-	-	-	ND		ND	ND		ND		ND	ND
m,p-Xylenes	µg/L	-	-	-	ND		ND	ND		ND		ND	ND
Naphthalene	µg/L	-	-	-	0.5	J	0.7	0.5	J	0.4	J	0.5	0.7
o-Xylene	µg/L	-	-	-	ND		ND	ND		ND		ND	ND
Toluene	µg/L	-	-	-	ND		ND	ND		ND		ND	ND
Xylenes, Total	µg/L	-	-	-	ND		ND	ND		ND		ND	ND

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

Effluent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
April 2022

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	4/6/2022	4/13/2021	4/20/2022	4/27/2021	Average	Maximum
Lab pH		-	-	-	6.83	6.99	6.90	6.95	6.92	6.99
Iron, Dissolved	mg/L	-	1	-	ND	ND	ND	ND	ND	ND
Iron, Total	mg/L	2	4	-	ND	ND	ND	ND B	ND	ND
Acenaphthene	mg/L	-	0.0608	-	ND	ND	ND	ND	ND	ND
Acenaphthylene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Anthracene	mg/L	-	0.0023	-	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	mg/L	-	0.001	-	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	mg/L	-	0.0005	-	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Chrysene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Fluoranthene	mg/L	0.053	0.398	-	ND	ND	ND	ND	ND	ND
Fluorene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
m,p-Cresol	mg/L	-	1.9	-	ND	ND	ND	ND	ND	ND
o-Cresol	mg/L	-	1.9	-	ND	ND	ND	ND	ND	ND
Phenanthrene	mg/L	-	0.01	-	ND	ND	ND	ND	ND	ND
Pyrene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Total PNAs except Naphthalene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND
Benzene	µg/L	-	50	-	ND	0.1 J	ND	ND	0.1	0.1
Ethylbenzene	µg/L	17	216	-	ND	ND	ND	ND	ND	ND
m,p-Xylenes	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Naphthalene	µg/L	-	670	-	ND	ND	ND	ND	ND	ND
o-Xylene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Toluene	µg/L	70	750	-	ND	ND	ND	ND	ND	ND
Xylenes, Total	µg/L	117	750	-	ND	ND	ND	ND	ND	ND

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

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

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	4/6/2022	4/13/2021	4/20/2022	4/27/2021	Average	Maximum
Benzene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Ethylbenzene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
m,p-Xylenes	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Naphthalene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
o-Xylene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Toluene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Xylenes, Total	µg/L	-	-	-	ND	ND	ND	ND	ND	ND

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

MGP Pump & Treat System Summary
Taylorville, Illinois
May 2022

DATE	TOTALIZER READING	FLOW	EXTRACTION WELL	Water Level East	Water Level West
May-22	x100				
1	298,627,500	58,200	West	56	54
2	298,685,700	74,500	West	56	52
3	298,760,200	71,100	West	56	52
4	298,831,300	41,700	West	56	52
5	298,873,000	55,600	West	56	52
6	298,928,600	110,000	West	56	52
7	299,038,600	5,500	West	56	52
8	299,044,100	0	West	56	52
9	299,044,100	59,300	West	56	52
10	299,103,400	127,500	West	56	52
11	299,230,900	42,000	West	56	52
12	299,272,900	97,300	West	56	52
13	299,370,200	88,400	West	56	52
14	299,458,600	75,300	West	56	50
15	299,533,900	77,700	West	56	52
16	299,611,600	70,400	West	56	52
17	299,682,000	67,700	West	56	52
18	299,749,700	43,900	West	56	52
19	299,793,600	93,900	West	56	52
20	299,887,500	68,900	West	56	52
21	299,956,400	98,400	West	56	52
22	300,054,800	900	West	56	52
23	300,055,700	83,400	West	56	60
24	300,139,100	79,500	West	56	52
25	300,218,600	51,600	West	56	52
26	300,270,200	100,800	West	56	52
27	300,371,000	80,000	West	56	50
28	300,451,000	71,700	West	56	52
29	300,522,700	61,100	West	56	52
30	300,583,800	61,000	West	56	52
31	300,644,800	53,000	West	56	52
Jun-22	300,697,800				

NM = Not measured

Flow Data	**Gallons**
For Month	2,070,300
To Pond	0
Below Pond	2,070,300
Average	66,784
Maximum	127,500
Minimum	0
Total Through April	1,319,850,492
Total Through May	1,321,920,792

Maintenance Summary

Well Cleaning	None		
Vessel	**North**	**South**	
Carbon Change	None	None	
Cleaned Effluent Backwash Storage	None	None	
Back Washed Vessels	None	5/6/2022	
Changed Bag Filters	**North**	**Middle**	**South**
	Inoperable	5/5/2022	5/5/2022
	Inoperable	5/12/2022	5/12/2022
	Inoperable	5/19/2022	5/19/2022
	Inoperable	5/26/2022	5/26/2022
Drum Disposal	None		

Note: System shut down on 7 May 2022 due to bag filter basket drop out on South filter vessel. Issue fixed on 9 May 2022.

System shut down on 22 May 2022 due to bag filter basket drop out . on South filter vessel. Issue fixed on 22 May 2022.

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
May 2022

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	5/4/2022	5/11/2022		5/18/2022		5/25/2022		Average	Maximum
Lab pH		-	-	-	7.76	7.03		7.00		6.90		7.17	7.76
Iron, Dissolved	mg/L	-	-	-	1.180	1.670		0.673		0.746		1.067	1.670
Iron, Total	mg/L	-	-	-	2.71	2.70		2.63		2.99		2.76	2.99
Acenaphthene	mg/L	-	-	0.42	0.0174	0.0197		0.0184		0.0189		0.0186	0.0197
Acenaphthylene	mg/L	-	-	-	0.00670	0.00725		0.00568		0.00764		0.00682	0.00764
Anthracene	mg/L	-	-	2.1	0.00378	0.00364		0.00331		0.00313		0.00347	0.00378
Benzo(a)anthracene	mg/L	-	-	0.00013	**0.000180**	**0.000155**		**0.000158**		**0.000151**		0.000161	0.000180
Benzo(a)pyrene	mg/L	-	-	0.00023	ND	ND		ND		ND		ND	ND
Benzo(b)fluoranthene	mg/L	-	-	-	ND	ND		ND		ND		ND	ND
Benzo(g,h,i)perylene	mg/L	-	-	-	ND	ND		ND		ND		ND	ND
Benzo(k)fluoranthene	mg/L	-	-	-	ND	ND		ND		ND		ND	ND
Chrysene	mg/L	-	-	-	0.000152	0.000162		0.000132		0.000115		0.000140	0.000162
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND	ND		ND		ND		ND	ND
Fluoranthene	mg/L	-	-	0.28	0.00309	0.00284		0.00250		0.00246		0.00272	0.00309
Fluorene	mg/L	-	-	-	0.00934	0.00979		0.00974		0.01020		0.00977	0.01020
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND	ND		ND		ND		ND	ND
m,p-Cresol	mg/L	-	-	0.35	ND	0.00080	J	ND		ND		0.00080	0.00080
o-Cresol	mg/L	-	-	0.35	ND	ND		0.0077	J	0.0025	J	0.0051	0.0077
Phenanthrene	mg/L	-	-	-	0.0178	0.0174		0.0180		0.0179		0.0178	0.0180
Pyrene	mg/L	-	-	-	0.00404	0.00386		0.00312		0.00311		0.00353	0.00404
Total PNAs except Naphthalene	mg/L	-	-	-	0.0625	0.0648		0.0611		0.0637		0.0630	0.0648
Benzene	µg/L	-	-	5	**233**	**271**		**272**		**274**		263	274
Ethylbenzene	µg/L	-	-	700	51.0	69.6		48.6		51.2		55.1	69.6
m,p-Xylenes	µg/L	-	-	-	45.7	56.1		44.4		41.4		46.9	56.1
Naphthalene	µg/L	-	-	25	**289**	**378**	**B**	**327**		**330**		331	378
o-Xylene	µg/L	-	-	-	23.6	30.2		22.3		21.9		24.5	30.2
Toluene	µg/L	-	-	1000	134	160		124		146		141	160
Xylenes, Total	µg/L	-	-	10000	69.3	86.3		66.7		63.3		71.4	86.3

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

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

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	5/4/2022	5/11/2022		5/18/2022		5/25/2022		Average	Maximum
Lab pH		-	-	-	7.02	7.21		6.95		6.90		7.02	7.21
Iron, Dissolved	mg/L	-	-	-	0.0487	0.0350	J	0.0250	J	0.0270	J	0.0339	0.0487
Iron, Total	mg/L	-	-	-	0.0667	0.0546		0.0645		ND		0.0619	0.0667
Acenaphthene	mg/L	-	-	-	ND	ND		ND		ND		ND	ND
Acenaphthylene	mg/L	-	-	-	ND	ND		ND		ND		ND	ND
Anthracene	mg/L	-	-	-	ND	ND		ND		ND		ND	ND
Benzo(a)anthracene	mg/L	-	-	-	ND	ND		ND		ND		ND	ND
Benzo(a)pyrene	mg/L	-	-	-	ND	ND		ND		ND		ND	ND
Benzo(b)fluoranthene	mg/L	-	-	-	ND	ND		ND		ND		ND	ND
Benzo(g,h,i)perylene	mg/L	-	-	-	ND	ND		ND		ND		ND	ND
Benzo(k)fluoranthene	mg/L	-	-	-	ND	ND		ND		ND		ND	ND
Chrysene	mg/L	-	-	-	ND	ND		ND		ND		ND	ND
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND	ND		ND		ND		ND	ND
Fluoranthene	mg/L	-	-	-	ND	ND		ND		ND		ND	ND
Fluorene	mg/L	-	-	-	ND	ND		ND		ND		ND	ND
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND	ND		ND		ND		ND	ND
m,p-Cresol	mg/L	-	-	-	ND	ND		ND		ND	I	ND	ND
o-Cresol	mg/L	-	-	-	ND	ND		ND		ND	I	ND	ND
Phenanthrene	mg/L	-	-	-	ND	ND		ND		ND		ND	ND
Pyrene	mg/L	-	-	-	ND	ND		ND		ND		ND	ND
Total PNAs except Naphthalene	mg/L	-	-	-	ND	ND		ND		ND		ND	ND
Benzene	µg/L	-	-	-	2.5	8.7		7.4		5.3		6.0	8.7
Ethylbenzene	µg/L	-	-	-	ND	ND		ND		ND		ND	ND
m,p-Xylenes	µg/L	-	-	-	ND	ND		ND		ND		ND	ND
Naphthalene	µg/L	-	-	-	0.7	ND		0.8		0.7		0.7	0.8
o-Xylene	µg/L	-	-	-	ND	0.2	J	ND		ND		0.2	0.2
Toluene	µg/L	-	-	-	ND	ND		ND		ND		ND	ND
Xylenes, Total	µg/L	-	-	-	ND	ND		ND		ND		ND	ND

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

Effluent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
May 2022

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	5/4/2022		5/11/2022		5/18/2022		5/25/2022		Average	Maximum
Lab pH		-	-	-	7.08		7.13		7.04		6.85		7.03	7.13
Iron, Dissolved	mg/L	-	1	-	ND		ND		ND		ND		ND	ND
Iron, Total	mg/L	2	4	-	ND		ND		0.036	J	ND		0.036	0.036
Acenaphthene	mg/L	-	0.0608	-	ND		ND		ND		ND	R	ND	ND
Acenaphthylene	mg/L	-	-	-	ND		ND		ND		ND	R	ND	ND
Anthracene	mg/L	-	0.0023	-	ND		ND		ND		ND	R	ND	ND
Benzo(a)anthracene	mg/L	-	0.001	-	ND		ND		ND		ND	R	ND	ND
Benzo(a)pyrene	mg/L	-	0.0005	-	ND		ND		ND		ND		ND	ND
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND	R	ND	ND
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND	R	ND	ND
Chrysene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND	R	ND	ND
Fluoranthene	mg/L	0.053	0.398	-	ND		ND		ND		ND		ND	ND
Fluorene	mg/L	-	-	-	ND		ND		ND		ND	R	ND	ND
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND
m,p-Cresol	mg/L	-	1.9	-	ND		ND		ND		ND		ND	ND
o-Cresol	mg/L	-	1.9	-	ND		ND		ND		ND		ND	ND
Phenanthrene	mg/L	-	0.01	-	ND		ND		ND		ND	R	ND	ND
Pyrene	mg/L	-	-	-	ND		ND		ND		ND	R	ND	ND
Total PNAs except Naphthalene	mg/L	-	-	-	ND		ND		ND		ND		ND	ND
Benzene	µg/L	-	50	-	0.2	J	0.4	J	0.2	J	0.2	J	0.3	0.4
Ethylbenzene	µg/L	17	216	-	ND		ND		ND		ND		ND	ND
m,p-Xylenes	µg/L	-	-	-	ND		ND		ND		ND		ND	ND
Naphthalene	µg/L	-	670	-	ND		ND		ND		ND		ND	0.0
o-Xylene	µg/L	-	-	-	ND		ND		ND		ND		ND	ND
Toluene	µg/L	70	750	-	ND		ND		ND		ND		ND	ND
Xylenes, Total	µg/L	117	750	-	ND		ND		ND		ND		ND	ND

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

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

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	5/4/2022	5/11/2022	5/18/2022	5/25/2021	Average	Maximum
Benzene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Ethylbenzene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
m,p-Xylenes	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Naphthalene	µg/L	-	-	-	ND	0.4 BJ	ND	ND	0.4	0.4
o-Xylene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Toluene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Xylenes, Total	µg/L	-	-	-	ND	ND	ND	ND	ND	ND

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

MGP Pump & Treat System Summary
Taylorville, Illinois
June 2022

DATE	TOTALIZER READING	FLOW	EXTRACTION WELL	Water Level East	Water Level West
Jun-22					
1	300,697,800	28,700	West	56	52
2	300,726,500	95,500	West	56	52
3	300,822,000	77,300	West	56	50
4	300,899,300	63,800	West	56	52
5	300,963,100	82,700	West	56	52
6	301,045,800	56,500	West	56	52
7	301,102,300	53,300	West	56	52
8	301,155,600	29,300	West	56	54
9	301,184,900	104,100	West	56	54
10	301,289,000	79,000	West	56	48
11	301,368,000	96,600	West	56	50
12	301,464,600	56,400	West	56	52
13	301,521,000	96,600	West	56	52
14	301,617,600	62,600	West	56	52
15	301,680,200	34,100	West	56	52
16	301,714,300	93,600	West	56	52
17	301,807,900	69,500	West	56	50
18	301,877,400	75,900	West	56	52
19	301,953,300	67,600	West	56	52
20	302,020,900	59,100	West	56	52
21	302,080,000	53,800	West	56	52
22	302,133,800	46,100	West	56	52
23	302,179,900	83,200	West	56	52
24	302,263,100	57,800	West	56	52
25	302,320,900	78,200	West	56	52
26	302,399,100	76,900	West	56	52
27	302,476,000	57,700	West	56	52
28	302,533,700	103,000	West	56	52
29	302,636,700	58,200	West	54	48
30	302,694,900	103,900	West	54	50
Jul-22	302,798,800				

NM = Not measured

Flow Data	Gallons
For Month	2,101,000
To Pond	0
Below Pond	2,101,000
Average	70,033
Maximum	104,100
Minimum	28,700
Total Through May	1,321,920,792
Total Through June	1,324,021,792

Maintenance Summary

Well Cleaning	None		
Vessel	**North**	**South**	
Carbon Change	None	None	
Cleaned Effluent Backwash Storage	None	None	
Back Washed Vessels	None	6/28/2022	
Changed Bag Filters	**North**	**Middle**	**South**
	Inoperable	6/2/2022	6/2/2022
	Inoperable	6/9/2022	6/9/2022
	Inoperable	6/16/2022	6/16/2022
	Inoperable	6/23/2022	6/23/2022
	Inoperable	6/30/2022	6/30/2022
Drum Disposal	None		

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
June 2022

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	6/1/2022		6/8/2022		6/15/2022		6/22/2022		6/29/2022		Average	Maximum	
Lab pH		-	-	-	6.82		6.93		7.24		7.24		7.31		7.11	7.31	
Iron, Dissolved	mg/L	-	-	-	1.20		1.640		0.699		1.13		1.89		1.31	1.89	
Iron, Total	mg/L	-	-	-	2.54	B	2.57		2.72		2.62		2.84		2.66	2.84	
Acenaphthene	mg/L	-	-	0.42	0.0181		0.017		0.0177		0.0171		0.0169		0.0174	0.0181	
Acenaphthylene	mg/L	-	-	-	0.00408		0.00357		0.00359		0.00360		0.00423		0.00381	0.00423	
Anthracene	mg/L	-	-	2.1	0.00350		0.00329		0.00317		0.00344		0.00343		0.00337	0.00350	
Benzo(a)anthracene	mg/L	-	-	0.00013	**0.000187**		**0.000226**		**0.000169**		**0.000172**		**0.000260**		**0.000203**	**0.000260**	
Benzo(a)pyrene	mg/L	-	-	0.00023	ND		ND		ND		ND		ND		ND	ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		0.000100	J	ND		ND		0.000074	J	ND	0.000100	J
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Chrysene	mg/L	-	-	-	0.000132		0.000188		0.000107		0.000129		0.000200		0.000151	0.000200	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Fluoranthene	mg/L	-	-	0.28	0.00281		0.00278		0.00269		0.00288		0.00291		0.00281	0.00291	
Fluorene	mg/L	-	-	-	0.00988		0.00917		0.00854		0.00844		0.00919		0.00904	0.00988	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
m,p-Cresol	mg/L	-	-	0.35	ND		0.00085	J	0.00094	J	0.00110	J	0.00097	J	0.00097	0.00110	J
o-Cresol	mg/L	-	-	0.35	0.0042	J	0.0052	J	0.0049	J	0.0077	J	0.0106		0.0065	0.0106	
Phenanthrene	mg/L	-	-	-	0.0178		0.0167		0.018		0.0169		0.0166		0.0172	0.0180	
Pyrene	mg/L	-	-	-	0.00235		0.00222		0.00217		0.00243		0.00253		0.00234	0.00253	
Total PNAs except Naphthalene	mg/L	-	-	-	0.0489		0.0552		0.0562		0.0551		0.0563		0.0543	0.0563	
Benzene	µg/L	-	-	5	**251**		**305**		**265**		**302**		**278**		**280**	**305**	
Ethylbenzene	µg/L	-	-	700	43.6		56.4		57.4		61.2		51.0		53.9	61.2	
m,p-Xylenes	µg/L	-	-	-	43.6		44.1		44.9		49.0		44.1		45.1	49.0	
Naphthalene	µg/L	-	-	25	**276**		**317**		**380**		**367**		**369**		**342**	**380**	
o-Xylene	µg/L	-	-	-	23.4		23.4		23.5		25.6		23.0		23.8	25.6	
Toluene	µg/L	-	-	1000	124		150		147		167		154		148	167	
Xylenes, Total	µg/L	-	-	10000	67.0		67.5		68.4		74.6		67.1		68.9	74.6	

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

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

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	6/1/2022	6/8/2022	6/15/2022	6/22/2022	6/29/2022	Average	Maximum
Lab pH		-	-	-	6.84	6.95	7.01	7.22	7.16	7.04	6.85
Iron, Dissolved	mg/L	-	-	-	ND	ND	0.0531	ND	ND	0.0531	0.0538
Iron, Total	mg/L	-	-	-	ND B	0.0290 J	0.0220 J	0.0240 J	0.0230 J	0.0245	0.0290
Acenaphthene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Anthracene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Chrysene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Fluorene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
m,p-Cresol	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
o-Cresol	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Pyrene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Total PNAs except Naphthalene	mg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Benzene	µg/L	-	-	-	5.7	5.2	7.5	9.2	23.0	10.1	23.0
Ethylbenzene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
m,p-Xylenes	µg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Naphthalene	µg/L	-	-	-	0.8	0.9	0.6	0.9	1.1	0.9	1.1
o-Xylene	µg/L	-	-	-	ND	ND	ND	ND	0.2 J	0.2	0.2 J
Toluene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	µg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND

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

Effluent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
June 2022

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	6/1/2022		6/8/2022		6/15/2022		6/22/2022		6/29/2022		Average	Maximum	
Lab pH		-	-	-	6.87		6.94		7.04		7.27		6.94		7.01	7.27	
Iron, Dissolved	mg/L	-	1	-	ND		ND		ND		ND		ND		ND	ND	
Iron, Total	mg/L	2	4	-	ND	B	ND		ND		0.026	J	ND		0.026	0.026	J
Acenaphthene	mg/L	-	0.0608	-	ND		ND		ND		ND		ND		ND	ND	
Acenaphthylene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Anthracene	mg/L	-	0.0023	-	ND		ND		ND		ND		ND		ND	ND	
Benzo(a)anthracene	mg/L	-	0.001	-	ND		0.000071	J	ND		ND		ND		0.000071	0.000071	J
Benzo(a)pyrene	mg/L	-	0.0005	-	ND		ND		ND		ND		ND		ND	ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		0.000086	J	ND		ND		ND		0.000086	0.000086	J
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		0.000052	J	ND		ND		ND		0.000052	0.000052	J
Chrysene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Fluoranthene	mg/L	0.053	0.398	-	ND		ND		ND		ND		ND		ND	ND	
Fluorene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
m,p-Cresol	mg/L	-	1.9	-	ND		ND		ND		ND		ND		ND	ND	
o-Cresol	mg/L	-	1.9	-	ND		ND		ND		ND		ND		ND	ND	
Phenanthrene	mg/L	-	0.01	-	ND		ND		ND	S	ND		ND		ND	ND	
Pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Total PNAs except Naphthalene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Benzene	µg/L	-	50	-	0.3	J	0.3	J	0.4	J	ND		0.6		0.4	0.6	
Ethylbenzene	µg/L	17	216	-	ND		ND		ND		ND		ND		ND	ND	
m,p-Xylenes	µg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Naphthalene	µg/L	-	670	-	ND		ND		ND		ND		ND		ND	ND	
o-Xylene	µg/L	-	-	-	ND		ND		ND		ND		ND		ND	ND	
Toluene	µg/L	70	750	-	ND		ND		ND		ND		ND		ND	ND	
Xylenes, Total	µg/L	117	750	-	ND		ND		ND		ND		ND		ND	ND	

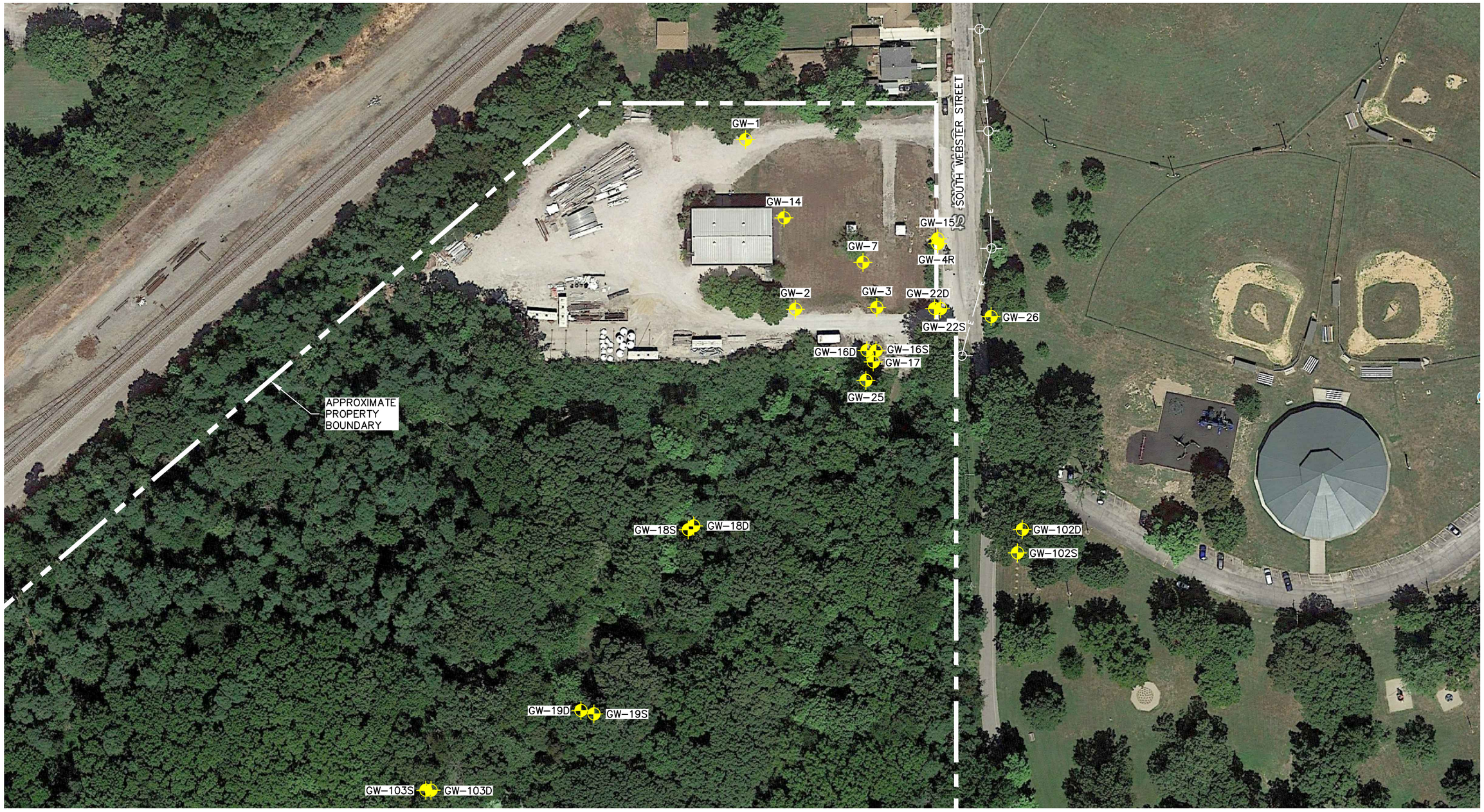
NA=Not analyzed
ND=Not detected above the project acceptable detection limit
*=Results not available
NS=Not sampled
J=Analyte detected below quantitation limits
B=Analyte found in the method blank at a concentration
E=Value above quantitation range
R=RPD outside acceptable recovery limits
S=Spike recovery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

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

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	6/1/2022	6/8/2022	6/15/2022	6/22/2022	6/29/2022	Average	Maximum
Benzene	µg/L	-	-	-	NA	ND	ND	ND	ND	ND	ND
Ethylbenzene	µg/L	-	-	-	NA	ND	ND	ND	ND	ND	ND
m,p-Xylenes	µg/L	-	-	-	NA	ND	ND	ND	ND	ND	ND
Naphthalene	µg/L	-	-	-	NA	ND	ND	ND	ND	ND	ND
o-Xylene	µg/L	-	-	-	NA	ND	ND	ND	ND	ND	ND
Toluene	µg/L	-	-	-	NA	ND	ND	ND	ND	ND	ND
Xylenes, Total	µg/L	-	-	-	NA	ND	ND	ND	ND	ND	ND

NA=Not analyzed - trip blanks received empty in sample kit from laboratory.
ND=Not detected above the project acceptable detection limit
*=Results not available
NS=Not sampled
#=Analyte found in the method blank at a concentration > acceptable detection limit
H= Holding times exceeded

MONITORING WELL LOCATION MAP



LEGEND

- MONITORING WELL
- POWER POLES
- OVERHEAD POWER LINES

N

0 100 200

SCALE (IN FEET)

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

ERM®

FORMER CIPS MGP SITE

917 SOUTH WEBSTER STREET
TAYLORVILLE, ILLINOIS

Environmental Resources Management

CHK'D	BC
	0496580
	FIGURE 1

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

Environmental Resources Management

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

June 9, 2022

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

RE: Year 2022 Quarter 2 Groundwater Sampling Results
Former MGP Site – Taylorville, Illinois

Dear Dave:

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

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

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

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

were observed at concentrations exceeding the applicable ROs at GW-20. However, volatile organic compounds (VOCs) were not observed at this location above laboratory reporting limits during this sampling event. VOCs would be expected to be consistently present in samples from GW-20 if the PAHs detected were related to the former MGP site, however VOCs have not historically been observed at this location.

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

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

Sincerely,

Matt Halley, CHMM
Senior Consultant

ATTACHMENT A

ANALYTICAL RESULTS
MAY 2022

May 23, 2022

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

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

RE: Ameren Taylorville 2nd Qtr 2022 **WorkOrder:** 22050865

Dear Matt Halley:

TEKLAB, INC received 38 samples on 5/12/2022 12:00:00 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: 22050865

Client Project: Ameren Taylorville 2nd Qtr 2022

Report Date: 23-May-22

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Client: ERM **Work Order:** 22050865

Client Project: Ameren Taylorville 2nd Qtr 2022 **Report Date:** 23-May-22

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

Client: ERM

Work Order: 22050865

Client Project: Ameren Taylorville 2nd Qtr 2022

Report Date: 23-May-22

Qualifiers

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

Case Narrative

http://www.teklabinc.com/

Client: ERM

Work Order: 22050865

Client Project: Ameren Taylorville 2nd Qtr 2022

Report Date: 23-May-22

Cooler Receipt Temp: 5.4 °C

Locations

Collinsville

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

Springfield

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

Kansas City

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

Collinsville Air

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

Chicago

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

Accreditations

Client: ERM

Work Order: 22050865

Client Project: Ameren Taylorville 2nd Qtr 2022

Report Date: 23-May-22

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2023	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2023	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2022	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2022	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2022	Collinsville
Arkansas	ADEQ	88-0966		3/14/2023	Collinsville
Illinois	IDPH	17584		5/31/2023	Collinsville
Kentucky	UST	0073		1/31/2023	Collinsville
Missouri	MDNR	00930		5/31/2023	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 22050865
Client Project: Ameren Taylorville 2nd Qtr 2022
Report Date: 23-May-22
Lab ID: 22050865-001
Client Sample ID: GW-01
Matrix: GROUNDWATER
Collection Date: 05/10/2022 17:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/18/2022 10:34	191785
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/18/2022 10:34	191785
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/18/2022 10:34	191785
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/18/2022 10:34	191785
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/18/2022 10:34	191785
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/18/2022 10:34	191785
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/18/2022 10:34	191785
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/18/2022 10:34	191785
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	05/18/2022 10:34	191785
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/18/2022 10:34	191785
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/18/2022 10:34	191785
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/18/2022 10:34	191785
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/18/2022 10:34	191785
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	05/18/2022 10:34	191785
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/18/2022 10:34	191785
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/18/2022 10:34	191785
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/18/2022 10:34	191785
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/18/2022 10:34	191785
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/18/2022 10:34	191785
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	05/18/2022 10:34	191785
Surr: 2,4,6-Tribromophenol	*	0	10-179		**80.6**	%REC	1	05/18/2022 10:34	191785
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**89.8**	%REC	1	05/18/2022 10:34	191785
Surr: 2-Fluorophenol	*	0	10-157		**86.3**	%REC	1	05/18/2022 10:34	191785
Surr: Nitrobenzene-d5	*	0	15-163		**82.4**	%REC	1	05/18/2022 10:34	191785
Surr: Phenol-d5	*	0	10-162		**60.6**	%REC	1	05/18/2022 10:34	191785
Surr: p-Terphenyl-d14	*	0	10-173		**111.8**	%REC	1	05/18/2022 10:34	191785
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	05/13/2022 15:43	191699
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	05/13/2022 15:43	191699
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/13/2022 15:43	191699
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/13/2022 15:43	191699
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/13/2022 15:43	191699
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/13/2022 15:43	191699
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/13/2022 15:43	191699
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/13/2022 15:43	191699
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/13/2022 15:43	191699
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/13/2022 15:43	191699
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**100.1**	%REC	1	05/13/2022 15:43	191699
Surr: 4-Bromofluorobenzene	*	0	80-120		**101.0**	%REC	1	05/13/2022 15:43	191699
Surr: Dibromofluoromethane	*	0	80-120		**103.5**	%REC	1	05/13/2022 15:43	191699
Surr: Toluene-d8	*	0	80-120		**94.9**	%REC	1	05/13/2022 15:43	191699

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 22050865
Client Project: Ameren Taylorville 2nd Qtr 2022
Report Date: 23-May-22
Lab ID: 22050865-002
Client Sample ID: GW-02
Matrix: GROUNDWATER
Collection Date: 05/12/2022 8:35

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**0.000100**	mg/L	1	05/20/2022 11:30	191785
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/20/2022 11:30	191785
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/20/2022 11:30	191785
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/20/2022 11:30	191785
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/20/2022 11:30	191785
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/20/2022 11:30	191785
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/20/2022 11:30	191785
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/20/2022 11:30	191785
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	05/20/2022 11:30	191785
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/20/2022 11:30	191785
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/20/2022 11:30	191785
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/20/2022 11:30	191785
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/20/2022 11:30	191785
Fluorene	NELAP	).000170	0.000200		**0.000268**	mg/L	1	05/20/2022 11:30	191785
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/20/2022 11:30	191785
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/20/2022 11:30	191785
Naphthalene	NELAP	).000680	0.000800		**0.00530**	mg/L	2	05/20/2022 13:23	191785
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/20/2022 11:30	191785
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/20/2022 11:30	191785
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	05/20/2022 11:30	191785
Surr: 2,4,6-Tribromophenol	*	0	10-179		**89.8**	%REC	1	05/20/2022 11:30	191785
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**94.8**	%REC	1	05/20/2022 11:30	191785
Surr: 2-Fluorophenol	*	0	10-157		**74.8**	%REC	1	05/20/2022 11:30	191785
Surr: Nitrobenzene-d5	*	0	15-163		**73.6**	%REC	1	05/20/2022 11:30	191785
Surr: Phenol-d5	*	0	10-162		**48.7**	%REC	1	05/20/2022 11:30	191785
Surr: p-Terphenyl-d14	*	0	10-173		**113.9**	%REC	1	05/20/2022 11:30	191785
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	05/13/2022 16:06	191699
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	05/13/2022 16:06	191699
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/13/2022 16:06	191699
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/13/2022 16:06	191699
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/13/2022 16:06	191699
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/13/2022 16:06	191699
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/13/2022 16:06	191699
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/13/2022 16:06	191699
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/13/2022 16:06	191699
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/13/2022 16:06	191699
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**100.8**	%REC	1	05/13/2022 16:06	191699
Surr: 4-Bromofluorobenzene	*	0	80-120		**101.0**	%REC	1	05/13/2022 16:06	191699
Surr: Dibromofluoromethane	*	0	80-120		**103.8**	%REC	1	05/13/2022 16:06	191699
Surr: Toluene-d8	*	0	80-120		**94.1**	%REC	1	05/13/2022 16:06	191699

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 22050865
Client Project: Ameren Taylorville 2nd Qtr 2022
Report Date: 23-May-22
Lab ID: 22050865-003
Client Sample ID: GW-03
Matrix: GROUNDWATER
Collection Date: 05/12/2022 8:15

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**0.00114**	mg/L	1	05/19/2022 15:22	191785
Acenaphthylene	NELAP	).000050	0.000100		**0.00419**	mg/L	1	05/19/2022 15:22	191785
Anthracene	NELAP	0.00020	0.00030	J	**0.00025**	mg/L	1	05/19/2022 15:22	191785
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/19/2022 15:22	191785
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/19/2022 15:22	191785
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/19/2022 15:22	191785
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/19/2022 15:22	191785
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/19/2022 15:22	191785
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**0.00290**	mg/L	1	05/19/2022 15:22	191785
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/19/2022 15:22	191785
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/19/2022 15:22	191785
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/19/2022 15:22	191785
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/19/2022 15:22	191785
Fluorene	NELAP	).000170	0.000200		**0.00290**	mg/L	1	05/19/2022 15:22	191785
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/19/2022 15:22	191785
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/19/2022 15:22	191785
Naphthalene	NELAP	0.0340	0.0400	S	**0.329**	mg/L	100	05/20/2022 12:46	191785
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/19/2022 15:22	191785
Phenanthrene	NELAP	).000530	0.000600		**0.00143**	mg/L	1	05/19/2022 15:22	191785
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	05/19/2022 15:22	191785
Surr: 2,4,6-Tribromophenol	*	0	10-179		**87.6**	%REC	1	05/19/2022 15:22	191785
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**80.0**	%REC	1	05/19/2022 15:22	191785
Surr: 2-Fluorophenol	*	0	10-157		**80.9**	%REC	1	05/19/2022 15:22	191785
Surr: Nitrobenzene-d5	*	0	15-163		**79.3**	%REC	1	05/19/2022 15:22	191785
Surr: Phenol-d5	*	0	10-162		**57.8**	%REC	1	05/19/2022 15:22	191785
Surr: p-Terphenyl-d14	*	0	10-173		**99.2**	%REC	1	05/19/2022 15:22	191785

Matrix spike control limits for Naphthalene are not applicable due to high sample/spike ratio.
Acenaphthylene and Fluorene were outside the upper calibration range in the MS/MSD due to high sample concentrations.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.50	5.00		**24.6**	µg/L	10	05/13/2022 16:29	191699
Bromoform	NELAP	0.91	20.0		**ND**	µg/L	10	05/13/2022 16:29	191699
Ethylbenzene	NELAP	1.00	10.0		**27.7**	µg/L	10	05/13/2022 16:29	191699
m,p-Xylenes	NELAP	1.80	10.0		**31.9**	µg/L	10	05/13/2022 16:29	191699
Methylene chloride	NELAP	8.70	20.0		**ND**	µg/L	10	05/13/2022 16:29	191699
Naphthalene	NELAP	3.20	20.0		**375**	µg/L	10	05/13/2022 16:29	191699
o-Xylene	NELAP	0.50	10.0		**40.2**	µg/L	10	05/13/2022 16:29	191699
Toluene	NELAP	1.0	20	J	**9.3**	µg/L	10	05/13/2022 16:29	191699
trans-1,2-Dichloroethene	NELAP	1.00	20.0		**ND**	µg/L	10	05/13/2022 16:29	191699
Xylenes, Total	NELAP	2.80	20.0		**72.1**	µg/L	10	05/13/2022 16:29	191699
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**101.3**	%REC	10	05/13/2022 16:29	191699
Surr: 4-Bromofluorobenzene	*	0	80-120		**99.2**	%REC	10	05/13/2022 16:29	191699
Surr: Dibromofluoromethane	*	0	80-120		**102.4**	%REC	10	05/13/2022 16:29	191699
Surr: Toluene-d8	*	0	80-120		**93.6**	%REC	10	05/13/2022 16:29	191699

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

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 22050865
Client Project: Ameren Taylorville 2nd Qtr 2022
Report Date: 23-May-22
Lab ID: 22050865-004
Client Sample ID: GW-04R
Matrix: GROUNDWATER
Collection Date: 05/12/2022 9:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.00350	0.00500		**0.0339**	mg/L	50	05/20/2022 14:01	191785
Acenaphthylene	NELAP	0.00250	0.00500		**0.00893**	mg/L	50	05/20/2022 14:01	191785
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/20/2022 10:15	191785
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/20/2022 10:15	191785
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/20/2022 10:15	191785
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/20/2022 10:15	191785
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/20/2022 10:15	191785
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/20/2022 10:15	191785
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	05/20/2022 10:15	191785
Chrysene	NELAP	).000050	0.000100		**0.000130**	mg/L	1	05/20/2022 10:15	191785
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/20/2022 10:15	191785
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/20/2022 10:15	191785
Fluoranthene	NELAP	).000270	0.000300		**0.00289**	mg/L	1	05/20/2022 10:15	191785
Fluorene	NELAP	0.00850	0.0100		**0.0847**	mg/L	50	05/20/2022 14:01	191785
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/20/2022 10:15	191785
m,p-Cresol	NELAP	0.00059	0.010	J	**0.0046**	mg/L	1	05/20/2022 10:15	191785
Naphthalene	NELAP	0.340	0.400		**2.77**	mg/L	1000	05/20/2022 12:08	191785
o-Cresol	NELAP	0.00054	0.010	J	**0.0058**	mg/L	1	05/20/2022 10:15	191785
Phenanthrene	NELAP	0.0265	0.0300		**0.0715**	mg/L	50	05/20/2022 14:01	191785
Pyrene	NELAP	).000180	0.000200		**0.00131**	mg/L	1	05/20/2022 10:15	191785
Surr: 2,4,6-Tribromophenol	*	0	10-179		**71.4**	%REC	1	05/20/2022 10:15	191785
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**90.1**	%REC	1	05/20/2022 10:15	191785
Surr: 2-Fluorophenol	*	0	10-157		**53.3**	%REC	1	05/20/2022 10:15	191785
Surr: Nitrobenzene-d5	*	0	15-163		**82.1**	%REC	1	05/20/2022 10:15	191785
Surr: Phenol-d5	*	0	10-162		**48.2**	%REC	1	05/20/2022 10:15	191785
Surr: p-Terphenyl-d14	*	0	10-173		**74.1**	%REC	1	05/20/2022 10:15	191785
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	2.50	25.0		**1100**	µg/L	50	05/13/2022 16:53	191699
Bromoform	NELAP	4.57	100		**ND**	µg/L	50	05/13/2022 16:53	191699
Ethylbenzene	NELAP	5.00	50.0		**312**	µg/L	50	05/13/2022 16:53	191699
m,p-Xylenes	NELAP	9.00	50.0		**225**	µg/L	50	05/13/2022 16:53	191699
Methylene chloride	NELAP	43.5	100		**ND**	µg/L	50	05/13/2022 16:53	191699
Naphthalene	NELAP	16.0	100		**3550**	µg/L	50	05/13/2022 16:53	191699
o-Xylene	NELAP	2.50	50.0		**176**	µg/L	50	05/13/2022 16:53	191699
Toluene	NELAP	5.00	100		**338**	µg/L	50	05/13/2022 16:53	191699
trans-1,2-Dichloroethene	NELAP	5.00	100		**ND**	µg/L	50	05/13/2022 16:53	191699
Xylenes, Total	NELAP	14.0	100		**400**	µg/L	50	05/13/2022 16:53	191699
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**101.3**	%REC	50	05/13/2022 16:53	191699
Surr: 4-Bromofluorobenzene	*	0	80-120		**99.1**	%REC	50	05/13/2022 16:53	191699
Surr: Dibromofluoromethane	*	0	80-120		**102.5**	%REC	50	05/13/2022 16:53	191699
Surr: Toluene-d8	*	0	80-120		**94.1**	%REC	50	05/13/2022 16:53	191699

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

Laboratory Results

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Client: ERM
Work Order: 22050865
Client Project: Ameren Taylorville 2nd Qtr 2022
Report Date: 23-May-22
Lab ID: 22050865-005
Client Sample ID: GW-05
Matrix: GROUNDWATER
Collection Date: 05/10/2022 13:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/17/2022 11:23	191711
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/17/2022 11:23	191711
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/17/2022 11:23	191711
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/17/2022 11:23	191711
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/17/2022 11:23	191711
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/17/2022 11:23	191711
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/17/2022 11:23	191711
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/17/2022 11:23	191711
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	05/17/2022 11:23	191711
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/17/2022 11:23	191711
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/17/2022 11:23	191711
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/17/2022 11:23	191711
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/17/2022 11:23	191711
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	05/17/2022 11:23	191711
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/17/2022 11:23	191711
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/17/2022 11:23	191711
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/17/2022 11:23	191711
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/17/2022 11:23	191711
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/17/2022 11:23	191711
Pyrene	NELAP	).000180	0.000200	B	**ND**	mg/L	1	05/17/2022 11:23	191711
Surr: 2,4,6-Tribromophenol	*	0	10-179		**90.7**	%REC	1	05/17/2022 11:23	191711
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**95.4**	%REC	1	05/17/2022 11:23	191711
Surr: 2-Fluorophenol	*	0	10-157		**84.9**	%REC	1	05/17/2022 11:23	191711
Surr: Nitrobenzene-d5	*	0	15-163		**77.7**	%REC	1	05/17/2022 11:23	191711
Surr: Phenol-d5	*	0	10-162		**59.7**	%REC	1	05/17/2022 11:23	191711
Surr: p-Terphenyl-d14	*	0	10-173		**108.9**	%REC	1	05/17/2022 11:23	191711

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

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	05/13/2022 17:16	191699
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	05/13/2022 17:16	191699
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/13/2022 17:16	191699
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/13/2022 17:16	191699
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/13/2022 17:16	191699
Naphthalene	NELAP	0.32	2.0	J	**1.0**	µg/L	1	05/13/2022 17:16	191699
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/13/2022 17:16	191699
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/13/2022 17:16	191699
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/13/2022 17:16	191699
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/13/2022 17:16	191699
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**100.6**	%REC	1	05/13/2022 17:16	191699
Surr: 4-Bromofluorobenzene	*	0	80-120		**101.0**	%REC	1	05/13/2022 17:16	191699
Surr: Dibromofluoromethane	*	0	80-120		**103.1**	%REC	1	05/13/2022 17:16	191699
Surr: Toluene-d8	*	0	80-120		**93.8**	%REC	1	05/13/2022 17:16	191699

Laboratory Results

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Client: ERM
Work Order: 22050865
Client Project: Ameren Taylorville 2nd Qtr 2022
Report Date: 23-May-22
Lab ID: 22050865-006
Client Sample ID: GW-07
Matrix: GROUNDWATER
Collection Date: 05/11/2022 12:25

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**0.000145**	mg/L	1	05/18/2022 11:11	191785
Acenaphthylene	NELAP	).000050	0.000100		**0.000149**	mg/L	1	05/18/2022 11:11	191785
Anthracene	NELAP	).000200	0.000300		**0.00153**	mg/L	1	05/18/2022 11:11	191785
Benzo(a)anthracene	NELAP	).000070	0.000100		**0.000182**	mg/L	1	05/18/2022 11:11	191785
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/18/2022 11:11	191785
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/18/2022 11:11	191785
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/18/2022 11:11	191785
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/18/2022 11:11	191785
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**0.00471**	mg/L	1	05/18/2022 11:11	191785
Chrysene	NELAP	).000050	0.000100		**0.000163**	mg/L	1	05/18/2022 11:11	191785
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/18/2022 11:11	191785
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/18/2022 11:11	191785
Fluoranthene	NELAP	).000270	0.000300		**0.00169**	mg/L	1	05/18/2022 11:11	191785
Fluorene	NELAP	).000170	0.000200		**0.000368**	mg/L	1	05/18/2022 11:11	191785
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/18/2022 11:11	191785
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/18/2022 11:11	191785
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/18/2022 11:11	191785
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/18/2022 11:11	191785
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/18/2022 11:11	191785
Pyrene	NELAP	).000180	0.000200		**0.00300**	mg/L	1	05/18/2022 11:11	191785
Surr: 2,4,6-Tribromophenol	*	0	10-179		**83.0**	%REC	1	05/18/2022 11:11	191785
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**89.5**	%REC	1	05/18/2022 11:11	191785
Surr: 2-Fluorophenol	*	0	10-157		**77.9**	%REC	1	05/18/2022 11:11	191785
Surr: Nitrobenzene-d5	*	0	15-163		**78.9**	%REC	1	05/18/2022 11:11	191785
Surr: Phenol-d5	*	0	10-162		**49.9**	%REC	1	05/18/2022 11:11	191785
Surr: p-Terphenyl-d14	*	0	10-173		**114.0**	%REC	1	05/18/2022 11:11	191785
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	05/13/2022 17:40	191699
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	05/13/2022 17:40	191699
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/13/2022 17:40	191699
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/13/2022 17:40	191699
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/13/2022 17:40	191699
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/13/2022 17:40	191699
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/13/2022 17:40	191699
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/13/2022 17:40	191699
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/13/2022 17:40	191699
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/13/2022 17:40	191699
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**99.9**	%REC	1	05/13/2022 17:40	191699
Surr: 4-Bromofluorobenzene	*	0	80-120		**100.2**	%REC	1	05/13/2022 17:40	191699
Surr: Dibromofluoromethane	*	0	80-120		**102.3**	%REC	1	05/13/2022 17:40	191699
Surr: Toluene-d8	*	0	80-120		**94.2**	%REC	1	05/13/2022 17:40	191699

Laboratory Results

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Client: ERM
Work Order: 22050865
Client Project: Ameren Taylorville 2nd Qtr 2022
Report Date: 23-May-22
Lab ID: 22050865-007
Client Sample ID: GW-14
Matrix: GROUNDWATER
Collection Date: 05/11/2022 10:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/18/2022 11:49	191785
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/18/2022 11:49	191785
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/18/2022 11:49	191785
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/18/2022 11:49	191785
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/18/2022 11:49	191785
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/18/2022 11:49	191785
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/18/2022 11:49	191785
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/18/2022 11:49	191785
Bis(2-ethylhexyl)phthalate	NELAP	0.0014	0.0020	J	**0.0018**	mg/L	1	05/18/2022 11:49	191785
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/18/2022 11:49	191785
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/18/2022 11:49	191785
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/18/2022 11:49	191785
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/18/2022 11:49	191785
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	05/18/2022 11:49	191785
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/18/2022 11:49	191785
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/18/2022 11:49	191785
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/18/2022 11:49	191785
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/18/2022 11:49	191785
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/18/2022 11:49	191785
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	05/18/2022 11:49	191785
Surr: 2,4,6-Tribromophenol	*	0	10-179		**83.3**	%REC	1	05/18/2022 11:49	191785
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**86.5**	%REC	1	05/18/2022 11:49	191785
Surr: 2-Fluorophenol	*	0	10-157		**73.5**	%REC	1	05/18/2022 11:49	191785
Surr: Nitrobenzene-d5	*	0	15-163		**77.9**	%REC	1	05/18/2022 11:49	191785
Surr: Phenol-d5	*	0	10-162		**44.0**	%REC	1	05/18/2022 11:49	191785
Surr: p-Terphenyl-d14	*	0	10-173		**112.8**	%REC	1	05/18/2022 11:49	191785
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	05/13/2022 18:03	191699
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	05/13/2022 18:03	191699
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/13/2022 18:03	191699
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/13/2022 18:03	191699
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/13/2022 18:03	191699
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/13/2022 18:03	191699
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/13/2022 18:03	191699
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/13/2022 18:03	191699
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/13/2022 18:03	191699
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/13/2022 18:03	191699
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**101.1**	%REC	1	05/13/2022 18:03	191699
Surr: 4-Bromofluorobenzene	*	0	80-120		**99.4**	%REC	1	05/13/2022 18:03	191699
Surr: Dibromofluoromethane	*	0	80-120		**103.6**	%REC	1	05/13/2022 18:03	191699
Surr: Toluene-d8	*	0	80-120		**94.2**	%REC	1	05/13/2022 18:03	191699

Laboratory Results

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Client: ERM
Work Order: 22050865
Client Project: Ameren Taylorville 2nd Qtr 2022
Report Date: 23-May-22
Lab ID: 22050865-008
Client Sample ID: GW-15
Matrix: GROUNDWATER
Collection Date: 05/11/2022 14:25

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/19/2022 12:52	191785
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/19/2022 12:52	191785
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/19/2022 12:52	191785
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/19/2022 12:52	191785
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/19/2022 12:52	191785
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/19/2022 12:52	191785
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/19/2022 12:52	191785
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/19/2022 12:52	191785
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	05/19/2022 12:52	191785
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/19/2022 12:52	191785
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/19/2022 12:52	191785
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/19/2022 12:52	191785
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/19/2022 12:52	191785
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	05/19/2022 12:52	191785
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/19/2022 12:52	191785
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/19/2022 12:52	191785
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/19/2022 12:52	191785
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/19/2022 12:52	191785
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/19/2022 12:52	191785
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	05/19/2022 12:52	191785
Surr: 2,4,6-Tribromophenol	*	0	10-179		**80.1**	%REC	1	05/19/2022 12:52	191785
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**84.2**	%REC	1	05/19/2022 12:52	191785
Surr: 2-Fluorophenol	*	0	10-157		**75.6**	%REC	1	05/19/2022 12:52	191785
Surr: Nitrobenzene-d5	*	0	15-163		**72.4**	%REC	1	05/19/2022 12:52	191785
Surr: Phenol-d5	*	0	10-162		**46.8**	%REC	1	05/19/2022 12:52	191785
Surr: p-Terphenyl-d14	*	0	10-173		**103.6**	%REC	1	05/19/2022 12:52	191785
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	05/13/2022 18:27	191699
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	05/13/2022 18:27	191699
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/13/2022 18:27	191699
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/13/2022 18:27	191699
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/13/2022 18:27	191699
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/13/2022 18:27	191699
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/13/2022 18:27	191699
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/13/2022 18:27	191699
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/13/2022 18:27	191699
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/13/2022 18:27	191699
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**101.7**	%REC	1	05/13/2022 18:27	191699
Surr: 4-Bromofluorobenzene	*	0	80-120		**100.8**	%REC	1	05/13/2022 18:27	191699
Surr: Dibromofluoromethane	*	0	80-120		**104.4**	%REC	1	05/13/2022 18:27	191699
Surr: Toluene-d8	*	0	80-120		**93.6**	%REC	1	05/13/2022 18:27	191699

Laboratory Results

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Client: ERM
Work Order: 22050865
Client Project: Ameren Taylorville 2nd Qtr 2022
Report Date: 23-May-22
Lab ID: 22050865-009
Client Sample ID: GW-16S
Matrix: GROUNDWATER
Collection Date: 05/09/2022 13:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/17/2022 12:00	191711
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/17/2022 12:00	191711
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/17/2022 12:00	191711
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/17/2022 12:00	191711
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/17/2022 12:00	191711
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/17/2022 12:00	191711
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/17/2022 12:00	191711
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/17/2022 12:00	191711
Bis(2-ethylhexyl)phthalate	NELAP	0.0014	0.0020	J	**0.0019**	mg/L	1	05/17/2022 12:00	191711
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/17/2022 12:00	191711
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/17/2022 12:00	191711
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/17/2022 12:00	191711
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/17/2022 12:00	191711
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	05/17/2022 12:00	191711
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/17/2022 12:00	191711
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/17/2022 12:00	191711
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/17/2022 12:00	191711
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/17/2022 12:00	191711
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/17/2022 12:00	191711
Pyrene	NELAP	).000180	0.000200	B	**ND**	mg/L	1	05/17/2022 12:00	191711
Surr: 2,4,6-Tribromophenol	*	0	10-179		**86.2**	%REC	1	05/17/2022 12:00	191711
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**83.2**	%REC	1	05/17/2022 12:00	191711
Surr: 2-Fluorophenol	*	0	10-157		**69.6**	%REC	1	05/17/2022 12:00	191711
Surr: Nitrobenzene-d5	*	0	15-163		**65.2**	%REC	1	05/17/2022 12:00	191711
Surr: Phenol-d5	*	0	10-162		**47.8**	%REC	1	05/17/2022 12:00	191711
Surr: p-Terphenyl-d14	*	0	10-173		**104.6**	%REC	1	05/17/2022 12:00	191711

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

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	05/13/2022 18:50	191699
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	05/13/2022 18:50	191699
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/13/2022 18:50	191699
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/13/2022 18:50	191699
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/13/2022 18:50	191699
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/13/2022 18:50	191699
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/13/2022 18:50	191699
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/13/2022 18:50	191699
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/13/2022 18:50	191699
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/13/2022 18:50	191699
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**100.7**	%REC	1	05/13/2022 18:50	191699
Surr: 4-Bromofluorobenzene	*	0	80-120		**100.9**	%REC	1	05/13/2022 18:50	191699
Surr: Dibromofluoromethane	*	0	80-120		**102.7**	%REC	1	05/13/2022 18:50	191699
Surr: Toluene-d8	*	0	80-120		**94.0**	%REC	1	05/13/2022 18:50	191699

Laboratory Results

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Client: ERM
Work Order: 22050865
Client Project: Ameren Taylorville 2nd Qtr 2022
Report Date: 23-May-22
Lab ID: 22050865-010
Client Sample ID: GW-16D
Matrix: GROUNDWATER
Collection Date: 05/09/2022 13:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/17/2022 12:38	191711
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/17/2022 12:38	191711
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/17/2022 12:38	191711
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/17/2022 12:38	191711
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/17/2022 12:38	191711
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/17/2022 12:38	191711
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/17/2022 12:38	191711
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/17/2022 12:38	191711
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**0.00299**	mg/L	1	05/17/2022 12:38	191711
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/17/2022 12:38	191711
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/17/2022 12:38	191711
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/17/2022 12:38	191711
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/17/2022 12:38	191711
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	05/17/2022 12:38	191711
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/17/2022 12:38	191711
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/17/2022 12:38	191711
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/17/2022 12:38	191711
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/17/2022 12:38	191711
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/17/2022 12:38	191711
Pyrene	NELAP	).000180	0.000200	B	**ND**	mg/L	1	05/17/2022 12:38	191711
Surr: 2,4,6-Tribromophenol	*	0	10-179		**84.0**	%REC	1	05/17/2022 12:38	191711
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**85.6**	%REC	1	05/17/2022 12:38	191711
Surr: 2-Fluorophenol	*	0	10-157		**67.8**	%REC	1	05/17/2022 12:38	191711
Surr: Nitrobenzene-d5	*	0	15-163		**66.0**	%REC	1	05/17/2022 12:38	191711
Surr: Phenol-d5	*	0	10-162		**49.2**	%REC	1	05/17/2022 12:38	191711
Surr: p-Terphenyl-d14	*	0	10-173		**99.4**	%REC	1	05/17/2022 12:38	191711

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

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50	J	**0.38**	µg/L	1	05/14/2022 6:01	191707
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	05/14/2022 6:01	191707
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/14/2022 6:01	191707
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/14/2022 6:01	191707
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/14/2022 6:01	191707
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/14/2022 6:01	191707
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/14/2022 6:01	191707
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/14/2022 6:01	191707
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/14/2022 6:01	191707
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/14/2022 6:01	191707
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**104.2**	%REC	1	05/14/2022 6:01	191707
Surr: 4-Bromofluorobenzene	*	0	80-120		**107.3**	%REC	1	05/14/2022 6:01	191707
Surr: Dibromofluoromethane	*	0	80-120		**92.9**	%REC	1	05/14/2022 6:01	191707
Surr: Toluene-d8	*	0	80-120		**103.2**	%REC	1	05/14/2022 6:01	191707

Laboratory Results

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Client: ERM
Work Order: 22050865
Client Project: Ameren Taylorville 2nd Qtr 2022
Report Date: 23-May-22
Lab ID: 22050865-011
Client Sample ID: GW-17
Matrix: GROUNDWATER
Collection Date: 05/09/2022 14:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/17/2022 13:16	191711
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/17/2022 13:16	191711
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/17/2022 13:16	191711
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/17/2022 13:16	191711
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/17/2022 13:16	191711
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/17/2022 13:16	191711
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/17/2022 13:16	191711
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/17/2022 13:16	191711
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	05/17/2022 13:16	191711
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/17/2022 13:16	191711
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/17/2022 13:16	191711
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/17/2022 13:16	191711
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/17/2022 13:16	191711
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	05/17/2022 13:16	191711
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/17/2022 13:16	191711
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/17/2022 13:16	191711
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/17/2022 13:16	191711
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/17/2022 13:16	191711
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/17/2022 13:16	191711
Pyrene	NELAP	).000180	0.000200	B	**ND**	mg/L	1	05/17/2022 13:16	191711
Surr: 2,4,6-Tribromophenol	*	0	10-179		**79.0**	%REC	1	05/17/2022 13:16	191711
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**81.5**	%REC	1	05/17/2022 13:16	191711
Surr: 2-Fluorophenol	*	0	10-157		**70.0**	%REC	1	05/17/2022 13:16	191711
Surr: Nitrobenzene-d5	*	0	15-163		**69.1**	%REC	1	05/17/2022 13:16	191711
Surr: Phenol-d5	*	0	10-162		**49.2**	%REC	1	05/17/2022 13:16	191711
Surr: p-Terphenyl-d14	*	0	10-173		**101.2**	%REC	1	05/17/2022 13:16	191711

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

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	05/14/2022 6:25	191707
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	05/14/2022 6:25	191707
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/14/2022 6:25	191707
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/14/2022 6:25	191707
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/14/2022 6:25	191707
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/14/2022 6:25	191707
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/14/2022 6:25	191707
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/14/2022 6:25	191707
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/14/2022 6:25	191707
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/14/2022 6:25	191707
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**102.7**	%REC	1	05/14/2022 6:25	191707
Surr: 4-Bromofluorobenzene	*	0	80-120		**107.5**	%REC	1	05/14/2022 6:25	191707
Surr: Dibromofluoromethane	*	0	80-120		**92.2**	%REC	1	05/14/2022 6:25	191707
Surr: Toluene-d8	*	0	80-120		**102.5**	%REC	1	05/14/2022 6:25	191707

Laboratory Results

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Client: ERM
Work Order: 22050865
Client Project: Ameren Taylorville 2nd Qtr 2022
Report Date: 23-May-22
Lab ID: 22050865-012
Client Sample ID: GW-18S
Matrix: GROUNDWATER
Collection Date: 05/09/2022 19:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/17/2022 13:53	191711
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/17/2022 13:53	191711
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/17/2022 13:53	191711
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/17/2022 13:53	191711
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/17/2022 13:53	191711
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/17/2022 13:53	191711
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/17/2022 13:53	191711
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/17/2022 13:53	191711
Bis(2-ethylhexyl)phthalate	NELAP	0.00286	0.00400		**0.00805**	mg/L	2	05/18/2022 14:56	191711
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/17/2022 13:53	191711
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/17/2022 13:53	191711
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/17/2022 13:53	191711
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/17/2022 13:53	191711
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	05/17/2022 13:53	191711
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/17/2022 13:53	191711
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/17/2022 13:53	191711
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/17/2022 13:53	191711
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/17/2022 13:53	191711
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/17/2022 13:53	191711
Pyrene	NELAP	).000180	0.000200	B	**ND**	mg/L	1	05/17/2022 13:53	191711
Surr: 2,4,6-Tribromophenol	*	0	10-179		**78.8**	%REC	1	05/17/2022 13:53	191711
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**76.3**	%REC	1	05/17/2022 13:53	191711
Surr: 2-Fluorophenol	*	0	10-157		**70.4**	%REC	1	05/17/2022 13:53	191711
Surr: Nitrobenzene-d5	*	0	15-163		**72.2**	%REC	1	05/17/2022 13:53	191711
Surr: Phenol-d5	*	0	10-162		**52.0**	%REC	1	05/17/2022 13:53	191711
Surr: p-Terphenyl-d14	*	0	10-173		**100.8**	%REC	1	05/17/2022 13:53	191711

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

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	05/13/2022 13:28	191674
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	05/13/2022 13:28	191674
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/13/2022 13:28	191674
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/13/2022 13:28	191674
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/13/2022 13:28	191674
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/13/2022 13:28	191674
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/13/2022 13:28	191674
Toluene	NELAP	0.10	2.0	J	**0.13**	µg/L	1	05/13/2022 13:28	191674
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/13/2022 13:28	191674
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/13/2022 13:28	191674
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**105.0**	%REC	1	05/13/2022 13:28	191674
Surr: 4-Bromofluorobenzene	*	0	80-120		**107.5**	%REC	1	05/13/2022 13:28	191674
Surr: Dibromofluoromethane	*	0	80-120		**99.6**	%REC	1	05/13/2022 13:28	191674
Surr: Toluene-d8	*	0	80-120		**101.3**	%REC	1	05/13/2022 13:28	191674

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 22050865
Client Project: Ameren Taylorville 2nd Qtr 2022
Report Date: 23-May-22
Lab ID: 22050865-013
Client Sample ID: GW-18D
Matrix: GROUNDWATER
Collection Date: 05/09/2022 18:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/17/2022 14:31	191711
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/17/2022 14:31	191711
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/17/2022 14:31	191711
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/17/2022 14:31	191711
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/17/2022 14:31	191711
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/17/2022 14:31	191711
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/17/2022 14:31	191711
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/17/2022 14:31	191711
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**0.00295**	mg/L	1	05/17/2022 14:31	191711
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/17/2022 14:31	191711
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/17/2022 14:31	191711
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/17/2022 14:31	191711
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/17/2022 14:31	191711
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	05/17/2022 14:31	191711
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/17/2022 14:31	191711
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/17/2022 14:31	191711
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/17/2022 14:31	191711
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/17/2022 14:31	191711
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/17/2022 14:31	191711
Pyrene	NELAP	).000180	0.000200	B	**ND**	mg/L	1	05/17/2022 14:31	191711
Surr: 2,4,6-Tribromophenol	*	0	10-179		**94.5**	%REC	1	05/17/2022 14:31	191711
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**89.9**	%REC	1	05/17/2022 14:31	191711
Surr: 2-Fluorophenol	*	0	10-157		**69.9**	%REC	1	05/17/2022 14:31	191711
Surr: Nitrobenzene-d5	*	0	15-163		**65.1**	%REC	1	05/17/2022 14:31	191711
Surr: Phenol-d5	*	0	10-162		**49.5**	%REC	1	05/17/2022 14:31	191711
Surr: p-Terphenyl-d14	*	0	10-173		**105.3**	%REC	1	05/17/2022 14:31	191711

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

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	05/13/2022 13:53	191674
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	05/13/2022 13:53	191674
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/13/2022 13:53	191674
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/13/2022 13:53	191674
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/13/2022 13:53	191674
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/13/2022 13:53	191674
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/13/2022 13:53	191674
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/13/2022 13:53	191674
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/13/2022 13:53	191674
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/13/2022 13:53	191674
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**104.7**	%REC	1	05/13/2022 13:53	191674
Surr: 4-Bromofluorobenzene	*	0	80-120		**105.6**	%REC	1	05/13/2022 13:53	191674
Surr: Dibromofluoromethane	*	0	80-120		**97.9**	%REC	1	05/13/2022 13:53	191674
Surr: Toluene-d8	*	0	80-120		**100.8**	%REC	1	05/13/2022 13:53	191674

Laboratory Results

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Client: ERM
Work Order: 22050865
Client Project: Ameren Taylorville 2nd Qtr 2022
Report Date: 23-May-22
Lab ID: 22050865-014
Client Sample ID: GW-19S
Matrix: GROUNDWATER
Collection Date: 05/09/2022 17:25

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/17/2022 15:08	191711
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/17/2022 15:08	191711
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/17/2022 15:08	191711
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/17/2022 15:08	191711
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/17/2022 15:08	191711
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/17/2022 15:08	191711
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/17/2022 15:08	191711
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/17/2022 15:08	191711
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	05/17/2022 15:08	191711
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/17/2022 15:08	191711
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/17/2022 15:08	191711
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/17/2022 15:08	191711
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/17/2022 15:08	191711
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	05/17/2022 15:08	191711
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/17/2022 15:08	191711
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/17/2022 15:08	191711
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/17/2022 15:08	191711
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/17/2022 15:08	191711
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/17/2022 15:08	191711
Pyrene	NELAP	).000180	0.000200	B	**ND**	mg/L	1	05/17/2022 15:08	191711
Surr: 2,4,6-Tribromophenol	*	0	10-179		**112.2**	%REC	1	05/17/2022 15:08	191711
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**88.1**	%REC	1	05/17/2022 15:08	191711
Surr: 2-Fluorophenol	*	0	10-157		**67.6**	%REC	1	05/17/2022 15:08	191711
Surr: Nitrobenzene-d5	*	0	15-163		**69.6**	%REC	1	05/17/2022 15:08	191711
Surr: Phenol-d5	*	0	10-162		**53.1**	%REC	1	05/17/2022 15:08	191711
Surr: p-Terphenyl-d14	*	0	10-173		**110.2**	%REC	1	05/17/2022 15:08	191711

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

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	05/13/2022 14:17	191674
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	05/13/2022 14:17	191674
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/13/2022 14:17	191674
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/13/2022 14:17	191674
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/13/2022 14:17	191674
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/13/2022 14:17	191674
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/13/2022 14:17	191674
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/13/2022 14:17	191674
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/13/2022 14:17	191674
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/13/2022 14:17	191674
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**102.7**	%REC	1	05/13/2022 14:17	191674
Surr: 4-Bromofluorobenzene	*	0	80-120		**107.1**	%REC	1	05/13/2022 14:17	191674
Surr: Dibromofluoromethane	*	0	80-120		**98.9**	%REC	1	05/13/2022 14:17	191674
Surr: Toluene-d8	*	0	80-120		**101.9**	%REC	1	05/13/2022 14:17	191674

Laboratory Results

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Client: ERM
Work Order: 22050865
Client Project: Ameren Taylorville 2nd Qtr 2022
Report Date: 23-May-22
Lab ID: 22050865-015
Client Sample ID: GW-19D
Matrix: GROUNDWATER
Collection Date: 05/09/2022 16:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/17/2022 15:46	191711
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/17/2022 15:46	191711
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/17/2022 15:46	191711
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/17/2022 15:46	191711
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/17/2022 15:46	191711
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/17/2022 15:46	191711
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/17/2022 15:46	191711
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/17/2022 15:46	191711
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	05/17/2022 15:46	191711
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/17/2022 15:46	191711
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/17/2022 15:46	191711
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/17/2022 15:46	191711
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/17/2022 15:46	191711
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	05/17/2022 15:46	191711
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/17/2022 15:46	191711
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/17/2022 15:46	191711
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/17/2022 15:46	191711
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/17/2022 15:46	191711
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/17/2022 15:46	191711
Pyrene	NELAP	).000180	0.000200	B	**ND**	mg/L	1	05/17/2022 15:46	191711
Surr: 2,4,6-Tribromophenol	*	0	10-179		**86.7**	%REC	1	05/17/2022 15:46	191711
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**80.4**	%REC	1	05/17/2022 15:46	191711
Surr: 2-Fluorophenol	*	0	10-157		**69.2**	%REC	1	05/17/2022 15:46	191711
Surr: Nitrobenzene-d5	*	0	15-163		**65.6**	%REC	1	05/17/2022 15:46	191711
Surr: Phenol-d5	*	0	10-162		**48.8**	%REC	1	05/17/2022 15:46	191711
Surr: p-Terphenyl-d14	*	0	10-173		**104.6**	%REC	1	05/17/2022 15:46	191711

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

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	05/13/2022 14:41	191674
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	05/13/2022 14:41	191674
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/13/2022 14:41	191674
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/13/2022 14:41	191674
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/13/2022 14:41	191674
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/13/2022 14:41	191674
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/13/2022 14:41	191674
Toluene	NELAP	0.10	2.0	J	**0.12**	µg/L	1	05/13/2022 14:41	191674
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/13/2022 14:41	191674
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/13/2022 14:41	191674
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**105.4**	%REC	1	05/13/2022 14:41	191674
Surr: 4-Bromofluorobenzene	*	0	80-120		**107.2**	%REC	1	05/13/2022 14:41	191674
Surr: Dibromofluoromethane	*	0	80-120		**98.6**	%REC	1	05/13/2022 14:41	191674
Surr: Toluene-d8	*	0	80-120		**99.9**	%REC	1	05/13/2022 14:41	191674

Laboratory Results

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Client: ERM
Work Order: 22050865
Client Project: Ameren Taylorville 2nd Qtr 2022
Report Date: 23-May-22
Lab ID: 22050865-016
Client Sample ID: GW-20
Matrix: GROUNDWATER
Collection Date: 05/09/2022 15:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/17/2022 16:24	191711
Acenaphthylene	NELAP	).000050	0.00010	J	**0.000080**	mg/L	1	05/17/2022 16:24	191711
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/17/2022 16:24	191711
Benzo(a)anthracene	NELAP	).000070	0.00010	J	**0.000088**	mg/L	1	05/17/2022 16:24	191711
Benzo(a)pyrene	NELAP	).000110	0.000200		**0.000337**	mg/L	1	05/17/2022 16:24	191711
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**0.000258**	mg/L	1	05/17/2022 16:24	191711
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**0.000441**	mg/L	1	05/17/2022 16:24	191711
Benzo(k)fluoranthene	NELAP	).000050	0.00010	J	**0.000080**	mg/L	1	05/17/2022 16:24	191711
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	05/17/2022 16:24	191711
Chrysene	NELAP	).000050	0.000100		**0.000151**	mg/L	1	05/17/2022 16:24	191711
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/17/2022 16:24	191711
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/17/2022 16:24	191711
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/17/2022 16:24	191711
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	05/17/2022 16:24	191711
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**0.000345**	mg/L	1	05/17/2022 16:24	191711
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/17/2022 16:24	191711
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/17/2022 16:24	191711
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/17/2022 16:24	191711
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/17/2022 16:24	191711
Pyrene	NELAP	).000180	0.000200	B	**0.000208**	mg/L	1	05/17/2022 16:24	191711
Surr: 2,4,6-Tribromophenol	*	0	10-179		**104.4**	%REC	1	05/17/2022 16:24	191711
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**84.8**	%REC	1	05/17/2022 16:24	191711
Surr: 2-Fluorophenol	*	0	10-157		**73.8**	%REC	1	05/17/2022 16:24	191711
Surr: Nitrobenzene-d5	*	0	15-163		**78.4**	%REC	1	05/17/2022 16:24	191711
Surr: Phenol-d5	*	0	10-162		**55.3**	%REC	1	05/17/2022 16:24	191711
Surr: p-Terphenyl-d14	*	0	10-173		**103.4**	%REC	1	05/17/2022 16:24	191711

Contamination present in the MBLK for Pyrene. Insufficient sample to re-extract.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	05/13/2022 15:05	191674
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	05/13/2022 15:05	191674
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/13/2022 15:05	191674
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/13/2022 15:05	191674
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/13/2022 15:05	191674
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/13/2022 15:05	191674
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/13/2022 15:05	191674
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/13/2022 15:05	191674
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/13/2022 15:05	191674
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/13/2022 15:05	191674
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**104.4**	%REC	1	05/13/2022 15:05	191674
Surr: 4-Bromofluorobenzene	*	0	80-120		**109.7**	%REC	1	05/13/2022 15:05	191674
Surr: Dibromofluoromethane	*	0	80-120		**99.0**	%REC	1	05/13/2022 15:05	191674
Surr: Toluene-d8	*	0	80-120		**99.9**	%REC	1	05/13/2022 15:05	191674

Laboratory Results

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Client: ERM
Work Order: 22050865
Client Project: Ameren Taylorville 2nd Qtr 2022
Report Date: 23-May-22
Lab ID: 22050865-017
Client Sample ID: GW-21
Matrix: GROUNDWATER
Collection Date: 05/11/2022 16:45

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/17/2022 17:01	191711
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/17/2022 17:01	191711
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/17/2022 17:01	191711
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/17/2022 17:01	191711
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/17/2022 17:01	191711
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/17/2022 17:01	191711
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/17/2022 17:01	191711
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/17/2022 17:01	191711
Bis(2-ethylhexyl)phthalate	NELAP	0.0014	0.0020	J	**0.0016**	mg/L	1	05/17/2022 17:01	191711
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/17/2022 17:01	191711
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/17/2022 17:01	191711
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/17/2022 17:01	191711
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/17/2022 17:01	191711
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	05/17/2022 17:01	191711
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/17/2022 17:01	191711
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/17/2022 17:01	191711
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/17/2022 17:01	191711
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/17/2022 17:01	191711
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/17/2022 17:01	191711
Pyrene	NELAP	).000180	0.000200	B	**ND**	mg/L	1	05/17/2022 17:01	191711
Surr: 2,4,6-Tribromophenol	*	0	10-179		**82.2**	%REC	1	05/17/2022 17:01	191711
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**73.6**	%REC	1	05/17/2022 17:01	191711
Surr: 2-Fluorophenol	*	0	10-157		**63.1**	%REC	1	05/17/2022 17:01	191711
Surr: Nitrobenzene-d5	*	0	15-163		**69.1**	%REC	1	05/17/2022 17:01	191711
Surr: Phenol-d5	*	0	10-162		**46.7**	%REC	1	05/17/2022 17:01	191711
Surr: p-Terphenyl-d14	*	0	10-173		**79.4**	%REC	1	05/17/2022 17:01	191711

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

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	05/13/2022 15:29	191674
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	05/13/2022 15:29	191674
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/13/2022 15:29	191674
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/13/2022 15:29	191674
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/13/2022 15:29	191674
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/13/2022 15:29	191674
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/13/2022 15:29	191674
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/13/2022 15:29	191674
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/13/2022 15:29	191674
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/13/2022 15:29	191674
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**105.6**	%REC	1	05/13/2022 15:29	191674
Surr: 4-Bromofluorobenzene	*	0	80-120		**107.9**	%REC	1	05/13/2022 15:29	191674
Surr: Dibromofluoromethane	*	0	80-120		**99.5**	%REC	1	05/13/2022 15:29	191674
Surr: Toluene-d8	*	0	80-120		**101.5**	%REC	1	05/13/2022 15:29	191674

Laboratory Results

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Client: ERM
Work Order: 22050865
Client Project: Ameren Taylorville 2nd Qtr 2022
Report Date: 23-May-22
Lab ID: 22050865-018
Client Sample ID: GW-22S
Matrix: GROUNDWATER
Collection Date: 05/10/2022 18:25

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/18/2022 12:26	191785
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/18/2022 12:26	191785
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/18/2022 12:26	191785
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/18/2022 12:26	191785
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/18/2022 12:26	191785
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/18/2022 12:26	191785
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/18/2022 12:26	191785
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/18/2022 12:26	191785
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**0.00347**	mg/L	1	05/18/2022 12:26	191785
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/18/2022 12:26	191785
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/18/2022 12:26	191785
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/18/2022 12:26	191785
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/18/2022 12:26	191785
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	05/18/2022 12:26	191785
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/18/2022 12:26	191785
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/18/2022 12:26	191785
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/18/2022 12:26	191785
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/18/2022 12:26	191785
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/18/2022 12:26	191785
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	05/18/2022 12:26	191785
Surr: 2,4,6-Tribromophenol	*	0	10-179		**89.6**	%REC	1	05/18/2022 12:26	191785
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**83.5**	%REC	1	05/18/2022 12:26	191785
Surr: 2-Fluorophenol	*	0	10-157		**71.7**	%REC	1	05/18/2022 12:26	191785
Surr: Nitrobenzene-d5	*	0	15-163		**78.1**	%REC	1	05/18/2022 12:26	191785
Surr: Phenol-d5	*	0	10-162		**48.8**	%REC	1	05/18/2022 12:26	191785
Surr: p-Terphenyl-d14	*	0	10-173		**109.1**	%REC	1	05/18/2022 12:26	191785
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	05/13/2022 15:53	191674
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	05/13/2022 15:53	191674
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/13/2022 15:53	191674
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/13/2022 15:53	191674
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/13/2022 15:53	191674
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/13/2022 15:53	191674
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/13/2022 15:53	191674
Toluene	NELAP	0.10	2.0	J	**0.12**	µg/L	1	05/13/2022 15:53	191674
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/13/2022 15:53	191674
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/13/2022 15:53	191674
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**105.0**	%REC	1	05/13/2022 15:53	191674
Surr: 4-Bromofluorobenzene	*	0	80-120		**106.4**	%REC	1	05/13/2022 15:53	191674
Surr: Dibromofluoromethane	*	0	80-120		**98.2**	%REC	1	05/13/2022 15:53	191674
Surr: Toluene-d8	*	0	80-120		**99.9**	%REC	1	05/13/2022 15:53	191674

Laboratory Results

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Client: ERM
Work Order: 22050865
Client Project: Ameren Taylorville 2nd Qtr 2022
Report Date: 23-May-22
Lab ID: 22050865-019
Client Sample ID: GW-22D
Matrix: GROUNDWATER
Collection Date: 05/10/2022 17:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/17/2022 17:39	191711
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/17/2022 17:39	191711
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/17/2022 17:39	191711
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/17/2022 17:39	191711
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/17/2022 17:39	191711
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/17/2022 17:39	191711
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/17/2022 17:39	191711
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/17/2022 17:39	191711
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	05/17/2022 17:39	191711
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/17/2022 17:39	191711
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/17/2022 17:39	191711
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/17/2022 17:39	191711
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/17/2022 17:39	191711
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	05/17/2022 17:39	191711
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/17/2022 17:39	191711
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/17/2022 17:39	191711
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/17/2022 17:39	191711
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/17/2022 17:39	191711
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/17/2022 17:39	191711
Pyrene	NELAP	).000180	0.000200	B	**ND**	mg/L	1	05/17/2022 17:39	191711
Surr: 2,4,6-Tribromophenol	*	0	10-179		**77.0**	%REC	1	05/17/2022 17:39	191711
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**82.0**	%REC	1	05/17/2022 17:39	191711
Surr: 2-Fluorophenol	*	0	10-157		**76.4**	%REC	1	05/17/2022 17:39	191711
Surr: Nitrobenzene-d5	*	0	15-163		**67.0**	%REC	1	05/17/2022 17:39	191711
Surr: Phenol-d5	*	0	10-162		**53.5**	%REC	1	05/17/2022 17:39	191711
Surr: p-Terphenyl-d14	*	0	10-173		**107.7**	%REC	1	05/17/2022 17:39	191711

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

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	05/16/2022 13:33	191727
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	05/16/2022 13:33	191727
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/16/2022 13:33	191727
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/16/2022 13:33	191727
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/16/2022 13:33	191727
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/16/2022 13:33	191727
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/16/2022 13:33	191727
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/16/2022 13:33	191727
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/16/2022 13:33	191727
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/16/2022 13:33	191727
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**99.9**	%REC	1	05/16/2022 13:33	191727
Surr: 4-Bromofluorobenzene	*	0	80-120		**97.7**	%REC	1	05/16/2022 13:33	191727
Surr: Dibromofluoromethane	*	0	80-120		**99.4**	%REC	1	05/16/2022 13:33	191727
Surr: Toluene-d8	*	0	80-120		**99.1**	%REC	1	05/16/2022 13:33	191727

Laboratory Results

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Client: ERM
Work Order: 22050865
Client Project: Ameren Taylorville 2nd Qtr 2022
Report Date: 23-May-22
Lab ID: 22050865-020
Client Sample ID: GW-12
Matrix: GROUNDWATER
Collection Date: 05/11/2022 17:05

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/20/2022 9:38	191785
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/20/2022 9:38	191785
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/20/2022 9:38	191785
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/20/2022 9:38	191785
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/20/2022 9:38	191785
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/20/2022 9:38	191785
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/20/2022 9:38	191785
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/20/2022 9:38	191785
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	05/20/2022 9:38	191785
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/20/2022 9:38	191785
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/20/2022 9:38	191785
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/20/2022 9:38	191785
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/20/2022 9:38	191785
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	05/20/2022 9:38	191785
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/20/2022 9:38	191785
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/20/2022 9:38	191785
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/20/2022 9:38	191785
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/20/2022 9:38	191785
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/20/2022 9:38	191785
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	05/20/2022 9:38	191785
Surr: 2,4,6-Tribromophenol	*	0	10-179		**66.2**	%REC	1	05/20/2022 9:38	191785
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**69.8**	%REC	1	05/20/2022 9:38	191785
Surr: 2-Fluorophenol	*	0	10-157		**60.0**	%REC	1	05/20/2022 9:38	191785
Surr: Nitrobenzene-d5	*	0	15-163		**55.6**	%REC	1	05/20/2022 9:38	191785
Surr: Phenol-d5	*	0	10-162		**30.4**	%REC	1	05/20/2022 9:38	191785
Surr: p-Terphenyl-d14	*	0	10-173		**87.3**	%REC	1	05/20/2022 9:38	191785
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	05/13/2022 23:09	191707
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	05/13/2022 23:09	191707
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/13/2022 23:09	191707
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/13/2022 23:09	191707
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/13/2022 23:09	191707
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/13/2022 23:09	191707
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/13/2022 23:09	191707
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/13/2022 23:09	191707
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/13/2022 23:09	191707
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/13/2022 23:09	191707
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**105.4**	%REC	1	05/13/2022 23:09	191707
Surr: 4-Bromofluorobenzene	*	0	80-120		**109.1**	%REC	1	05/13/2022 23:09	191707
Surr: Dibromofluoromethane	*	0	80-120		**99.3**	%REC	1	05/13/2022 23:09	191707
Surr: Toluene-d8	*	0	80-120		**100.7**	%REC	1	05/13/2022 23:09	191707

Laboratory Results

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Client: ERM
Work Order: 22050865
Client Project: Ameren Taylorville 2nd Qtr 2022
Report Date: 23-May-22
Lab ID: 22050865-021
Client Sample ID: GW-13S
Matrix: GROUNDWATER
Collection Date: 05/11/2022 8:05

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/18/2022 13:04	191785
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/18/2022 13:04	191785
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/18/2022 13:04	191785
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/18/2022 13:04	191785
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/18/2022 13:04	191785
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/18/2022 13:04	191785
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/18/2022 13:04	191785
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/18/2022 13:04	191785
Bis(2-ethylhexyl)phthalate	NELAP	0.0014	0.0020	J	**0.0015**	mg/L	1	05/18/2022 13:04	191785
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/18/2022 13:04	191785
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/18/2022 13:04	191785
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/18/2022 13:04	191785
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/18/2022 13:04	191785
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	05/18/2022 13:04	191785
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/18/2022 13:04	191785
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/18/2022 13:04	191785
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/18/2022 13:04	191785
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/18/2022 13:04	191785
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/18/2022 13:04	191785
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	05/18/2022 13:04	191785
Surr: 2,4,6-Tribromophenol	*	0	10-179		**91.3**	%REC	1	05/18/2022 13:04	191785
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**91.2**	%REC	1	05/18/2022 13:04	191785
Surr: 2-Fluorophenol	*	0	10-157		**72.7**	%REC	1	05/18/2022 13:04	191785
Surr: Nitrobenzene-d5	*	0	15-163		**77.8**	%REC	1	05/18/2022 13:04	191785
Surr: Phenol-d5	*	0	10-162		**46.0**	%REC	1	05/18/2022 13:04	191785
Surr: p-Terphenyl-d14	*	0	10-173		**119.1**	%REC	1	05/18/2022 13:04	191785
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	05/13/2022 23:33	191707
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	05/13/2022 23:33	191707
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/13/2022 23:33	191707
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/13/2022 23:33	191707
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/13/2022 23:33	191707
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/13/2022 23:33	191707
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/13/2022 23:33	191707
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/13/2022 23:33	191707
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/13/2022 23:33	191707
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/13/2022 23:33	191707
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**104.7**	%REC	1	05/13/2022 23:33	191707
Surr: 4-Bromofluorobenzene	*	0	80-120		**108.3**	%REC	1	05/13/2022 23:33	191707
Surr: Dibromofluoromethane	*	0	80-120		**98.2**	%REC	1	05/13/2022 23:33	191707
Surr: Toluene-d8	*	0	80-120		**101.0**	%REC	1	05/13/2022 23:33	191707

Laboratory Results

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Client: ERM
Work Order: 22050865
Client Project: Ameren Taylorville 2nd Qtr 2022
Report Date: 23-May-22
Lab ID: 22050865-022
Client Sample ID: GW-13D
Matrix: GROUNDWATER
Collection Date: 05/11/2022 7:50

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/18/2022 13:41	191785
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/18/2022 13:41	191785
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/18/2022 13:41	191785
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/18/2022 13:41	191785
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/18/2022 13:41	191785
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/18/2022 13:41	191785
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/18/2022 13:41	191785
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/18/2022 13:41	191785
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	05/18/2022 13:41	191785
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/18/2022 13:41	191785
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/18/2022 13:41	191785
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/18/2022 13:41	191785
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/18/2022 13:41	191785
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	05/18/2022 13:41	191785
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/18/2022 13:41	191785
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/18/2022 13:41	191785
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/18/2022 13:41	191785
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/18/2022 13:41	191785
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/18/2022 13:41	191785
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	05/18/2022 13:41	191785
Surr: 2,4,6-Tribromophenol	*	0	10-179		**85.7**	%REC	1	05/18/2022 13:41	191785
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**86.1**	%REC	1	05/18/2022 13:41	191785
Surr: 2-Fluorophenol	*	0	10-157		**69.0**	%REC	1	05/18/2022 13:41	191785
Surr: Nitrobenzene-d5	*	0	15-163		**75.2**	%REC	1	05/18/2022 13:41	191785
Surr: Phenol-d5	*	0	10-162		**45.7**	%REC	1	05/18/2022 13:41	191785
Surr: p-Terphenyl-d14	*	0	10-173		**114.6**	%REC	1	05/18/2022 13:41	191785
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	05/13/2022 23:57	191707
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	05/13/2022 23:57	191707
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/13/2022 23:57	191707
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/13/2022 23:57	191707
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/13/2022 23:57	191707
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/13/2022 23:57	191707
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/13/2022 23:57	191707
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/13/2022 23:57	191707
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/13/2022 23:57	191707
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/13/2022 23:57	191707
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**106.0**	%REC	1	05/13/2022 23:57	191707
Surr: 4-Bromofluorobenzene	*	0	80-120		**109.0**	%REC	1	05/13/2022 23:57	191707
Surr: Dibromofluoromethane	*	0	80-120		**97.7**	%REC	1	05/13/2022 23:57	191707
Surr: Toluene-d8	*	0	80-120		**101.7**	%REC	1	05/13/2022 23:57	191707

Laboratory Results

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Client: ERM
Work Order: 22050865
Client Project: Ameren Taylorville 2nd Qtr 2022
Report Date: 23-May-22
Lab ID: 22050865-023
Client Sample ID: GW-101S
Matrix: GROUNDWATER
Collection Date: 05/10/2022 10:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/17/2022 19:32	191711
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/17/2022 19:32	191711
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/17/2022 19:32	191711
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/17/2022 19:32	191711
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/17/2022 19:32	191711
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/17/2022 19:32	191711
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/17/2022 19:32	191711
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/17/2022 19:32	191711
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	05/17/2022 19:32	191711
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/17/2022 19:32	191711
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/17/2022 19:32	191711
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/17/2022 19:32	191711
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/17/2022 19:32	191711
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	05/17/2022 19:32	191711
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/17/2022 19:32	191711
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/17/2022 19:32	191711
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/17/2022 19:32	191711
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/17/2022 19:32	191711
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/17/2022 19:32	191711
Pyrene	NELAP	).000180	0.000200	B	**ND**	mg/L	1	05/17/2022 19:32	191711
Surr: 2,4,6-Tribromophenol	*	0	10-179		**89.5**	%REC	1	05/17/2022 19:32	191711
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**85.9**	%REC	1	05/17/2022 19:32	191711
Surr: 2-Fluorophenol	*	0	10-157		**77.5**	%REC	1	05/17/2022 19:32	191711
Surr: Nitrobenzene-d5	*	0	15-163		**70.4**	%REC	1	05/17/2022 19:32	191711
Surr: Phenol-d5	*	0	10-162		**51.7**	%REC	1	05/17/2022 19:32	191711
Surr: p-Terphenyl-d14	*	0	10-173		**101.1**	%REC	1	05/17/2022 19:32	191711

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

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	05/14/2022 0:21	191707
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	05/14/2022 0:21	191707
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/14/2022 0:21	191707
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/14/2022 0:21	191707
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/14/2022 0:21	191707
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/14/2022 0:21	191707
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/14/2022 0:21	191707
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/14/2022 0:21	191707
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/14/2022 0:21	191707
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/14/2022 0:21	191707
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**103.7**	%REC	1	05/14/2022 0:21	191707
Surr: 4-Bromofluorobenzene	*	0	80-120		**108.9**	%REC	1	05/14/2022 0:21	191707
Surr: Dibromofluoromethane	*	0	80-120		**97.2**	%REC	1	05/14/2022 0:21	191707
Surr: Toluene-d8	*	0	80-120		**101.9**	%REC	1	05/14/2022 0:21	191707

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 22050865
Client Project: Ameren Taylorville 2nd Qtr 2022
Report Date: 23-May-22
Lab ID: 22050865-024
Client Sample ID: GW-102S
Matrix: GROUNDWATER
Collection Date: 05/10/2022 9:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/17/2022 22:02	191711
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/17/2022 22:02	191711
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/17/2022 22:02	191711
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/17/2022 22:02	191711
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/17/2022 22:02	191711
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/17/2022 22:02	191711
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/17/2022 22:02	191711
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/17/2022 22:02	191711
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	05/17/2022 22:02	191711
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/17/2022 22:02	191711
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/17/2022 22:02	191711
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/17/2022 22:02	191711
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/17/2022 22:02	191711
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	05/17/2022 22:02	191711
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/17/2022 22:02	191711
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/17/2022 22:02	191711
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/17/2022 22:02	191711
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/17/2022 22:02	191711
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/17/2022 22:02	191711
Pyrene	NELAP	).000180	0.000200	B	**ND**	mg/L	1	05/17/2022 22:02	191711
Surr: 2,4,6-Tribromophenol	*	0	10-179		**80.6**	%REC	1	05/17/2022 22:02	191711
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**84.0**	%REC	1	05/17/2022 22:02	191711
Surr: 2-Fluorophenol	*	0	10-157		**71.3**	%REC	1	05/17/2022 22:02	191711
Surr: Nitrobenzene-d5	*	0	15-163		**62.8**	%REC	1	05/17/2022 22:02	191711
Surr: Phenol-d5	*	0	10-162		**42.0**	%REC	1	05/17/2022 22:02	191711
Surr: p-Terphenyl-d14	*	0	10-173		**95.4**	%REC	1	05/17/2022 22:02	191711

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

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	05/14/2022 0:45	191707
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	05/14/2022 0:45	191707
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/14/2022 0:45	191707
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/14/2022 0:45	191707
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/14/2022 0:45	191707
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/14/2022 0:45	191707
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/14/2022 0:45	191707
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/14/2022 0:45	191707
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/14/2022 0:45	191707
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/14/2022 0:45	191707
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**104.8**	%REC	1	05/14/2022 0:45	191707
Surr: 4-Bromofluorobenzene	*	0	80-120		**107.7**	%REC	1	05/14/2022 0:45	191707
Surr: Dibromofluoromethane	*	0	80-120		**97.0**	%REC	1	05/14/2022 0:45	191707
Surr: Toluene-d8	*	0	80-120		**102.4**	%REC	1	05/14/2022 0:45	191707

Laboratory Results

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Client: ERM
Work Order: 22050865
Client Project: Ameren Taylorville 2nd Qtr 2022
Report Date: 23-May-22
Lab ID: 22050865-025
Client Sample ID: GW-102D
Matrix: GROUNDWATER
Collection Date: 05/10/2022 9:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/17/2022 22:39	191711
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/17/2022 22:39	191711
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/17/2022 22:39	191711
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/17/2022 22:39	191711
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/17/2022 22:39	191711
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/17/2022 22:39	191711
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/17/2022 22:39	191711
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/17/2022 22:39	191711
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	05/17/2022 22:39	191711
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/17/2022 22:39	191711
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/17/2022 22:39	191711
Di-n-butyl phthalate	NELAP	0.00083	0.010	J	**0.00085**	mg/L	1	05/17/2022 22:39	191711
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/17/2022 22:39	191711
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	05/17/2022 22:39	191711
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/17/2022 22:39	191711
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/17/2022 22:39	191711
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/17/2022 22:39	191711
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/17/2022 22:39	191711
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/17/2022 22:39	191711
Pyrene	NELAP	).000180	0.000200	B	**ND**	mg/L	1	05/17/2022 22:39	191711
Surr: 2,4,6-Tribromophenol	*	0	10-179		**83.1**	%REC	1	05/17/2022 22:39	191711
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**81.7**	%REC	1	05/17/2022 22:39	191711
Surr: 2-Fluorophenol	*	0	10-157		**69.0**	%REC	1	05/17/2022 22:39	191711
Surr: Nitrobenzene-d5	*	0	15-163		**68.7**	%REC	1	05/17/2022 22:39	191711
Surr: Phenol-d5	*	0	10-162		**40.1**	%REC	1	05/17/2022 22:39	191711
Surr: p-Terphenyl-d14	*	0	10-173		**97.7**	%REC	1	05/17/2022 22:39	191711

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

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	05/14/2022 1:10	191707
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	05/14/2022 1:10	191707
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/14/2022 1:10	191707
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/14/2022 1:10	191707
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/14/2022 1:10	191707
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/14/2022 1:10	191707
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/14/2022 1:10	191707
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/14/2022 1:10	191707
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/14/2022 1:10	191707
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/14/2022 1:10	191707
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**104.6**	%REC	1	05/14/2022 1:10	191707
Surr: 4-Bromofluorobenzene	*	0	80-120		**107.9**	%REC	1	05/14/2022 1:10	191707
Surr: Dibromofluoromethane	*	0	80-120		**96.3**	%REC	1	05/14/2022 1:10	191707
Surr: Toluene-d8	*	0	80-120		**100.7**	%REC	1	05/14/2022 1:10	191707

Laboratory Results

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Client: ERM
Work Order: 22050865
Client Project: Ameren Taylorville 2nd Qtr 2022
Report Date: 23-May-22
Lab ID: 22050865-026
Client Sample ID: GW-103S
Matrix: GROUNDWATER
Collection Date: 05/11/2022 15:45

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/19/2022 14:07	191785
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/19/2022 14:07	191785
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/19/2022 14:07	191785
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/19/2022 14:07	191785
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/19/2022 14:07	191785
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/19/2022 14:07	191785
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/19/2022 14:07	191785
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/19/2022 14:07	191785
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	05/19/2022 14:07	191785
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/19/2022 14:07	191785
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/19/2022 14:07	191785
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/19/2022 14:07	191785
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/19/2022 14:07	191785
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	05/19/2022 14:07	191785
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/19/2022 14:07	191785
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/19/2022 14:07	191785
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/19/2022 14:07	191785
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/19/2022 14:07	191785
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/19/2022 14:07	191785
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	05/19/2022 14:07	191785
Surr: 2,4,6-Tribromophenol	*	0	10-179		**74.2**	%REC	1	05/19/2022 14:07	191785
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**81.0**	%REC	1	05/19/2022 14:07	191785
Surr: 2-Fluorophenol	*	0	10-157		**63.7**	%REC	1	05/19/2022 14:07	191785
Surr: Nitrobenzene-d5	*	0	15-163		**66.5**	%REC	1	05/19/2022 14:07	191785
Surr: Phenol-d5	*	0	10-162		**33.7**	%REC	1	05/19/2022 14:07	191785
Surr: p-Terphenyl-d14	*	0	10-173		**103.6**	%REC	1	05/19/2022 14:07	191785
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	05/14/2022 1:34	191707
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	05/14/2022 1:34	191707
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/14/2022 1:34	191707
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/14/2022 1:34	191707
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/14/2022 1:34	191707
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/14/2022 1:34	191707
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/14/2022 1:34	191707
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/14/2022 1:34	191707
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/14/2022 1:34	191707
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/14/2022 1:34	191707
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**103.6**	%REC	1	05/14/2022 1:34	191707
Surr: 4-Bromofluorobenzene	*	0	80-120		**108.0**	%REC	1	05/14/2022 1:34	191707
Surr: Dibromofluoromethane	*	0	80-120		**96.2**	%REC	1	05/14/2022 1:34	191707
Surr: Toluene-d8	*	0	80-120		**103.2**	%REC	1	05/14/2022 1:34	191707

Laboratory Results

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Client: ERM
Work Order: 22050865
Client Project: Ameren Taylorville 2nd Qtr 2022
Report Date: 23-May-22
Lab ID: 22050865-027
Client Sample ID: GW-103D
Matrix: GROUNDWATER
Collection Date: 05/11/2022 16:05

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/19/2022 14:44	191785
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/19/2022 14:44	191785
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/19/2022 14:44	191785
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/19/2022 14:44	191785
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/19/2022 14:44	191785
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/19/2022 14:44	191785
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/19/2022 14:44	191785
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/19/2022 14:44	191785
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	05/19/2022 14:44	191785
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/19/2022 14:44	191785
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/19/2022 14:44	191785
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/19/2022 14:44	191785
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/19/2022 14:44	191785
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	05/19/2022 14:44	191785
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/19/2022 14:44	191785
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/19/2022 14:44	191785
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/19/2022 14:44	191785
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/19/2022 14:44	191785
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/19/2022 14:44	191785
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	05/19/2022 14:44	191785
Surr: 2,4,6-Tribromophenol	*	0	10-179		**87.5**	%REC	1	05/19/2022 14:44	191785
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**85.5**	%REC	1	05/19/2022 14:44	191785
Surr: 2-Fluorophenol	*	0	10-157		**68.8**	%REC	1	05/19/2022 14:44	191785
Surr: Nitrobenzene-d5	*	0	15-163		**72.6**	%REC	1	05/19/2022 14:44	191785
Surr: Phenol-d5	*	0	10-162		**41.8**	%REC	1	05/19/2022 14:44	191785
Surr: p-Terphenyl-d14	*	0	10-173		**109.2**	%REC	1	05/19/2022 14:44	191785
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	05/14/2022 1:58	191707
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	05/14/2022 1:58	191707
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/14/2022 1:58	191707
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/14/2022 1:58	191707
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/14/2022 1:58	191707
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/14/2022 1:58	191707
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/14/2022 1:58	191707
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/14/2022 1:58	191707
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/14/2022 1:58	191707
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/14/2022 1:58	191707
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**104.0**	%REC	1	05/14/2022 1:58	191707
Surr: 4-Bromofluorobenzene	*	0	80-120		**107.8**	%REC	1	05/14/2022 1:58	191707
Surr: Dibromofluoromethane	*	0	80-120		**95.9**	%REC	1	05/14/2022 1:58	191707
Surr: Toluene-d8	*	0	80-120		**101.5**	%REC	1	05/14/2022 1:58	191707

Laboratory Results

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Client: ERM
Work Order: 22050865
Client Project: Ameren Taylorville 2nd Qtr 2022
Report Date: 23-May-22
Lab ID: 22050865-028
Client Sample ID: GW-25
Matrix: GROUNDWATER
Collection Date: 05/10/2022 14:40

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/17/2022 23:17	191711
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/17/2022 23:17	191711
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/17/2022 23:17	191711
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/17/2022 23:17	191711
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/17/2022 23:17	191711
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/17/2022 23:17	191711
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/17/2022 23:17	191711
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/17/2022 23:17	191711
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	05/17/2022 23:17	191711
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/17/2022 23:17	191711
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/17/2022 23:17	191711
Di-n-butyl phthalate	NELAP	0.00083	0.010	J	**0.0012**	mg/L	1	05/17/2022 23:17	191711
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/17/2022 23:17	191711
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	05/17/2022 23:17	191711
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/17/2022 23:17	191711
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/17/2022 23:17	191711
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/17/2022 23:17	191711
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/17/2022 23:17	191711
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/17/2022 23:17	191711
Pyrene	NELAP	).000180	0.000200	B	**ND**	mg/L	1	05/17/2022 23:17	191711
Surr: 2,4,6-Tribromophenol	*	0	10-179		**81.3**	%REC	1	05/17/2022 23:17	191711
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**89.6**	%REC	1	05/17/2022 23:17	191711
Surr: 2-Fluorophenol	*	0	10-157		**72.0**	%REC	1	05/17/2022 23:17	191711
Surr: Nitrobenzene-d5	*	0	15-163		**75.9**	%REC	1	05/17/2022 23:17	191711
Surr: Phenol-d5	*	0	10-162		**48.2**	%REC	1	05/17/2022 23:17	191711
Surr: p-Terphenyl-d14	*	0	10-173		**101.0**	%REC	1	05/17/2022 23:17	191711

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

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	05/14/2022 2:22	191707
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	05/14/2022 2:22	191707
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/14/2022 2:22	191707
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/14/2022 2:22	191707
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/14/2022 2:22	191707
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/14/2022 2:22	191707
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/14/2022 2:22	191707
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/14/2022 2:22	191707
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/14/2022 2:22	191707
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/14/2022 2:22	191707
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**104.4**	%REC	1	05/14/2022 2:22	191707
Surr: 4-Bromofluorobenzene	*	0	80-120		**107.8**	%REC	1	05/14/2022 2:22	191707
Surr: Dibromofluoromethane	*	0	80-120		**93.8**	%REC	1	05/14/2022 2:22	191707
Surr: Toluene-d8	*	0	80-120		**100.6**	%REC	1	05/14/2022 2:22	191707

Laboratory Results

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Client: ERM
Work Order: 22050865
Client Project: Ameren Taylorville 2nd Qtr 2022
Report Date: 23-May-22
Lab ID: 22050865-029
Client Sample ID: GW-26
Matrix: GROUNDWATER
Collection Date: 05/10/2022 8:10

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/17/2022 23:54	191711
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/17/2022 23:54	191711
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/17/2022 23:54	191711
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/17/2022 23:54	191711
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/17/2022 23:54	191711
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/17/2022 23:54	191711
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/17/2022 23:54	191711
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/17/2022 23:54	191711
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	05/17/2022 23:54	191711
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/17/2022 23:54	191711
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/17/2022 23:54	191711
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/17/2022 23:54	191711
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/17/2022 23:54	191711
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	05/17/2022 23:54	191711
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/17/2022 23:54	191711
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/17/2022 23:54	191711
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/17/2022 23:54	191711
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/17/2022 23:54	191711
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/17/2022 23:54	191711
Pyrene	NELAP	).000180	0.000200	B	**ND**	mg/L	1	05/17/2022 23:54	191711
Surr: 2,4,6-Tribromophenol	*	0	10-179		**59.4**	%REC	1	05/17/2022 23:54	191711
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**66.7**	%REC	1	05/17/2022 23:54	191711
Surr: 2-Fluorophenol	*	0	10-157		**58.0**	%REC	1	05/17/2022 23:54	191711
Surr: Nitrobenzene-d5	*	0	15-163		**62.5**	%REC	1	05/17/2022 23:54	191711
Surr: Phenol-d5	*	0	10-162		**41.2**	%REC	1	05/17/2022 23:54	191711
Surr: p-Terphenyl-d14	*	0	10-173		**81.8**	%REC	1	05/17/2022 23:54	191711

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

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	05/14/2022 2:47	191707
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	05/14/2022 2:47	191707
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/14/2022 2:47	191707
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/14/2022 2:47	191707
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/14/2022 2:47	191707
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/14/2022 2:47	191707
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/14/2022 2:47	191707
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/14/2022 2:47	191707
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/14/2022 2:47	191707
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/14/2022 2:47	191707
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**100.6**	%REC	1	05/14/2022 2:47	191707
Surr: 4-Bromofluorobenzene	*	0	80-120		**109.3**	%REC	1	05/14/2022 2:47	191707
Surr: Dibromofluoromethane	*	0	80-120		**93.0**	%REC	1	05/14/2022 2:47	191707
Surr: Toluene-d8	*	0	80-120		**102.0**	%REC	1	05/14/2022 2:47	191707

Laboratory Results

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Client: ERM
Work Order: 22050865
Client Project: Ameren Taylorville 2nd Qtr 2022
Report Date: 23-May-22
Lab ID: 22050865-030
Client Sample ID: GW-102D-DUP
Matrix: GROUNDWATER
Collection Date: 05/10/2022 9:20

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/18/2022 0:32	191711
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/18/2022 0:32	191711
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/18/2022 0:32	191711
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/18/2022 0:32	191711
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/18/2022 0:32	191711
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/18/2022 0:32	191711
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/18/2022 0:32	191711
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/18/2022 0:32	191711
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	05/18/2022 0:32	191711
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/18/2022 0:32	191711
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/18/2022 0:32	191711
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/18/2022 0:32	191711
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/18/2022 0:32	191711
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	05/18/2022 0:32	191711
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/18/2022 0:32	191711
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/18/2022 0:32	191711
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/18/2022 0:32	191711
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/18/2022 0:32	191711
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/18/2022 0:32	191711
Pyrene	NELAP	).000180	0.000200	B	**ND**	mg/L	1	05/18/2022 0:32	191711
Surr: 2,4,6-Tribromophenol	*	0	10-179		**72.2**	%REC	1	05/18/2022 0:32	191711
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**66.0**	%REC	1	05/18/2022 0:32	191711
Surr: 2-Fluorophenol	*	0	10-157		**52.4**	%REC	1	05/18/2022 0:32	191711
Surr: Nitrobenzene-d5	*	0	15-163		**64.4**	%REC	1	05/18/2022 0:32	191711
Surr: Phenol-d5	*	0	10-162		**35.7**	%REC	1	05/18/2022 0:32	191711
Surr: p-Terphenyl-d14	*	0	10-173		**78.3**	%REC	1	05/18/2022 0:32	191711

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

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	05/14/2022 3:11	191707
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	05/14/2022 3:11	191707
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/14/2022 3:11	191707
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/14/2022 3:11	191707
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/14/2022 3:11	191707
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/14/2022 3:11	191707
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/14/2022 3:11	191707
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/14/2022 3:11	191707
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/14/2022 3:11	191707
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/14/2022 3:11	191707
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**102.3**	%REC	1	05/14/2022 3:11	191707
Surr: 4-Bromofluorobenzene	*	0	80-120		**107.0**	%REC	1	05/14/2022 3:11	191707
Surr: Dibromofluoromethane	*	0	80-120		**91.8**	%REC	1	05/14/2022 3:11	191707
Surr: Toluene-d8	*	0	80-120		**102.5**	%REC	1	05/14/2022 3:11	191707

Laboratory Results

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Client: ERM
Work Order: 22050865
Client Project: Ameren Taylorville 2nd Qtr 2022
Report Date: 23-May-22
Lab ID: 22050865-032
Client Sample ID: Trip Blank 1
Matrix: TRIP BLANK
Collection Date: 05/12/2022 12:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	05/13/2022 10:37	191699
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	05/13/2022 10:37	191699
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/13/2022 10:37	191699
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/13/2022 10:37	191699
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/13/2022 10:37	191699
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/13/2022 10:37	191699
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/13/2022 10:37	191699
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/13/2022 10:37	191699
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/13/2022 10:37	191699
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/13/2022 10:37	191699
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**99.2**	%REC	1	05/13/2022 10:37	191699
Surr: 4-Bromofluorobenzene	*	0	80-120		**99.6**	%REC	1	05/13/2022 10:37	191699
Surr: Dibromofluoromethane	*	0	80-120		**103.0**	%REC	1	05/13/2022 10:37	191699
Surr: Toluene-d8	*	0	80-120		**94.2**	%REC	1	05/13/2022 10:37	191699

Laboratory Results

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Client: ERM
Work Order: 22050865
Client Project: Ameren Taylorville 2nd Qtr 2022
Report Date: 23-May-22
Lab ID: 22050865-033
Client Sample ID: Trip Blank 2
Matrix: TRIP BLANK
Collection Date: 05/12/2022 12:00

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	05/13/2022 11:01	191699
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	05/13/2022 11:01	191699
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/13/2022 11:01	191699
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/13/2022 11:01	191699
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/13/2022 11:01	191699
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/13/2022 11:01	191699
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/13/2022 11:01	191699
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/13/2022 11:01	191699
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/13/2022 11:01	191699
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/13/2022 11:01	191699
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**100.5**	%REC	1	05/13/2022 11:01	191699
Surr: 4-Bromofluorobenzene	*	0	80-120		**99.9**	%REC	1	05/13/2022 11:01	191699
Surr: Dibromofluoromethane	*	0	80-120		**103.1**	%REC	1	05/13/2022 11:01	191699
Surr: Toluene-d8	*	0	80-120		**94.2**	%REC	1	05/13/2022 11:01	191699

Laboratory Results

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Client: ERM
Work Order: 22050865
Client Project: Ameren Taylorville 2nd Qtr 2022
Report Date: 23-May-22
Lab ID: 22050865-034
Client Sample ID: GW-13S DUP
Matrix: GROUNDWATER
Collection Date: 05/11/2022 8:05

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/18/2022 14:19	191785
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/18/2022 14:19	191785
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/18/2022 14:19	191785
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/18/2022 14:19	191785
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/18/2022 14:19	191785
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/18/2022 14:19	191785
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/18/2022 14:19	191785
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/18/2022 14:19	191785
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	05/18/2022 14:19	191785
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/18/2022 14:19	191785
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/18/2022 14:19	191785
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/18/2022 14:19	191785
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/18/2022 14:19	191785
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	05/18/2022 14:19	191785
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/18/2022 14:19	191785
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/18/2022 14:19	191785
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/18/2022 14:19	191785
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/18/2022 14:19	191785
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/18/2022 14:19	191785
Pyrene	NELAP	).000180	0.000200		**ND**	mg/L	1	05/18/2022 14:19	191785
Surr: 2,4,6-Tribromophenol	*	0	10-179		**83.2**	%REC	1	05/18/2022 14:19	191785
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**81.9**	%REC	1	05/18/2022 14:19	191785
Surr: 2-Fluorophenol	*	0	10-157		**74.1**	%REC	1	05/18/2022 14:19	191785
Surr: Nitrobenzene-d5	*	0	15-163		**66.4**	%REC	1	05/18/2022 14:19	191785
Surr: Phenol-d5	*	0	10-162		**47.4**	%REC	1	05/18/2022 14:19	191785
Surr: p-Terphenyl-d14	*	0	10-173		**106.5**	%REC	1	05/18/2022 14:19	191785
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	05/14/2022 3:35	191707
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	05/14/2022 3:35	191707
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/14/2022 3:35	191707
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/14/2022 3:35	191707
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/14/2022 3:35	191707
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/14/2022 3:35	191707
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/14/2022 3:35	191707
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/14/2022 3:35	191707
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/14/2022 3:35	191707
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/14/2022 3:35	191707
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**102.9**	%REC	1	05/14/2022 3:35	191707
Surr: 4-Bromofluorobenzene	*	0	80-120		**109.6**	%REC	1	05/14/2022 3:35	191707
Surr: Dibromofluoromethane	*	0	80-120		**92.8**	%REC	1	05/14/2022 3:35	191707
Surr: Toluene-d8	*	0	80-120		**101.7**	%REC	1	05/14/2022 3:35	191707

Laboratory Results

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Client: ERM
Work Order: 22050865
Client Project: Ameren Taylorville 2nd Qtr 2022
Report Date: 23-May-22
Lab ID: 22050865-036
Client Sample ID: GW-04R DUP
Matrix: GROUNDWATER
Collection Date: 05/12/2022 9:30

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	0.00350	0.00500		**0.0437**	mg/L	50	05/20/2022 15:54	191785
Acenaphthylene	NELAP	0.00250	0.00500		**0.0101**	mg/L	50	05/20/2022 15:54	191785
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/20/2022 10:53	191785
Benzo(a)anthracene	NELAP	).000070	0.000100		**0.000115**	mg/L	1	05/20/2022 10:53	191785
Benzo(a)pyrene	NELAP	0.00011	0.00020	J	**0.00012**	mg/L	1	05/20/2022 10:53	191785
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**0.000128**	mg/L	1	05/20/2022 10:53	191785
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/20/2022 10:53	191785
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/20/2022 10:53	191785
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	05/20/2022 10:53	191785
Chrysene	NELAP	).000050	0.000100		**0.000220**	mg/L	1	05/20/2022 10:53	191785
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/20/2022 10:53	191785
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/20/2022 10:53	191785
Fluoranthene	NELAP	).000270	0.000300		**0.00383**	mg/L	1	05/20/2022 10:53	191785
Fluorene	NELAP	0.00850	0.0100		**0.104**	mg/L	50	05/20/2022 15:54	191785
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/20/2022 10:53	191785
m,p-Cresol	NELAP	0.00059	0.010	J	**0.0068**	mg/L	1	05/20/2022 10:53	191785
Naphthalene	NELAP	0.340	0.400		**3.54**	mg/L	1000	05/20/2022 16:31	191785
o-Cresol	NELAP	0.00054	0.010	J	**0.0080**	mg/L	1	05/20/2022 10:53	191785
Phenanthrene	NELAP	0.0265	0.0300		**0.0888**	mg/L	50	05/20/2022 15:54	191785
Pyrene	NELAP	).000180	0.000200		**0.00184**	mg/L	1	05/20/2022 10:53	191785
Surr: 2,4,6-Tribromophenol	*	0	10-179		**97.9**	%REC	1	05/20/2022 10:53	191785
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**65.0**	%REC	50	05/20/2022 15:54	191785
Surr: 2-Fluorophenol	*	0	10-157		**70.7**	%REC	1	05/20/2022 10:53	191785
Surr: Nitrobenzene-d5	*	0	15-163	S	**0**	%REC	50	05/20/2022 15:54	191785
Surr: Phenol-d5	*	0	10-162		**71.5**	%REC	1	05/20/2022 10:53	191785
Surr: p-Terphenyl-d14	*	0	10-173		**102.5**	%REC	1	05/20/2022 10:53	191785

Surrogate recovery is outside control limits due to matrix interference.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	2.50	25.0		**1070**	µg/L	50	05/18/2022 9:36	191850
Bromoform	NELAP	4.57	100		**ND**	µg/L	50	05/18/2022 9:36	191850
Ethylbenzene	NELAP	5.00	50.0		**330**	µg/L	50	05/18/2022 9:36	191850
m,p-Xylenes	NELAP	9.00	50.0		**229**	µg/L	50	05/18/2022 9:36	191850
Methylene chloride	NELAP	43.5	100		**ND**	µg/L	50	05/18/2022 9:36	191850
Naphthalene	NELAP	16.0	100		**3350**	µg/L	50	05/18/2022 9:36	191850
o-Xylene	NELAP	2.50	50.0		**184**	µg/L	50	05/18/2022 9:36	191850
Toluene	NELAP	5.00	100		**357**	µg/L	50	05/18/2022 9:36	191850
trans-1,2-Dichloroethene	NELAP	5.00	100		**ND**	µg/L	50	05/18/2022 9:36	191850
Xylenes, Total	NELAP	14.0	100		**412**	µg/L	50	05/18/2022 9:36	191850
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**98.0**	%REC	50	05/18/2022 9:36	191850
Surr: 4-Bromofluorobenzene	*	0	80-120		**97.4**	%REC	50	05/18/2022 9:36	191850
Surr: Dibromofluoromethane	*	0	80-120		**99.2**	%REC	50	05/18/2022 9:36	191850
Surr: Toluene-d8	*	0	80-120		**98.1**	%REC	50	05/18/2022 9:36	191850

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

Laboratory Results

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Client: ERM
Work Order: 22050865
Client Project: Ameren Taylorville 2nd Qtr 2022
Report Date: 23-May-22
Lab ID: 22050865-037
Client Sample ID: GW-09S
Matrix: GROUNDWATER
Collection Date: 05/10/2022 11:25

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/18/2022 1:09	191711
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/18/2022 1:09	191711
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/18/2022 1:09	191711
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/18/2022 1:09	191711
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/18/2022 1:09	191711
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/18/2022 1:09	191711
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/18/2022 1:09	191711
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/18/2022 1:09	191711
Bis(2-ethylhexyl)phthalate	NELAP	0.0014	0.0020	J	**0.0016**	mg/L	1	05/18/2022 1:09	191711
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/18/2022 1:09	191711
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/18/2022 1:09	191711
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/18/2022 1:09	191711
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/18/2022 1:09	191711
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	05/18/2022 1:09	191711
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/18/2022 1:09	191711
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/18/2022 1:09	191711
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/18/2022 1:09	191711
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/18/2022 1:09	191711
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/18/2022 1:09	191711
Pyrene	NELAP	).000180	0.000200	B	**ND**	mg/L	1	05/18/2022 1:09	191711
Surr: 2,4,6-Tribromophenol	*	0	10-179		**79.1**	%REC	1	05/18/2022 1:09	191711
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**79.7**	%REC	1	05/18/2022 1:09	191711
Surr: 2-Fluorophenol	*	0	10-157		**67.4**	%REC	1	05/18/2022 1:09	191711
Surr: Nitrobenzene-d5	*	0	15-163		**70.5**	%REC	1	05/18/2022 1:09	191711
Surr: Phenol-d5	*	0	10-162		**45.6**	%REC	1	05/18/2022 1:09	191711
Surr: p-Terphenyl-d14	*	0	10-173		**78.4**	%REC	1	05/18/2022 1:09	191711

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

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	05/14/2022 5:12	191707
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	05/14/2022 5:12	191707
Ethylbenzene	NELAP	0.10	1.0	J	**0.11**	µg/L	1	05/14/2022 5:12	191707
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/14/2022 5:12	191707
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/14/2022 5:12	191707
Naphthalene	NELAP	0.32	2.0	J	**1.4**	µg/L	1	05/14/2022 5:12	191707
o-Xylene	NELAP	0.05	1.0	J	**0.10**	µg/L	1	05/14/2022 5:12	191707
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/14/2022 5:12	191707
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/14/2022 5:12	191707
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/14/2022 5:12	191707
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**102.3**	%REC	1	05/14/2022 5:12	191707
Surr: 4-Bromofluorobenzene	*	0	80-120		**108.5**	%REC	1	05/14/2022 5:12	191707
Surr: Dibromofluoromethane	*	0	80-120		**93.9**	%REC	1	05/14/2022 5:12	191707
Surr: Toluene-d8	*	0	80-120		**101.2**	%REC	1	05/14/2022 5:12	191707

Laboratory Results

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Client: ERM
Work Order: 22050865
Client Project: Ameren Taylorville 2nd Qtr 2022
Report Date: 23-May-22
Lab ID: 22050865-038
Client Sample ID: GW-09D
Matrix: GROUNDWATER
Collection Date: 05/10/2022 11:15

Analyses	Certification	MDL	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS									
Acenaphthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/18/2022 1:47	191711
Acenaphthylene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/18/2022 1:47	191711
Anthracene	NELAP	).000200	0.000300		**ND**	mg/L	1	05/18/2022 1:47	191711
Benzo(a)anthracene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/18/2022 1:47	191711
Benzo(a)pyrene	NELAP	).000110	0.000200		**ND**	mg/L	1	05/18/2022 1:47	191711
Benzo(b)fluoranthene	NELAP	).000070	0.000100		**ND**	mg/L	1	05/18/2022 1:47	191711
Benzo(g,h,i)perylene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/18/2022 1:47	191711
Benzo(k)fluoranthene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/18/2022 1:47	191711
Bis(2-ethylhexyl)phthalate	NELAP	0.00143	0.00200		**ND**	mg/L	1	05/18/2022 1:47	191711
Chrysene	NELAP	).000050	0.000100		**ND**	mg/L	1	05/18/2022 1:47	191711
Dibenzo(a,h)anthracene	NELAP	).000120	0.000200		**ND**	mg/L	1	05/18/2022 1:47	191711
Di-n-butyl phthalate	NELAP	).000830	0.0100		**ND**	mg/L	1	05/18/2022 1:47	191711
Fluoranthene	NELAP	).000270	0.000300		**ND**	mg/L	1	05/18/2022 1:47	191711
Fluorene	NELAP	).000170	0.000200		**ND**	mg/L	1	05/18/2022 1:47	191711
Indeno(1,2,3-cd)pyrene	NELAP	).000160	0.000200		**ND**	mg/L	1	05/18/2022 1:47	191711
m,p-Cresol	NELAP	).000590	0.0100		**ND**	mg/L	1	05/18/2022 1:47	191711
Naphthalene	NELAP	).000340	0.000400		**ND**	mg/L	1	05/18/2022 1:47	191711
o-Cresol	NELAP	).000540	0.0100		**ND**	mg/L	1	05/18/2022 1:47	191711
Phenanthrene	NELAP	).000530	0.000600		**ND**	mg/L	1	05/18/2022 1:47	191711
Pyrene	NELAP	).000180	0.000200	B	**ND**	mg/L	1	05/18/2022 1:47	191711
Surr: 2,4,6-Tribromophenol	*	0	10-179		**80.1**	%REC	1	05/18/2022 1:47	191711
Surr: 2-Fluorobiphenyl	*	0	21.4-142		**86.0**	%REC	1	05/18/2022 1:47	191711
Surr: 2-Fluorophenol	*	0	10-157		**66.2**	%REC	1	05/18/2022 1:47	191711
Surr: Nitrobenzene-d5	*	0	15-163		**69.9**	%REC	1	05/18/2022 1:47	191711
Surr: Phenol-d5	*	0	10-162		**48.8**	%REC	1	05/18/2022 1:47	191711
Surr: p-Terphenyl-d14	*	0	10-173		**83.8**	%REC	1	05/18/2022 1:47	191711

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

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS									
Benzene	NELAP	0.05	0.50		**ND**	µg/L	1	05/14/2022 5:36	191707
Bromoform	NELAP	0.09	2.00		**ND**	µg/L	1	05/14/2022 5:36	191707
Ethylbenzene	NELAP	0.10	1.00		**ND**	µg/L	1	05/14/2022 5:36	191707
m,p-Xylenes	NELAP	0.18	1.00		**ND**	µg/L	1	05/14/2022 5:36	191707
Methylene chloride	NELAP	0.87	2.00		**ND**	µg/L	1	05/14/2022 5:36	191707
Naphthalene	NELAP	0.32	2.00		**ND**	µg/L	1	05/14/2022 5:36	191707
o-Xylene	NELAP	0.05	1.00		**ND**	µg/L	1	05/14/2022 5:36	191707
Toluene	NELAP	0.10	2.00		**ND**	µg/L	1	05/14/2022 5:36	191707
trans-1,2-Dichloroethene	NELAP	0.10	2.00		**ND**	µg/L	1	05/14/2022 5:36	191707
Xylenes, Total	NELAP	0.28	2.00		**ND**	µg/L	1	05/14/2022 5:36	191707
Surr: 1,2-Dichloroethane-d4	*	0	80-120		**103.2**	%REC	1	05/14/2022 5:36	191707
Surr: 4-Bromofluorobenzene	*	0	80-120		**108.2**	%REC	1	05/14/2022 5:36	191707
Surr: Dibromofluoromethane	*	0	80-120		**93.1**	%REC	1	05/14/2022 5:36	191707
Surr: Toluene-d8	*	0	80-120		**102.0**	%REC	1	05/14/2022 5:36	191707

Sample Summary

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 2nd Qtr 2022

Work Order: 22050865

Report Date: 23-May-22

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
22050865-001	GW-01	Groundwater	2	05/10/2022 17:50
22050865-002	GW-02	Groundwater	2	05/12/2022 8:35
22050865-003	GW-03	Groundwater	2	05/12/2022 8:15
22050865-004	GW-04R	Groundwater	2	05/12/2022 9:30
22050865-005	GW-05	Groundwater	2	05/10/2022 13:30
22050865-006	GW-07	Groundwater	2	05/11/2022 12:25
22050865-007	GW-14	Groundwater	2	05/11/2022 10:40
22050865-008	GW-15	Groundwater	2	05/11/2022 14:25
22050865-009	GW-16S	Groundwater	2	05/09/2022 13:40
22050865-010	GW-16D	Groundwater	2	05/09/2022 13:00
22050865-011	GW-17	Groundwater	2	05/09/2022 14:00
22050865-012	GW-18S	Groundwater	2	05/09/2022 19:00
22050865-013	GW-18D	Groundwater	2	05/09/2022 18:30
22050865-014	GW-19S	Groundwater	2	05/09/2022 17:25
22050865-015	GW-19D	Groundwater	2	05/09/2022 16:50
22050865-016	GW-20	Groundwater	2	05/09/2022 15:10
22050865-017	GW-21	Groundwater	2	05/11/2022 16:45
22050865-018	GW-22S	Groundwater	2	05/10/2022 18:25
22050865-019	GW-22D	Groundwater	2	05/10/2022 17:20
22050865-020	GW-12	Groundwater	2	05/11/2022 17:05
22050865-021	GW-13S	Groundwater	2	05/11/2022 8:05
22050865-022	GW-13D	Groundwater	2	05/11/2022 7:50
22050865-023	GW-101S	Groundwater	2	05/10/2022 10:00
22050865-024	GW-102S	Groundwater	2	05/10/2022 9:30
22050865-025	GW-102D	Groundwater	2	05/10/2022 9:20
22050865-026	GW-103S	Groundwater	2	05/11/2022 15:45
22050865-027	GW-103D	Groundwater	2	05/11/2022 16:05
22050865-028	GW-25	Groundwater	2	05/10/2022 14:40
22050865-029	GW-26	Groundwater	2	05/10/2022 8:10
22050865-030	GW-102D-DUP	Groundwater	2	05/10/2022 9:20
22050865-031	MS/MSD 1	Groundwater	2	05/10/2022 17:20
22050865-032	Trip Blank 1	Trip Blank	1	05/12/2022 12:00
22050865-033	Trip Blank 2	Trip Blank	1	05/12/2022 12:00
22050865-034	GW-13S DUP	Groundwater	2	05/11/2022 8:05
22050865-035	MS/MSD 2	Groundwater	2	05/12/2022 8:15
22050865-036	GW-04R DUP	Groundwater	2	05/12/2022 9:30
22050865-037	GW-09S	Groundwater	2	05/10/2022 11:25
22050865-038	GW-09D	Groundwater	2	05/10/2022 11:15

Dates Report

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 2nd Qtr 2022

Work Order: 22050865

Report Date: 23-May-22

Sample ID	Client Sample ID / Test Name	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
22050865-001A	GW-01	05/10/2022 17:50	05/12/2022 12:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/17/2022 17:35	05/18/2022 10:34
22050865-001B	GW-01	05/10/2022 17:50	05/12/2022 12:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/13/2022 15:43
22050865-002A	GW-02	05/12/2022 8:35	05/12/2022 12:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/18/2022 16:08	05/20/2022 11:30
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/18/2022 16:08	05/20/2022 13:23
22050865-002B	GW-02	05/12/2022 8:35	05/12/2022 12:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/13/2022 16:06
22050865-003A	GW-03	05/12/2022 8:15	05/12/2022 12:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/18/2022 16:08	05/19/2022 15:22
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/18/2022 16:08	05/20/2022 12:46
22050865-003B	GW-03	05/12/2022 8:15	05/12/2022 12:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/13/2022 16:29
22050865-004A	GW-04R	05/12/2022 9:30	05/12/2022 12:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/18/2022 16:08	05/20/2022 10:15
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/18/2022 16:08	05/20/2022 12:08
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/18/2022 16:08	05/20/2022 14:01
22050865-004B	GW-04R	05/12/2022 9:30	05/12/2022 12:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/13/2022 16:53
22050865-005A	GW-05	05/10/2022 13:30	05/12/2022 12:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/16/2022 17:26	05/17/2022 11:23
22050865-005B	GW-05	05/10/2022 13:30	05/12/2022 12:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/13/2022 17:16
22050865-006A	GW-07	05/11/2022 12:25	05/12/2022 12:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/17/2022 17:35	05/18/2022 11:11
22050865-006B	GW-07	05/11/2022 12:25	05/12/2022 12:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/13/2022 17:40
22050865-007A	GW-14	05/11/2022 10:40	05/12/2022 12:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/17/2022 17:35	05/18/2022 11:49
22050865-007B	GW-14	05/11/2022 10:40	05/12/2022 12:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/13/2022 18:03
22050865-008A	GW-15	05/11/2022 14:25	05/12/2022 12:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/18/2022 13:17	05/19/2022 12:52
22050865-008B	GW-15	05/11/2022 14:25	05/12/2022 12:00		

Client: ERM **Work Order:** 22050865

Client Project: Ameren Taylorville 2nd Qtr 2022 **Report Date:** 23-May-22

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/13/2022 18:27
22050865-009A	GW-16S	05/09/2022 13:40	05/12/2022 12:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/16/2022 12:16	05/17/2022 12:00
22050865-009B	GW-16S	05/09/2022 13:40	05/12/2022 12:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/13/2022 18:50
22050865-010A	GW-16D	05/09/2022 13:00	05/12/2022 12:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/16/2022 12:16	05/17/2022 12:38
22050865-010B	GW-16D	05/09/2022 13:00	05/12/2022 12:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2022 6:01
22050865-011A	GW-17	05/09/2022 14:00	05/12/2022 12:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/16/2022 12:16	05/17/2022 13:16
22050865-011B	GW-17	05/09/2022 14:00	05/12/2022 12:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2022 6:25
22050865-012A	GW-18S	05/09/2022 19:00	05/12/2022 12:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/16/2022 12:16	05/17/2022 13:53
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/16/2022 12:16	05/18/2022 14:56
22050865-012B	GW-18S	05/09/2022 19:00	05/12/2022 12:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/13/2022 13:28
22050865-013A	GW-18D	05/09/2022 18:30	05/12/2022 12:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/16/2022 12:16	05/17/2022 14:31
22050865-013B	GW-18D	05/09/2022 18:30	05/12/2022 12:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/13/2022 13:53
22050865-014A	GW-19S	05/09/2022 17:25	05/12/2022 12:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/16/2022 12:16	05/17/2022 15:08
22050865-014B	GW-19S	05/09/2022 17:25	05/12/2022 12:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/13/2022 14:17
22050865-015A	GW-19D	05/09/2022 16:50	05/12/2022 12:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/16/2022 12:16	05/17/2022 15:46
22050865-015B	GW-19D	05/09/2022 16:50	05/12/2022 12:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/13/2022 14:41
22050865-016A	GW-20	05/09/2022 15:10	05/12/2022 12:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/16/2022 12:16	05/17/2022 16:24
22050865-016B	GW-20	05/09/2022 15:10	05/12/2022 12:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/13/2022 15:05
22050865-017A	GW-21	05/11/2022 16:45	05/12/2022 12:00		

Client: ERM **Work Order:** 22050865

Client Project: Ameren Taylorville 2nd Qtr 2022 **Report Date:** 23-May-22

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/16/2022 12:16	05/17/2022 17:01
22050865-017B	GW-21	05/11/2022 16:45	05/12/2022 12:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/13/2022 15:29
22050865-018A	GW-22S	05/10/2022 18:25	05/12/2022 12:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/17/2022 17:35	05/18/2022 12:26
22050865-018B	GW-22S	05/10/2022 18:25	05/12/2022 12:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/13/2022 15:53
22050865-019A	GW-22D	05/10/2022 17:20	05/12/2022 12:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/16/2022 17:26	05/17/2022 17:39
22050865-019B	GW-22D	05/10/2022 17:20	05/12/2022 12:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/16/2022 13:33
22050865-020A	GW-12	05/11/2022 17:05	05/12/2022 12:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/18/2022 13:17	05/20/2022 9:38
22050865-020B	GW-12	05/11/2022 17:05	05/12/2022 12:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/13/2022 23:09
22050865-021A	GW-13S	05/11/2022 8:05	05/12/2022 12:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/17/2022 17:35	05/18/2022 13:04
22050865-021B	GW-13S	05/11/2022 8:05	05/12/2022 12:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/13/2022 23:33
22050865-022A	GW-13D	05/11/2022 7:50	05/12/2022 12:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/17/2022 17:35	05/18/2022 13:41
22050865-022B	GW-13D	05/11/2022 7:50	05/12/2022 12:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/13/2022 23:57
22050865-023A	GW-101S	05/10/2022 10:00	05/12/2022 12:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/16/2022 17:26	05/17/2022 19:32
22050865-023B	GW-101S	05/10/2022 10:00	05/12/2022 12:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2022 0:21
22050865-024A	GW-102S	05/10/2022 9:30	05/12/2022 12:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/16/2022 17:26	05/17/2022 22:02
22050865-024B	GW-102S	05/10/2022 9:30	05/12/2022 12:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2022 0:45
22050865-025A	GW-102D	05/10/2022 9:20	05/12/2022 12:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/16/2022 17:26	05/17/2022 22:39
22050865-025B	GW-102D	05/10/2022 9:20	05/12/2022 12:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2022 1:10

Dates Report

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 2nd Qtr 2022

Work Order: 22050865

Report Date: 23-May-22

Sample ID	Client Sample ID / Test Name	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
22050865-026A	GW-103S	05/11/2022 15:45	05/12/2022 12:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/18/2022 13:17	05/19/2022 14:07
22050865-026B	GW-103S	05/11/2022 15:45	05/12/2022 12:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2022 1:34
22050865-027A	GW-103D	05/11/2022 16:05	05/12/2022 12:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/18/2022 13:17	05/19/2022 14:44
22050865-027B	GW-103D	05/11/2022 16:05	05/12/2022 12:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2022 1:58
22050865-028A	GW-25	05/10/2022 14:40	05/12/2022 12:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/16/2022 17:26	05/17/2022 23:17
22050865-028B	GW-25	05/10/2022 14:40	05/12/2022 12:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2022 2:22
22050865-029A	GW-26	05/10/2022 8:10	05/12/2022 12:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/16/2022 17:26	05/17/2022 23:54
22050865-029B	GW-26	05/10/2022 8:10	05/12/2022 12:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2022 2:47
22050865-030A	GW-102D-DUP	05/10/2022 9:20	05/12/2022 12:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/16/2022 17:26	05/18/2022 0:32
22050865-030B	GW-102D-DUP	05/10/2022 9:20	05/12/2022 12:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2022 3:11
22050865-032A	Trip Blank 1	05/12/2022 12:00	05/12/2022 12:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/13/2022 10:37
22050865-033A	Trip Blank 2	05/12/2022 12:00	05/12/2022 12:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/13/2022 11:01
22050865-034A	GW-13S DUP	05/11/2022 8:05	05/12/2022 12:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/17/2022 17:35	05/18/2022 14:19
22050865-034B	GW-13S DUP	05/11/2022 8:05	05/12/2022 12:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2022 3:35
22050865-036A	GW-04R DUP	05/12/2022 9:30	05/12/2022 12:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/18/2022 16:08	05/20/2022 10:53
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/18/2022 16:08	05/20/2022 15:54
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/18/2022 16:08	05/20/2022 16:31
22050865-036B	GW-04R DUP	05/12/2022 9:30	05/12/2022 12:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/18/2022 9:36
22050865-037A	GW-09S	05/10/2022 11:25	05/12/2022 12:00		

Dates Report

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 2nd Qtr 2022

Work Order: 22050865

Report Date: 23-May-22

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			**Prep Date/Time**	**Analysis Date/Time**
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/16/2022 17:26	05/18/2022 1:09
22050865-037B	GW-09S	05/10/2022 11:25	05/12/2022 12:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2022 5:12
22050865-038A	GW-09D	05/10/2022 11:15	05/12/2022 12:00		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/16/2022 17:26	05/18/2022 1:47
22050865-038B	GW-09D	05/10/2022 11:15	05/12/2022 12:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2022 5:36

Client: ERM **Work Order:** 22050865

Client Project: Ameren Taylorville 2nd Qtr 2022 **Report Date:** 23-May-22

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

Batch **191711** **SampType:** **MBLK** Units **mg/L**

SampID: MBLK-191711

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**ND**						05/17/2022
Acenaphthylene		0.000100		**ND**						05/17/2022
Anthracene		0.000300		**ND**						05/17/2022
Benzo(a)anthracene		0.000100		**ND**						05/17/2022
Benzo(a)pyrene		0.000200		**ND**						05/17/2022
Benzo(b)fluoranthene		0.000100		**ND**						05/17/2022
Benzo(g,h,i)perylene		0.000200		**ND**						05/17/2022
Benzo(k)fluoranthene		0.000100		**ND**						05/17/2022
Bis(2-ethylhexyl)phthalate		0.00600		**ND**						05/17/2022
Chrysene		0.000100		**ND**						05/17/2022
Dibenzo(a,h)anthracene		0.000200		**ND**						05/17/2022
Di-n-butyl phthalate		0.0100		**ND**						05/17/2022
Fluoranthene		0.000300		**ND**						05/17/2022
Fluorene		0.000200		**ND**						05/17/2022
Indeno(1,2,3-cd)pyrene		0.000200		**ND**						05/17/2022
m,p-Cresol		0.0100		**ND**						05/17/2022
Naphthalene		0.000400		**ND**						05/17/2022
o-Cresol		0.0100		**ND**						05/17/2022
Phenanthrene		0.000600		**ND**						05/17/2022
Pyrene		0.000200	J	**0.00018**						05/17/2022
Surr: 2,4,6-Tribromophenol	*			**0.00189**	0.0020		94.5	30.7	141	05/17/2022
Surr: 2-Fluorobiphenyl	*			**0.000820**	0.0010		82.0	46.8	109	05/17/2022
Surr: 2-Fluorophenol	*			**0.00146**	0.0020		73.2	31.3	118	05/17/2022
Surr: Nitrobenzene-d5	*			**0.000652**	0.0010		65.2	47.7	107	05/17/2022
Surr: Phenol-d5	*			**0.00111**	0.0020		55.3	27.8	98.8	05/17/2022
Surr: p-Terphenyl-d14	*			**0.000981**	0.0010		98.1	45.9	137	05/17/2022

Client: ERM **Work Order:** 22050865

Client Project: Ameren Taylorville 2nd Qtr 2022 **Report Date:** 23-May-22

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

Batch **191711** **SampType:** **LCS** Units **mg/L**

SampID: LCS-191711

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**0.00154**	0.0020	0	77.0	54.7	110	05/17/2022
Acenaphthylene		0.000100		**0.00155**	0.0020	0	77.6	56.2	116	05/17/2022
Anthracene		0.000300		**0.00164**	0.0020	0	81.8	55.3	113	05/17/2022
Benzo(a)anthracene		0.000100		**0.00158**	0.0020	0	78.8	54.6	112	05/17/2022
Benzo(a)pyrene		0.000200		**0.00164**	0.0020	0	82.2	57.2	118	05/17/2022
Benzo(b)fluoranthene		0.000100		**0.00159**	0.0020	0	79.5	50.3	119	05/17/2022
Benzo(g,h,i)perylene		0.000200		**0.00188**	0.0020	0	94.0	59.3	122	05/17/2022
Benzo(k)fluoranthene		0.000100		**0.00171**	0.0020	0	85.6	58.8	114	05/17/2022
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0026**	0.0020	0	131.9	50	187	05/17/2022
Chrysene		0.000100		**0.00162**	0.0020	0	81.2	58.9	113	05/17/2022
Dibenzo(a,h)anthracene		0.000200		**0.00206**	0.0020	0	102.8	50	134	05/17/2022
Di-n-butyl phthalate		0.0100	J	**0.0024**	0.0020	0	119.3	62.7	144	05/17/2022
Fluoranthene		0.000300		**0.00182**	0.0020	0	91.1	61.2	114	05/17/2022
Fluorene		0.000200		**0.00171**	0.0020	0	85.4	61.6	110	05/17/2022
Indeno(1,2,3-cd)pyrene		0.000200		**0.00204**	0.0020	0	102.2	54.3	128	05/17/2022
m,p-Cresol		0.0100		**0.0142**	0.0200	0	70.8	48.1	116	05/17/2022
Naphthalene		0.000400		**0.00149**	0.0020	0	74.3	51.7	105	05/17/2022
o-Cresol		0.0100		**0.0137**	0.0200	0	68.5	50	115	05/17/2022
Phenanthrene		0.000600		**0.00184**	0.0020	0	91.8	60.9	121	05/17/2022
Pyrene		0.000200	B	**0.00180**	0.0020	0	89.9	59.1	114	05/17/2022
Surr: 2,4,6-Tribromophenol	*			**0.00171**	0.0020		85.4	30.7	141	05/17/2022
Surr: 2-Fluorobiphenyl	*			**0.000766**	0.0010		76.6	46.8	109	05/17/2022
Surr: 2-Fluorophenol	*			**0.00125**	0.0020		62.6	31.3	118	05/17/2022
Surr: Nitrobenzene-d5	*			**0.000668**	0.0010		66.8	47.7	107	05/17/2022
Surr: Phenol-d5	*			**0.000944**	0.0020		47.2	27.8	98.8	05/17/2022
Surr: p-Terphenyl-d14	*			**0.000866**	0.0010		86.6	45.9	137	05/17/2022

Client: ERM **Work Order:** 22050865

Client Project: Ameren Taylorville 2nd Qtr 2022 **Report Date:** 23-May-22

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

Batch **191711** **SampType:** **LCSD** Units **mg/L** RPD Limit: **40**

SampID: LCSD-191711

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		**0.00153**	0.0020	0	76.7	0.001540	0.38	05/17/2022
Acenaphthylene		0.000100		**0.00154**	0.0020	0	76.8	0.001552	1.06	05/17/2022
Anthracene		0.000300		**0.00160**	0.0020	0	80.2	0.001637	2.02	05/17/2022
Benzo(a)anthracene		0.000100		**0.00150**	0.0020	0	75.0	0.001575	4.92	05/17/2022
Benzo(a)pyrene		0.000200		**0.00170**	0.0020	0	85.1	0.001644	3.44	05/17/2022
Benzo(b)fluoranthene		0.000100		**0.00165**	0.0020	0	82.7	0.001590	3.96	05/17/2022
Benzo(g,h,i)perylene		0.000200		**0.00182**	0.0020	0	91.2	0.001880	3.03	05/17/2022
Benzo(k)fluoranthene		0.000100		**0.00165**	0.0020	0	82.5	0.001711	3.64	05/17/2022
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0029**	0.0020	0	143.4	0.002637	0.00	05/17/2022
Chrysene		0.000100		**0.00162**	0.0020	0	81.0	0.001624	0.28	05/17/2022
Dibenzo(a,h)anthracene		0.000200		**0.00200**	0.0020	0	99.9	0.002055	2.79	05/17/2022
Di-n-butyl phthalate		0.0100	J	**0.0022**	0.0020	0	111.3	0.002385	0.00	05/17/2022
Fluoranthene		0.000300		**0.00173**	0.0020	0	86.5	0.001821	5.16	05/17/2022
Fluorene		0.000200		**0.00173**	0.0020	0	86.6	0.001708	1.41	05/17/2022
Indeno(1,2,3-cd)pyrene		0.000200		**0.00204**	0.0020	0	101.9	0.002044	0.32	05/17/2022
m,p-Cresol		0.0100		**0.0137**	0.0200	0	68.5	0.01416	3.33	05/17/2022
Naphthalene		0.000400		**0.00150**	0.0020	0	74.9	0.001487	0.75	05/17/2022
o-Cresol		0.0100		**0.0133**	0.0200	0	66.7	0.01369	2.64	05/17/2022
Phenanthrene		0.000600		**0.00179**	0.0020	0	89.7	0.001836	2.27	05/17/2022
Pyrene		0.000200	B	**0.00184**	0.0020	0	91.8	0.001797	2.09	05/17/2022
Surr: 2,4,6-Tribromophenol	*			**0.00188**	0.0020		93.8			05/17/2022
Surr: 2-Fluorobiphenyl	*			**0.000768**	0.0010		76.8			05/17/2022
Surr: 2-Fluorophenol	*			**0.00137**	0.0020		68.3			05/17/2022
Surr: Nitrobenzene-d5	*			**0.000686**	0.0010		68.6			05/17/2022
Surr: Phenol-d5	*			**0.00104**	0.0020		51.9			05/17/2022
Surr: p-Terphenyl-d14	*			**0.000871**	0.0010		87.1			05/17/2022

Client: ERM **Work Order:** 22050865

Client Project: Ameren Taylorville 2nd Qtr 2022 **Report Date:** 23-May-22

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

Batch **191711** **SampType:** **MS** Units **mg/L**

SampID: 22050865-019AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**0.00175**	0.0020	0	87.3	28.3	133	05/17/2022
Acenaphthylene		0.000100		**0.00175**	0.0020	0	87.3	5	176	05/17/2022
Anthracene		0.000300		**0.00171**	0.0020	0	85.4	34.6	131	05/17/2022
Benzo(a)anthracene		0.000100		**0.00167**	0.0020	0	83.7	40.3	132	05/17/2022
Benzo(a)pyrene		0.000200		**0.00185**	0.0020	0	92.5	40.8	132	05/17/2022
Benzo(b)fluoranthene		0.000100		**0.00187**	0.0020	0	93.6	41.9	132	05/17/2022
Benzo(g,h,i)perylene		0.000200		**0.00201**	0.0020	0	100.4	46	132	05/17/2022
Benzo(k)fluoranthene		0.000100		**0.00181**	0.0020	0	90.3	49.4	126	05/17/2022
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0029**	0.0020	0	143.8	18.4	222	05/17/2022
Chrysene		0.000100		**0.00175**	0.0020	0	87.4	46.1	129	05/17/2022
Dibenzo(a,h)anthracene		0.000200		**0.00218**	0.0020	0	108.9	42.1	146	05/17/2022
Di-n-butyl phthalate		0.0100	J	**0.0024**	0.0020	0	118.7	59.6	146	05/17/2022
Fluoranthene		0.000300		**0.00188**	0.0020	0	94.2	23.9	164	05/17/2022
Fluorene		0.000200		**0.00191**	0.0020	0	95.3	24.3	148	05/17/2022
Indeno(1,2,3-cd)pyrene		0.000200		**0.00221**	0.0020	0	110.6	26.6	157	05/17/2022
m,p-Cresol		0.0100		**0.0156**	0.0200	0	77.9	5	156	05/17/2022
Naphthalene		0.000400		**0.00168**	0.0020	0	84.0	24.2	132	05/17/2022
o-Cresol		0.0100		**0.0151**	0.0200	0	75.3	38	113	05/17/2022
Phenanthrene		0.000600		**0.00189**	0.0020	0	94.6	36.6	139	05/17/2022
Pyrene		0.000200	B	**0.00188**	0.0020	0	94.2	14.6	169	05/17/2022
Surr: 2,4,6-Tribromophenol	*			**0.00174**	0.0020		86.8	10	179	05/17/2022
Surr: 2-Fluorobiphenyl	*			**0.000850**	0.0010		85.0	21.4	142	05/17/2022
Surr: 2-Fluorophenol	*			**0.00151**	0.0020		75.5	10	157	05/17/2022
Surr: Nitrobenzene-d5	*			**0.000803**	0.0010		80.3	15	163	05/17/2022
Surr: Phenol-d5	*			**0.00113**	0.0020		56.4	10	162	05/17/2022
Surr: p-Terphenyl-d14	*			**0.000900**	0.0010		90.0	10	173	05/17/2022

Client: ERM **Work Order:** 22050865

Client Project: Ameren Taylorville 2nd Qtr 2022 **Report Date:** 23-May-22

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

Batch **191711** **SampType:** **MSD** Units **mg/L** RPD Limit: **40**

SampID: 22050865-019AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		**0.00174**	0.0020	0	87.1	0.001746	0.24	05/17/2022
Acenaphthylene		0.000100		**0.00169**	0.0020	0	84.7	0.001746	3.04	05/17/2022
Anthracene		0.000300		**0.00171**	0.0020	0	85.7	0.001707	0.38	05/17/2022
Benzo(a)anthracene		0.000100		**0.00166**	0.0020	0	83.0	0.001674	0.85	05/17/2022
Benzo(a)pyrene		0.000200		**0.00191**	0.0020	0	95.4	0.001849	3.09	05/17/2022
Benzo(b)fluoranthene		0.000100		**0.00200**	0.0020	0	100.1	0.001872	6.77	05/17/2022
Benzo(g,h,i)perylene		0.000200		**0.00211**	0.0020	0	105.3	0.002009	4.69	05/17/2022
Benzo(k)fluoranthene		0.000100		**0.00191**	0.0020	0	95.6	0.001807	5.64	05/17/2022
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0030**	0.0020	0	150.1	0.002875	0.00	05/17/2022
Chrysene		0.000100		**0.00180**	0.0020	0	90.1	0.001748	3.03	05/17/2022
Dibenzo(a,h)anthracene		0.000200		**0.00227**	0.0020	0	113.7	0.002178	4.31	05/17/2022
Di-n-butyl phthalate		0.0100	J	**0.0027**	0.0020	0	136.6	0.002374	0.00	05/17/2022
Fluoranthene		0.000300		**0.00200**	0.0020	0	100.0	0.001883	6.06	05/17/2022
Fluorene		0.000200		**0.00195**	0.0020	0	97.4	0.001906	2.20	05/17/2022
Indeno(1,2,3-cd)pyrene		0.000200		**0.00230**	0.0020	0	115.0	0.002211	3.91	05/17/2022
m,p-Cresol		0.0100		**0.0151**	0.0200	0	75.5	0.01559	3.14	05/17/2022
Naphthalene		0.000400		**0.00168**	0.0020	0	84.0	0.001680	0.04	05/17/2022
o-Cresol		0.0100		**0.0143**	0.0200	0	71.4	0.01505	5.20	05/17/2022
Phenanthrene		0.000600		**0.00194**	0.0020	0	97.1	0.001893	2.61	05/17/2022
Pyrene		0.000200	B	**0.00198**	0.0020	0	99.2	0.001884	5.17	05/17/2022
Surr: 2,4,6-Tribromophenol	*			**0.00212**	0.0020		106.2			05/17/2022
Surr: 2-Fluorobiphenyl	*			**0.000831**	0.0010		83.1			05/17/2022
Surr: 2-Fluorophenol	*			**0.00148**	0.0020		73.9			05/17/2022
Surr: Nitrobenzene-d5	*			**0.000746**	0.0010		74.6			05/17/2022
Surr: Phenol-d5	*			**0.00124**	0.0020		62.0			05/17/2022
Surr: p-Terphenyl-d14	*			**0.00102**	0.0010		102.3			05/17/2022

Client: ERM **Work Order:** 22050865

Client Project: Ameren Taylorville 2nd Qtr 2022 **Report Date:** 23-May-22

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

Batch **191785** **SampType:** **MBLK** Units **mg/L**

SampID: MBLK-191785

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**ND**						05/18/2022
Acenaphthylene		0.000100		**ND**						05/18/2022
Anthracene		0.000300		**ND**						05/18/2022
Benzo(a)anthracene		0.000100		**ND**						05/18/2022
Benzo(a)pyrene		0.000200		**ND**						05/18/2022
Benzo(b)fluoranthene		0.000100		**ND**						05/18/2022
Benzo(g,h,i)perylene		0.000200		**ND**						05/18/2022
Benzo(k)fluoranthene		0.000100		**ND**						05/18/2022
Bis(2-ethylhexyl)phthalate		0.00600		**ND**						05/18/2022
Chrysene		0.000100		**ND**						05/18/2022
Dibenzo(a,h)anthracene		0.000200		**ND**						05/18/2022
Di-n-butyl phthalate		0.0100		**ND**						05/18/2022
Fluoranthene		0.000300		**ND**						05/18/2022
Fluorene		0.000200		**ND**						05/18/2022
Indeno(1,2,3-cd)pyrene		0.000200		**ND**						05/18/2022
m,p-Cresol		0.0100		**ND**						05/18/2022
Naphthalene		0.000400		**ND**						05/18/2022
o-Cresol		0.0100		**ND**						05/18/2022
Phenanthrene		0.000600		**ND**						05/18/2022
Pyrene		0.000200		**ND**						05/18/2022
Surr: 2,4,6-Tribromophenol	*			**0.00150**	0.0020		74.8	30.7	141	05/18/2022
Surr: 2-Fluorobiphenyl	*			**0.000828**	0.0010		82.8	46.8	109	05/18/2022
Surr: 2-Fluorophenol	*			**0.00166**	0.0020		82.9	31.3	118	05/18/2022
Surr: Nitrobenzene-d5	*			**0.000776**	0.0010		77.6	47.7	107	05/18/2022
Surr: Phenol-d5	*			**0.00117**	0.0020		58.3	27.8	98.8	05/18/2022
Surr: p-Terphenyl-d14	*			**0.00108**	0.0010		107.6	45.9	137	05/18/2022

Client: ERM **Work Order:** 22050865

Client Project: Ameren Taylorville 2nd Qtr 2022 **Report Date:** 23-May-22

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

Batch **191785** **SampType:** **LCS** Units **mg/L**

SampID: LCS-191785

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**0.00183**	0.0020	0	91.7	54.7	110	05/18/2022
Acenaphthylene		0.000100		**0.00182**	0.0020	0	91.1	56.2	116	05/18/2022
Anthracene		0.000300		**0.00184**	0.0020	0	92.2	55.3	113	05/18/2022
Benzo(a)anthracene		0.000100		**0.00178**	0.0020	0	89.2	54.6	112	05/18/2022
Benzo(a)pyrene		0.000200		**0.00208**	0.0020	0	104.1	57.2	118	05/18/2022
Benzo(b)fluoranthene		0.000100		**0.00194**	0.0020	0	96.9	50.3	119	05/18/2022
Benzo(g,h,i)perylene		0.000200		**0.00209**	0.0020	0	104.4	59.3	122	05/18/2022
Benzo(k)fluoranthene		0.000100		**0.00206**	0.0020	0	103.2	58.8	114	05/18/2022
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0036**	0.0020	0	178.3	50	187	05/18/2022
Chrysene		0.000100		**0.00198**	0.0020	0	98.9	58.9	113	05/18/2022
Dibenzo(a,h)anthracene		0.000200		**0.00236**	0.0020	0	117.9	50	134	05/18/2022
Di-n-butyl phthalate		0.0100	J	**0.0028**	0.0020	0	141.9	62.7	144	05/18/2022
Fluoranthene		0.000300		**0.00215**	0.0020	0	107.3	61.2	114	05/18/2022
Fluorene		0.000200		**0.00194**	0.0020	0	97.1	61.6	110	05/18/2022
Indeno(1,2,3-cd)pyrene		0.000200		**0.00230**	0.0020	0	115.1	54.3	128	05/18/2022
m,p-Cresol		0.0100		**0.0169**	0.0200	0	84.3	48.1	116	05/18/2022
Naphthalene		0.000400		**0.00171**	0.0020	0	85.5	51.7	105	05/18/2022
o-Cresol		0.0100		**0.0163**	0.0200	0	81.4	50	115	05/18/2022
Phenanthrene		0.000600		**0.00197**	0.0020	0	98.6	60.9	121	05/18/2022
Pyrene		0.000200		**0.00218**	0.0020	0	108.8	59.1	114	05/18/2022
Surr: 2,4,6-Tribromophenol	*			**0.00177**	0.0020		88.5	30.7	141	05/18/2022
Surr: 2-Fluorobiphenyl	*			**0.000818**	0.0010		81.8	46.8	109	05/18/2022
Surr: 2-Fluorophenol	*			**0.00137**	0.0020		68.4	31.3	118	05/18/2022
Surr: Nitrobenzene-d5	*			**0.000787**	0.0010		78.7	47.7	107	05/18/2022
Surr: Phenol-d5	*			**0.00125**	0.0020		62.6	27.8	98.8	05/18/2022
Surr: p-Terphenyl-d14	*			**0.00104**	0.0010		104.2	45.9	137	05/18/2022

Client: ERM **Work Order:** 22050865

Client Project: Ameren Taylorville 2nd Qtr 2022 **Report Date:** 23-May-22

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

Batch **191785** **SampType:** **LCSD** Units **mg/L** RPD Limit: **40**

SampID: LCSD-191785

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		**0.00196**	0.0020	0	98.2	0.001834	6.82	05/18/2022
Acenaphthylene		0.000100		**0.00199**	0.0020	0	99.3	0.001823	8.55	05/18/2022
Anthracene		0.000300		**0.00201**	0.0020	0	100.4	0.001844	8.47	05/18/2022
Benzo(a)anthracene		0.000100		**0.00191**	0.0020	0	95.3	0.001785	6.54	05/18/2022
Benzo(a)pyrene		0.000200		**0.00222**	0.0020	0	110.9	0.002081	6.35	05/18/2022
Benzo(b)fluoranthene		0.000100		**0.00214**	0.0020	0	107.0	0.001938	9.88	05/18/2022
Benzo(g,h,i)perylene		0.000200		**0.00230**	0.0020	0	115.0	0.002088	9.62	05/18/2022
Benzo(k)fluoranthene		0.000100		**0.00223**	0.0020	0	111.3	0.002064	7.53	05/18/2022
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0031**	0.0020	0	155.2	0.003566	0.00	05/18/2022
Chrysene		0.000100		**0.00208**	0.0020	0	104.0	0.001977	5.10	05/18/2022
Dibenzo(a,h)anthracene		0.000200		**0.00252**	0.0020	0	125.8	0.002359	6.48	05/18/2022
Di-n-butyl phthalate		0.0100	J	**0.0027**	0.0020	0	137.1	0.002838	0.00	05/18/2022
Fluoranthene		0.000300		**0.00213**	0.0020	0	106.5	0.002146	0.76	05/18/2022
Fluorene		0.000200		**0.00214**	0.0020	0	107.2	0.001942	9.90	05/18/2022
Indeno(1,2,3-cd)pyrene		0.000200		**0.00250**	0.0020	0	125.1	0.002302	8.33	05/18/2022
m,p-Cresol		0.0100		**0.0173**	0.0200	0	86.6	0.01686	2.72	05/18/2022
Naphthalene		0.000400		**0.00184**	0.0020	0	91.8	0.001711	7.01	05/18/2022
o-Cresol		0.0100		**0.0170**	0.0200	0	85.2	0.01628	4.55	05/18/2022
Phenanthrene		0.000600		**0.00212**	0.0020	0	106.2	0.001973	7.42	05/18/2022
Pyrene		0.000200		**0.00220**	0.0020	0	109.9	0.002177	0.98	05/18/2022
Surr: 2,4,6-Tribromophenol	*			**0.00183**	0.0020		91.7			05/18/2022
Surr: 2-Fluorobiphenyl	*			**0.000859**	0.0010		85.9			05/18/2022
Surr: 2-Fluorophenol	*			**0.00178**	0.0020		88.8			05/18/2022
Surr: Nitrobenzene-d5	*			**0.000861**	0.0010		86.1			05/18/2022
Surr: Phenol-d5	*			**0.00134**	0.0020		67.2			05/18/2022
Surr: p-Terphenyl-d14	*			**0.00106**	0.0010		105.9			05/18/2022

Client: ERM **Work Order:** 22050865

Client Project: Ameren Taylorville 2nd Qtr 2022 **Report Date:** 23-May-22

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

Batch **191785** **SampType:** **MS** Units **mg/L**

SampID: 22050865-003AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**0.00312**	0.0020	0.001143	98.8	28.3	133	05/19/2022
Acenaphthylene		0.000100	E	**0.00637**	0.0020	0.004193	108.7	5	176	05/19/2022
Anthracene		0.000300		**0.00222**	0.0020	0.0002537	98.5	34.6	131	05/19/2022
Benzo(a)anthracene		0.000100		**0.00189**	0.0020	0	94.6	40.3	132	05/19/2022
Benzo(a)pyrene		0.000200		**0.00206**	0.0020	0	103.2	40.8	132	05/19/2022
Benzo(b)fluoranthene		0.000100		**0.00212**	0.0020	0	105.8	41.9	132	05/19/2022
Benzo(g,h,i)perylene		0.000200		**0.00218**	0.0020	0	109.1	46	132	05/19/2022
Benzo(k)fluoranthene		0.000100		**0.00196**	0.0020	0	98.1	49.4	126	05/19/2022
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0043**	0.0020	0.002904	70.3	18.4	222	05/19/2022
Chrysene		0.000100		**0.00186**	0.0020	0	92.9	46.1	129	05/19/2022
Dibenzo(a,h)anthracene		0.000200		**0.00247**	0.0020	0	123.5	42.1	146	05/19/2022
Di-n-butyl phthalate		0.0100	J	**0.0026**	0.0020	0	128.4	59.6	146	05/19/2022
Fluoranthene		0.000300		**0.00210**	0.0020	0	105.2	23.9	164	05/19/2022
Fluorene		0.000200	E	**0.00534**	0.0020	0.002903	121.8	24.3	148	05/19/2022
Indeno(1,2,3-cd)pyrene		0.000200		**0.00243**	0.0020	0	121.5	26.6	157	05/19/2022
m,p-Cresol		0.0100		**0.0163**	0.0200	0	81.6	5	156	05/19/2022
Naphthalene		0.0400	S	**0.343**	0.0020	0.3287	693.5	24.2	132	05/20/2022
o-Cresol		0.0100		**0.0161**	0.0200	0	80.7	38	113	05/19/2022
Phenanthrene		0.000600		**0.00342**	0.0020	0.001434	99.1	36.6	139	05/19/2022
Pyrene		0.000200		**0.00225**	0.0020	0	112.7	14.6	169	05/19/2022
Surr: 2,4,6-Tribromophenol	*			**0.00196**	0.0020		98.0	10	179	05/19/2022
Surr: 2-Fluorobiphenyl	*			**0.000881**	0.0010		88.1	21.4	142	05/19/2022
Surr: 2-Fluorophenol	*			**0.00179**	0.0020		89.4	10	157	05/19/2022
Surr: Nitrobenzene-d5	*			**0.000837**	0.0010		83.7	15	163	05/19/2022
Surr: Phenol-d5	*			**0.00124**	0.0020		62.2	10	162	05/19/2022
Surr: p-Terphenyl-d14	*			**0.00102**	0.0010		101.8	10	173	05/19/2022

Client: ERM **Work Order:** 22050865

Client Project: Ameren Taylorville 2nd Qtr 2022 **Report Date:** 23-May-22

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

Batch **191785** **SampType:** **MSD** Units **mg/L** RPD Limit: **40**

SampID: 22050865-003AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		**0.00290**	0.0020	0.001143	87.8	0.003118	7.30	05/19/2022
Acenaphthylene		0.000100	E	**0.00603**	0.0020	0.004193	92.0	0.006367	5.37	05/19/2022
Anthracene		0.000300		**0.00207**	0.0020	0.0002537	90.8	0.002224	7.16	05/19/2022
Benzo(a)anthracene		0.000100		**0.00184**	0.0020	0	92.0	0.001892	2.79	05/19/2022
Benzo(a)pyrene		0.000200		**0.00202**	0.0020	0	100.8	0.002063	2.31	05/19/2022
Benzo(b)fluoranthene		0.000100		**0.00202**	0.0020	0	101.2	0.002117	4.50	05/19/2022
Benzo(g,h,i)perylene		0.000200		**0.00203**	0.0020	0	101.3	0.002183	7.42	05/19/2022
Benzo(k)fluoranthene		0.000100		**0.00195**	0.0020	0	97.7	0.001962	0.44	05/19/2022
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0042**	0.0020	0.002904	63.4	0.004311	0.00	05/19/2022
Chrysene		0.000100		**0.00185**	0.0020	0	92.4	0.001858	0.50	05/19/2022
Dibenzo(a,h)anthracene		0.000200		**0.00222**	0.0020	0	110.8	0.002469	10.81	05/19/2022
Di-n-butyl phthalate		0.0100	J	**0.0025**	0.0020	0	122.8	0.002569	0.00	05/19/2022
Fluoranthene		0.000300		**0.00197**	0.0020	0	98.6	0.002103	6.45	05/19/2022
Fluorene		0.000200	E	**0.00504**	0.0020	0.002903	106.9	0.005339	5.76	05/19/2022
Indeno(1,2,3-cd)pyrene		0.000200		**0.00226**	0.0020	0	113.1	0.002430	7.15	05/19/2022
m,p-Cresol		0.0100		**0.0146**	0.0200	0	73.2	0.01633	10.88	05/19/2022
Naphthalene		0.0400	S	**0.307**	0.0020	0.3287	-1109	0.3426	11.10	05/20/2022
o-Cresol		0.0100		**0.0148**	0.0200	0	74.1	0.01614	8.46	05/19/2022
Phenanthrene		0.000600		**0.00324**	0.0020	0.001434	90.2	0.003416	5.35	05/19/2022
Pyrene		0.000200		**0.00204**	0.0020	0	101.8	0.002254	10.22	05/19/2022
Surr: 2,4,6-Tribromophenol	*			**0.00184**	0.0020		92.2			05/19/2022
Surr: 2-Fluorobiphenyl	*			**0.000814**	0.0010		81.4			05/19/2022
Surr: 2-Fluorophenol	*			**0.00162**	0.0020		80.8			05/19/2022
Surr: Nitrobenzene-d5	*			**0.000747**	0.0010		74.7			05/19/2022
Surr: Phenol-d5	*			**0.00110**	0.0020		54.8			05/19/2022
Surr: p-Terphenyl-d14	*			**0.000934**	0.0010		93.4			05/19/2022

Client: ERM **Work Order:** 22050865

Client Project: Ameren Taylorville 2nd Qtr 2022 **Report Date:** 23-May-22

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

Batch 191674 **SampType:** MBLK Units µg/L

SampID: MBLK-AM220513A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**ND**						05/13/2022
Bromoform	*	2.0		**ND**						05/13/2022
Ethylbenzene	*	2.0		**ND**						05/13/2022
m,p-Xylenes	*	2.0		**ND**						05/13/2022
Methylene chloride	*	2.0		**ND**						05/13/2022
Naphthalene	*	5.0		**ND**						05/13/2022
o-Xylene	*	2.0		**ND**						05/13/2022
Toluene	*	2.0		**ND**						05/13/2022
trans-1,2-Dichloroethene	*	2.0		**ND**						05/13/2022
Xylenes, Total	*	4.0		**ND**						05/13/2022
Surr: 1,2-Dichloroethane-d4	*			**51.7**	50.00		103.3	80	120	05/13/2022
Surr: 4-Bromofluorobenzene	*			**53.4**	50.00		106.8	80	120	05/13/2022
Surr: Dibromofluoromethane	*			**49.2**	50.00		98.4	80	120	05/13/2022
Surr: Toluene-d8	*			**50.6**	50.00		101.2	80	120	05/13/2022

Batch 191674 **SampType:** LCS Units µg/L

SampID: LCS-AM220513A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**51.7**	50.00	0	103.4	78.5	119	05/13/2022
Bromoform	*	2.0		**54.8**	50.00	0	109.6	78.9	121	05/13/2022
Ethylbenzene	*	2.0		**56.5**	50.00	0	113.0	78.2	114	05/13/2022
m,p-Xylenes	*	2.0		**113**	100.0	0	113.4	77.2	116	05/13/2022
Methylene chloride	*	2.0		**48.4**	50.00	0	96.9	71.8	115	05/13/2022
Naphthalene	*	5.0		**54.9**	50.00	0	109.8	75.6	121	05/13/2022
o-Xylene	*	2.0		**55.0**	50.00	0	109.9	79.2	112	05/13/2022
Toluene	*	2.0		**54.1**	50.00	0	108.2	78.6	112	05/13/2022
trans-1,2-Dichloroethene	*	2.0		**48.8**	50.00	0	97.5	75.7	130	05/13/2022
Xylenes, Total	*	4.0		**168**	150.0	0	112.3	78.3	114	05/13/2022
Surr: 1,2-Dichloroethane-d4	*			**47.7**	50.00		95.4	80	120	05/13/2022
Surr: 4-Bromofluorobenzene	*			**46.2**	50.00		92.4	80	120	05/13/2022
Surr: Dibromofluoromethane	*			**47.0**	50.00		94.1	80	120	05/13/2022
Surr: Toluene-d8	*			**50.0**	50.00		99.9	80	120	05/13/2022

Client: ERM **Work Order:** 22050865

Client Project: Ameren Taylorville 2nd Qtr 2022 **Report Date:** 23-May-22

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

Batch 191674 **SampType:** LCSD Units **µg/L** RPD Limit: **15.9**

SampID: LCSD-AM220513A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	*	0.5		**49.9**	50.00	0	99.8	51.70	3.52	05/13/2022
Bromoform	*	2.0		**51.1**	50.00	0	102.1	54.82	7.10	05/13/2022
Ethylbenzene	*	2.0		**54.7**	50.00	0	109.4	56.51	3.22	05/13/2022
m,p-Xylenes	*	2.0		**110**	100.0	0	110.4	113.4	2.66	05/13/2022
Methylene chloride	*	2.0		**46.0**	50.00	0	91.9	48.45	5.25	05/13/2022
Naphthalene	*	5.0		**51.8**	50.00	0	103.6	54.88	5.81	05/13/2022
o-Xylene	*	2.0		**52.6**	50.00	0	105.1	54.95	4.47	05/13/2022
Toluene	*	2.0		**52.6**	50.00	0	105.1	54.12	2.92	05/13/2022
trans-1,2-Dichloroethene	*	2.0		**48.1**	50.00	0	96.2	48.75	1.30	05/13/2022
Xylenes, Total	*	4.0		**163**	150.0	0	108.7	168.4	3.25	05/13/2022
Surr: 1,2-Dichloroethane-d4	*			**47.3**	50.00		94.6			05/13/2022
Surr: 4-Bromofluorobenzene	*			**46.3**	50.00		92.5			05/13/2022
Surr: Dibromofluoromethane	*			**47.4**	50.00		94.9			05/13/2022
Surr: Toluene-d8	*			**49.9**	50.00		99.8			05/13/2022

Batch 191699 **SampType:** MBLK Units **µg/L**

SampID: MBLK-AK220513A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**ND**						05/13/2022
Bromoform	*	2.0		**ND**						05/13/2022
Ethylbenzene	*	2.0		**ND**						05/13/2022
m,p-Xylenes	*	2.0		**ND**						05/13/2022
Methylene chloride	*	2.0		**ND**						05/13/2022
Naphthalene	*	5.0		**ND**						05/13/2022
o-Xylene	*	2.0		**ND**						05/13/2022
Toluene	*	2.0		**ND**						05/13/2022
trans-1,2-Dichloroethene	*	2.0		**ND**						05/13/2022
Xylenes, Total	*	4.0		**ND**						05/13/2022
Surr: 1,2-Dichloroethane-d4	*			**50.5**	50.00		101.1	80	120	05/13/2022
Surr: 4-Bromofluorobenzene	*			**49.7**	50.00		99.4	80	120	05/13/2022
Surr: Dibromofluoromethane	*			**51.4**	50.00		102.8	80	120	05/13/2022
Surr: Toluene-d8	*			**46.9**	50.00		93.9	80	120	05/13/2022

Client: ERM **Work Order:** 22050865

Client Project: Ameren Taylorville 2nd Qtr 2022 **Report Date:** 23-May-22

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

Batch 191699 **SampType:** LCS Units **µg/L**

SampID: LCS-AK220513A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**50.1**	50.00	0	100.3	78.5	119	05/13/2022
Bromoform	*	2.0		**42.5**	50.00	0	85.0	78.9	121	05/13/2022
Ethylbenzene	*	2.0		**46.0**	50.00	0	92.0	78.2	114	05/13/2022
m,p-Xylenes	*	2.0		**91.6**	100.0	0	91.6	77.2	116	05/13/2022
Methylene chloride	*	2.0		**50.7**	50.00	0	101.5	71.8	115	05/13/2022
Naphthalene	*	5.0		**45.2**	50.00	0	90.4	75.6	121	05/13/2022
o-Xylene	*	2.0		**45.1**	50.00	0	90.2	79.2	112	05/13/2022
Toluene	*	2.0		**45.1**	50.00	0	90.2	78.6	112	05/13/2022
trans-1,2-Dichloroethene	*	2.0		**52.0**	50.00	0	103.9	75.7	130	05/13/2022
Xylenes, Total	*	4.0		**137**	150.0	0	91.1	78.3	114	05/13/2022
Surr: 1,2-Dichloroethane-d4	*			**49.5**	50.00		98.9	80	120	05/13/2022
Surr: 4-Bromofluorobenzene	*			**49.1**	50.00		98.3	80	120	05/13/2022
Surr: Dibromofluoromethane	*			**51.8**	50.00		103.7	80	120	05/13/2022
Surr: Toluene-d8	*			**47.0**	50.00		94.1	80	120	05/13/2022

Batch 191699 **SampType:** LCSD Units **µg/L** RPD Limit: **15.9**

SampID: LCSD-AK220513A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	*	0.5		**49.1**	50.00	0	98.2	50.13	2.12	05/13/2022
Bromoform	*	2.0		**41.1**	50.00	0	82.2	42.48	3.28	05/13/2022
Ethylbenzene	*	2.0		**45.0**	50.00	0	90.0	45.99	2.22	05/13/2022
m,p-Xylenes	*	2.0		**89.5**	100.0	0	89.5	91.56	2.28	05/13/2022
Methylene chloride	*	2.0		**49.5**	50.00	0	99.0	50.74	2.47	05/13/2022
Naphthalene	*	5.0		**43.8**	50.00	0	87.5	45.21	3.28	05/13/2022
o-Xylene	*	2.0		**44.1**	50.00	0	88.3	45.10	2.15	05/13/2022
Toluene	*	2.0		**44.1**	50.00	0	88.1	45.10	2.31	05/13/2022
trans-1,2-Dichloroethene	*	2.0		**51.0**	50.00	0	101.9	51.96	1.96	05/13/2022
Xylenes, Total	*	4.0		**134**	150.0	0	89.1	136.7	2.23	05/13/2022
Surr: 1,2-Dichloroethane-d4	*			**49.5**	50.00		99.1			05/13/2022
Surr: 4-Bromofluorobenzene	*			**49.2**	50.00		98.5			05/13/2022
Surr: Dibromofluoromethane	*			**51.7**	50.00		103.3			05/13/2022
Surr: Toluene-d8	*			**46.8**	50.00		93.6			05/13/2022

Client: ERM **Work Order:** 22050865

Client Project: Ameren Taylorville 2nd Qtr 2022 **Report Date:** 23-May-22

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

Batch **191699** **SampType:** **MS** Units **µg/L**

SampID: 22050865-003BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene		5.00		**540**	500.0	24.60	103.1	72	120	05/13/2022
Ethylbenzene		10.0		**494**	500.0	27.70	93.3	74.8	115	05/13/2022
m,p-Xylenes		10.0		**511**	500.0	31.90	95.9	69.7	115	05/13/2022
o-Xylene		10.0		**505**	500.0	40.20	93.0	72.9	111	05/13/2022
Toluene		20.0		**477**	500.0	9.300	93.6	70.6	109	05/13/2022
Xylenes, Total		20.0		**1020**	1000	72.10	94.4	72.1	113	05/13/2022
Surr: 1,2-Dichloroethane-d4	*			**511**	500.0		102.2	80	120	05/13/2022
Surr: 4-Bromofluorobenzene	*			**498**	500.0		99.7	80	120	05/13/2022
Surr: Dibromofluoromethane	*			**513**	500.0		102.7	80	120	05/13/2022
Surr: Toluene-d8	*			**471**	500.0		94.3	80	120	05/13/2022

Batch **191699** **SampType:** **MSD** Units **µg/L** RPD Limit: **20**

SampID: 22050865-003BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene		5.00		**540**	500.0	24.60	103.2	539.9	0.11	05/13/2022
Ethylbenzene		10.0		**493**	500.0	27.70	93.0	494.4	0.32	05/13/2022
m,p-Xylenes		10.0		**509**	500.0	31.90	95.4	511.3	0.45	05/13/2022
o-Xylene		10.0		**502**	500.0	40.20	92.4	505.2	0.60	05/13/2022
Toluene		20.0		**474**	500.0	9.300	92.9	477.2	0.69	05/13/2022
Xylenes, Total		20.0		**1010**	1000	72.10	93.9	1016	0.52	05/13/2022
Surr: 1,2-Dichloroethane-d4	*			**510**	500.0		102.0			05/13/2022
Surr: 4-Bromofluorobenzene	*			**494**	500.0		98.8			05/13/2022
Surr: Dibromofluoromethane	*			**518**	500.0		103.6			05/13/2022
Surr: Toluene-d8	*			**471**	500.0		94.1			05/13/2022

Client: ERM **Work Order:** 22050865

Client Project: Ameren Taylorville 2nd Qtr 2022 **Report Date:** 23-May-22

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

Batch 191707 **SampType:** MBLK Units **µg/L**

SampID: MBLK-AM220513A-2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**ND**						05/13/2022
Bromoform	*	2.0		**ND**						05/13/2022
Ethylbenzene	*	2.0		**ND**						05/13/2022
m,p-Xylenes	*	2.0		**ND**						05/13/2022
Methylene chloride	*	2.0		**ND**						05/13/2022
Naphthalene	*	5.0		**ND**						05/13/2022
o-Xylene	*	2.0		**ND**						05/13/2022
Toluene	*	2.0		**ND**						05/13/2022
trans-1,2-Dichloroethene	*	2.0		**ND**						05/13/2022
Xylenes, Total	*	4.0		**ND**						05/13/2022
Surr: 1,2-Dichloroethane-d4	*			**52.4**	50.00		104.7	80	120	05/13/2022
Surr: 4-Bromofluorobenzene	*			**54.2**	50.00		108.4	80	120	05/13/2022
Surr: Dibromofluoromethane	*			**48.4**	50.00		96.8	80	120	05/13/2022
Surr: Toluene-d8	*			**50.2**	50.00		100.5	80	120	05/13/2022

Batch 191707 **SampType:** LCS Units **µg/L**

SampID: LCS-AM220513A-2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**48.8**	50.00	0	97.5	78.5	119	05/13/2022
Bromoform	*	2.0		**48.4**	50.00	0	96.8	78.9	121	05/13/2022
Ethylbenzene	*	2.0		**53.8**	50.00	0	107.5	78.2	114	05/13/2022
m,p-Xylenes	*	2.0		**109**	100.0	0	108.7	77.2	116	05/13/2022
Methylene chloride	*	2.0		**45.8**	50.00	0	91.7	71.8	115	05/13/2022
Naphthalene	*	5.0		**47.9**	50.00	0	95.8	75.6	121	05/13/2022
o-Xylene	*	2.0		**51.9**	50.00	0	103.8	79.2	112	05/13/2022
Toluene	*	2.0		**51.8**	50.00	0	103.6	78.6	112	05/13/2022
trans-1,2-Dichloroethene	*	2.0		**46.5**	50.00	0	93.1	75.7	130	05/13/2022
Xylenes, Total	*	4.0		**161**	150.0	0	107.1	78.3	114	05/13/2022
Surr: 1,2-Dichloroethane-d4	*			**48.9**	50.00		97.8	80	120	05/13/2022
Surr: 4-Bromofluorobenzene	*			**47.2**	50.00		94.5	80	120	05/13/2022
Surr: Dibromofluoromethane	*			**46.4**	50.00		92.9	80	120	05/13/2022
Surr: Toluene-d8	*			**51.2**	50.00		102.4	80	120	05/13/2022

Client: ERM **Work Order:** 22050865

Client Project: Ameren Taylorville 2nd Qtr 2022 **Report Date:** 23-May-22

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

Batch 191707 **SampType:** LCSD Units **µg/L** RPD Limit: **15.9**

SampID: LCSD-AM220513A-2

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	*	0.5		**48.6**	50.00	0	97.2	48.76	0.35	05/13/2022
Bromoform	*	2.0		**48.2**	50.00	0	96.4	48.42	0.41	05/13/2022
Ethylbenzene	*	2.0		**52.9**	50.00	0	105.9	53.76	1.54	05/13/2022
m,p-Xylenes	*	2.0		**106**	100.0	0	106.4	108.7	2.14	05/13/2022
Methylene chloride	*	2.0		**46.1**	50.00	0	92.1	45.84	0.50	05/13/2022
Naphthalene	*	5.0		**48.6**	50.00	0	97.2	47.88	1.51	05/13/2022
o-Xylene	*	2.0		**51.1**	50.00	0	102.2	51.89	1.51	05/13/2022
Toluene	*	2.0		**51.1**	50.00	0	102.2	51.80	1.40	05/13/2022
trans-1,2-Dichloroethene	*	2.0		**46.8**	50.00	0	93.5	46.53	0.47	05/13/2022
Xylenes, Total	*	4.0		**158**	150.0	0	105.0	160.6	1.94	05/13/2022
Surr: 1,2-Dichloroethane-d4	*			**48.6**	50.00		97.2			05/13/2022
Surr: 4-Bromofluorobenzene	*			**48.8**	50.00		97.6			05/13/2022
Surr: Dibromofluoromethane	*			**47.0**	50.00		94.0			05/13/2022
Surr: Toluene-d8	*			**51.0**	50.00		101.9			05/13/2022

Batch 191727 **SampType:** MBLK Units **µg/L**

SampID: MBLK-AE220516A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**ND**						05/16/2022
Bromoform	*	2.0		**ND**						05/16/2022
Ethylbenzene	*	2.0		**ND**						05/16/2022
m,p-Xylenes	*	2.0		**ND**						05/16/2022
Methylene chloride	*	2.0		**ND**						05/16/2022
Naphthalene	*	5.0		**ND**						05/16/2022
o-Xylene	*	2.0		**ND**						05/16/2022
Toluene	*	2.0		**ND**						05/16/2022
trans-1,2-Dichloroethene	*	2.0		**ND**						05/16/2022
Xylenes, Total	*	4.0		**ND**						05/16/2022
Surr: 1,2-Dichloroethane-d4	*			**49.0**	50.00		98.0	80	120	05/16/2022
Surr: 4-Bromofluorobenzene	*			**48.8**	50.00		97.7	80	120	05/16/2022
Surr: Dibromofluoromethane	*			**48.9**	50.00		97.8	80	120	05/16/2022
Surr: Toluene-d8	*			**49.4**	50.00		98.9	80	120	05/16/2022

Client: ERM **Work Order:** 22050865

Client Project: Ameren Taylorville 2nd Qtr 2022 **Report Date:** 23-May-22

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

Batch 191727 **SampType:** LCS Units **µg/L**

SampID: LCS-AE220516A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**50.1**	50.00	0	100.2	78.5	119	05/16/2022
Bromoform	*	2.0		**50.7**	50.00	0	101.4	78.9	121	05/16/2022
Ethylbenzene	*	2.0		**49.2**	50.00	0	98.4	78.2	114	05/16/2022
m,p-Xylenes	*	2.0		**98.5**	100.0	0	98.5	77.2	116	05/16/2022
Methylene chloride	*	2.0		**46.7**	50.00	0	93.4	71.8	115	05/16/2022
Naphthalene	*	5.0		**46.5**	50.00	0	93.0	75.6	121	05/16/2022
o-Xylene	*	2.0		**49.2**	50.00	0	98.4	79.2	112	05/16/2022
Toluene	*	2.0		**49.4**	50.00	0	98.7	78.6	112	05/16/2022
trans-1,2-Dichloroethene	*	2.0		**50.6**	50.00	0	101.2	75.7	130	05/16/2022
Xylenes, Total	*	4.0		**148**	150.0	0	98.5	78.3	114	05/16/2022
Surr: 1,2-Dichloroethane-d4	*			**48.9**	50.00		97.7	80	120	05/16/2022
Surr: 4-Bromofluorobenzene	*			**49.2**	50.00		98.4	80	120	05/16/2022
Surr: Dibromofluoromethane	*			**49.8**	50.00		99.5	80	120	05/16/2022
Surr: Toluene-d8	*			**48.5**	50.00		97.0	80	120	05/16/2022

Batch 191727 **SampType:** LCSD Units **µg/L** RPD Limit: **15.9**

SampID: LCSD-AE220516A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	*	0.5		**52.3**	50.00	0	104.7	50.09	4.39	05/16/2022
Bromoform	*	2.0		**55.4**	50.00	0	110.7	50.68	8.81	05/16/2022
Ethylbenzene	*	2.0		**52.3**	50.00	0	104.7	49.22	6.13	05/16/2022
m,p-Xylenes	*	2.0		**105**	100.0	0	104.6	98.51	6.03	05/16/2022
Methylene chloride	*	2.0		**50.0**	50.00	0	100.0	46.68	6.83	05/16/2022
Naphthalene	*	5.0		**50.8**	50.00	0	101.6	46.50	8.84	05/16/2022
o-Xylene	*	2.0		**52.6**	50.00	0	105.1	49.21	6.56	05/16/2022
Toluene	*	2.0		**52.6**	50.00	0	105.2	49.35	6.34	05/16/2022
trans-1,2-Dichloroethene	*	2.0		**53.1**	50.00	0	106.3	50.60	4.88	05/16/2022
Xylenes, Total	*	4.0		**157**	150.0	0	104.8	147.7	6.21	05/16/2022
Surr: 1,2-Dichloroethane-d4	*			**48.7**	50.00		97.4			05/16/2022
Surr: 4-Bromofluorobenzene	*			**49.5**	50.00		99.1			05/16/2022
Surr: Dibromofluoromethane	*			**50.0**	50.00		99.9			05/16/2022
Surr: Toluene-d8	*			**49.2**	50.00		98.4			05/16/2022

Client: ERM **Work Order:** 22050865

Client Project: Ameren Taylorville 2nd Qtr 2022 **Report Date:** 23-May-22

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

Batch 191727 **SampType:** MS Units **µg/L**

SampID: 22050865-019BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene		0.50		**52.7**	50.00	0	105.4	72	120	05/16/2022
Ethylbenzene		1.00		**50.8**	50.00	0	101.5	74.8	115	05/16/2022
m,p-Xylenes		1.00		**52.4**	50.00	0	104.8	69.7	115	05/16/2022
o-Xylene		1.00		**50.8**	50.00	0	101.5	72.9	111	05/16/2022
Toluene		2.00		**52.4**	50.00	0	104.7	70.6	109	05/16/2022
Xylenes, Total		2.00		**103**	100.0	0	103.2	72.1	113	05/16/2022
Surr: 1,2-Dichloroethane-d4	*			**49.3**	50.00		98.6	80	120	05/16/2022
Surr: 4-Bromofluorobenzene	*			**48.6**	50.00		97.1	80	120	05/16/2022
Surr: Dibromofluoromethane	*			**49.4**	50.00		98.8	80	120	05/16/2022
Surr: Toluene-d8	*			**49.3**	50.00		98.6	80	120	05/16/2022

Batch 191727 **SampType:** MSD Units **µg/L** RPD Limit: **20**

SampID: 22050865-019BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene		0.50		**53.5**	50.00	0	107.0	52.69	1.49	05/16/2022
Ethylbenzene		1.00		**52.0**	50.00	0	104.0	50.77	2.39	05/16/2022
m,p-Xylenes		1.00		**53.8**	50.00	0	107.5	52.39	2.60	05/16/2022
o-Xylene		1.00		**51.8**	50.00	0	103.6	50.76	2.05	05/16/2022
Toluene		2.00		**53.9**	50.00	0	107.8	52.35	2.88	05/16/2022
Xylenes, Total		2.00		**106**	100.0	0	105.6	103.2	2.33	05/16/2022
Surr: 1,2-Dichloroethane-d4	*			**49.0**	50.00		98.1			05/16/2022
Surr: 4-Bromofluorobenzene	*			**48.8**	50.00		97.5			05/16/2022
Surr: Dibromofluoromethane	*			**49.5**	50.00		99.0			05/16/2022
Surr: Toluene-d8	*			**49.1**	50.00		98.2			05/16/2022

Client: ERM **Work Order:** 22050865

Client Project: Ameren Taylorville 2nd Qtr 2022 **Report Date:** 23-May-22

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

Batch 191850 **SampType:** MBLK Units µg/L

SampID: MBLK-AE220518A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**ND**						05/18/2022
Bromoform	*	2.0		**ND**						05/18/2022
Ethylbenzene	*	2.0		**ND**						05/18/2022
m,p-Xylenes	*	2.0		**ND**						05/18/2022
Methylene chloride	*	2.0		**ND**						05/18/2022
Naphthalene	*	5.0		**ND**						05/18/2022
o-Xylene	*	2.0		**ND**						05/18/2022
Toluene	*	2.0		**ND**						05/18/2022
trans-1,2-Dichloroethene	*	2.0		**ND**						05/18/2022
Xylenes, Total	*	4.0		**ND**						05/18/2022
Surr: 1,2-Dichloroethane-d4	*			**48.6**	50.00		97.2	80	120	05/18/2022
Surr: 4-Bromofluorobenzene	*			**48.2**	50.00		96.5	80	120	05/18/2022
Surr: Dibromofluoromethane	*			**49.1**	50.00		98.2	80	120	05/18/2022
Surr: Toluene-d8	*			**49.4**	50.00		98.8	80	120	05/18/2022

Batch 191850 **SampType:** LCS Units µg/L

SampID: LCS-AE220518A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**50.6**	50.00	0	101.3	78.5	119	05/18/2022
Bromoform	*	2.0		**51.1**	50.00	0	102.2	78.9	121	05/18/2022
Ethylbenzene	*	2.0		**49.2**	50.00	0	98.4	78.2	114	05/18/2022
m,p-Xylenes	*	2.0		**97.8**	100.0	0	97.8	77.2	116	05/18/2022
Methylene chloride	*	2.0		**47.4**	50.00	0	94.9	71.8	115	05/18/2022
Naphthalene	*	5.0		**45.8**	50.00	0	91.6	75.6	121	05/18/2022
o-Xylene	*	2.0		**49.2**	50.00	0	98.4	79.2	112	05/18/2022
Toluene	*	2.0		**49.3**	50.00	0	98.6	78.6	112	05/18/2022
trans-1,2-Dichloroethene	*	2.0		**51.7**	50.00	0	103.5	75.7	130	05/18/2022
Xylenes, Total	*	4.0		**147**	150.0	0	98.0	78.3	114	05/18/2022
Surr: 1,2-Dichloroethane-d4	*			**49.1**	50.00		98.1	80	120	05/18/2022
Surr: 4-Bromofluorobenzene	*			**49.5**	50.00		99.0	80	120	05/18/2022
Surr: Dibromofluoromethane	*			**50.0**	50.00		100.1	80	120	05/18/2022
Surr: Toluene-d8	*			**48.9**	50.00		97.8	80	120	05/18/2022

Client: ERM **Work Order:** 22050865

Client Project: Ameren Taylorville 2nd Qtr 2022 **Report Date:** 23-May-22

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

Batch 191850 **SampType:** LCSD Units **µg/L** RPD Limit: **15.9**

SampID: LCSD-AE220518A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	*	0.5		**49.8**	50.00	0	99.6	50.63	1.67	05/18/2022
Bromoform	*	2.0		**51.9**	50.00	0	103.7	51.12	1.46	05/18/2022
Ethylbenzene	*	2.0		**48.7**	50.00	0	97.3	49.18	1.04	05/18/2022
m,p-Xylenes	*	2.0		**97.0**	100.0	0	97.0	97.77	0.75	05/18/2022
Methylene chloride	*	2.0		**47.5**	50.00	0	95.0	47.44	0.13	05/18/2022
Naphthalene	*	5.0		**47.5**	50.00	0	94.9	45.82	3.52	05/18/2022
o-Xylene	*	2.0		**48.8**	50.00	0	97.6	49.20	0.78	05/18/2022
Toluene	*	2.0		**48.7**	50.00	0	97.4	49.29	1.20	05/18/2022
trans-1,2-Dichloroethene	*	2.0		**50.4**	50.00	0	100.8	51.74	2.62	05/18/2022
Xylenes, Total	*	4.0		**146**	150.0	0	97.2	147.0	0.76	05/18/2022
Surr: 1,2-Dichloroethane-d4	*			**49.0**	50.00		98.0			05/18/2022
Surr: 4-Bromofluorobenzene	*			**49.8**	50.00		99.7			05/18/2022
Surr: Dibromofluoromethane	*			**50.1**	50.00		100.2			05/18/2022
Surr: Toluene-d8	*			**48.7**	50.00		97.3			05/18/2022

Batch 191850 **SampType:** MS Units **µg/L**

SampID: 22050865-036BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene		25.0		**3570**	2500	1072	99.8	72	120	05/18/2022
Ethylbenzene		50.0		**2730**	2500	329.5	96.2	74.8	115	05/18/2022
m,p-Xylenes		50.0		**2710**	2500	229.0	99.2	69.7	115	05/18/2022
o-Xylene		50.0		**2620**	2500	183.5	97.6	72.9	111	05/18/2022
Toluene		100		**2840**	2500	357.0	99.5	70.6	109	05/18/2022
Xylenes, Total		100		**5330**	5000	412.5	98.4	72.1	113	05/18/2022
Surr: 1,2-Dichloroethane-d4	*			**2450**	2500		98.0	80	120	05/18/2022
Surr: 4-Bromofluorobenzene	*			**2420**	2500		96.8	80	120	05/18/2022
Surr: Dibromofluoromethane	*			**2430**	2500		97.3	80	120	05/18/2022
Surr: Toluene-d8	*			**2480**	2500		99.2	80	120	05/18/2022

Client: ERM **Work Order:** 22050865

Client Project: Ameren Taylorville 2nd Qtr 2022 **Report Date:** 23-May-22

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

Batch **191850** **SampType:** **MSD** Units **µg/L** RPD Limit: **20**

SampID: 22050865-036BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene		25.0		**3720**	2500	1072	106.1	3568	4.27	05/18/2022
Ethylbenzene		50.0		**2850**	2500	329.5	100.9	2734	4.22	05/18/2022
m,p-Xylenes		50.0		**2810**	2500	229.0	103.3	2709	3.70	05/18/2022
o-Xylene		50.0		**2720**	2500	183.5	101.5	2624	3.65	05/18/2022
Toluene		100		**2990**	2500	357.0	105.4	2844	5.09	05/18/2022
Xylenes, Total		100		**5530**	5000	412.5	102.4	5333	3.67	05/18/2022
Surr: 1,2-Dichloroethane-d4	*			**2450**	2500		98.2			05/18/2022
Surr: 4-Bromofluorobenzene	*			**2400**	2500		96.0			05/18/2022
Surr: Dibromofluoromethane	*			**2450**	2500		97.9			05/18/2022
Surr: Toluene-d8	*			**2480**	2500		99.3			05/18/2022

Receiving Check List

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 2nd Qtr 2022

Work Order: 22050865

Report Date: 23-May-22

Carrier: Bennett Kidd

Received By: PRY

Completed by: Payton Yoch
On: 12-May-22

Reviewed by: Elizabeth A. Hurley
On: 12-May-22

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

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C 5.4
Type of thermal preservation?	None ☐	Ice ☑	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Reported field parameters measured:	Field ☐	Lab ☐	NA ☑	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐		

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

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

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

Trip Blank collection date and time will be reported as the received date and time (end of trip). - ehurley - 5/12/2022 5:25:00 PM

CHAIN OF CUSTODY

pg. 1 of 4 Work order # 22050865

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

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

Samples on: ☑ ICE ☐ BLUE ICE ☐ NO ICE ~~12/hr~~ LTG# 5
Preserved in: ☐ LAB ☐ FIELD
FOR LAB USE ONLY
Lab Notes: 5.4
OK HEADSPACE TW

Client Comments
MS/MSD 1 collected @ GW-22D
MS/MSD 2 collected @ GW-3
RLS to conform w/ IEPA TACO

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 2nd Qtr 2022	Abass/ Kidd

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
22050865-001	GW-01	5/10/22; 1750	1	2		X		X	X
002	GW-02	5/12/22; 0835	1	2		X		X	X
003	GW-03	5/12/22; 0815	1	2		X		X	X
004	GW-04R	5/12/22; 0530	1	2		X		X	X
005	GW-05	5/10/22; 1330	1	2		X		X	X
006	GW-07	5/11/22; 1225	1	2		X		X	X
007	GW-14	5/11/22; 1010	1	2		X		X	X
008	GW-15	5/11/22; 1425	1	2		X		X	X
009	GW-16S	5/9/22; 1340	1	2		X		X	X
010	GW-16D	5/9/22; 1300	1	2		X		X	X

Relinquished By	Date/Time	Received By	Date/Time
Bennett Kidd ERM	5/12/22 1200	[signature]	5/12/22 1200

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: 72223

TWM/SAH 5/12/22

CHAIN OF CUSTODY

pg. 2 of 4 Work order # 22050865

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

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

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

Client Comments See Pg 1

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

Project Name/Number	Sample Collector's Name
Ameren Taylorville 2nd Qtr 2022	Abegg / Kidd

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
22050865-011	GW-17	5/9/22; 1400	1	2		X		X	X
012	GW-18S	5/9/22; 1900	1	2		X		X	X
013	GW-18D	5/9/22; 1830	1	2		X		X	X
014	GW-19S	5/9/22; 1725	1	2		X		X	X
015	GW-19D	5/9/22; 1650	1	2		X		X	X
016	GW-20	5/9/22; 1510	1	2		X		X	X
017	GW-21	5/11/22; 1615	1	2		X		X	X
018	GW-22S	5/10/22; 1825	1	2		X		X	X
019	GW-22D	5/10/22; 1720	1	2		X		X	X
	~~GW-24~~		~~1~~	~~2~~		~~X~~		X	X

Relinquished By	Date/Time	Received By	Date/Time
Bennett Kidd ERM	5/12/22 1200	[illegible]	5/12/22 1200

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BottleOrder: 72223

CHAIN OF CUSTODY

pg. 3 of 4 Work order # 22050865

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

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

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

Client Comments See Pg 1

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

Project Name/Number: Ameren Taylorville 2nd Qtr 2022
Sample Collector's Name: Abess / Kidd

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
22050865-070	GW-12	5/11/22 1705	1	2		X		X	X
071	GW-13S	5/11/22; 0805	1	2		X		X	X
072	GW-13D	5/11/22; 0750	1	2		X		X	X
073	GW-101S	5/10/22; 1000	1	2		X		X	X
074	GW-102S	5/10/22, 0930	1	2		X		X	X
075	GW-102D	5/10/22; 0920	1	2		X		X	X
076	GW-103S	5/11/22; 1545	1	2		X		X	X
077	GW-103D	5/11/22; 1605	1	2		X		X	X
078	GW-25	5/10/22; 1440	1	2		X		X	X
079	GW-26	5/10/22; 0810	1	2		X		X	X

Relinquished By	Date/Time	Received By	Date/Time
[illegible] ERM	5/12/22 1200	[illegible]	5/12/22 1200

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BottleOrder: 72223

CHAIN OF CUSTODY

pg. 4 of 4 Work order # 22050865

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

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

Samples on: ☒ ICE ☐ BLUE ICE ☒ NO ICE ____ °C LTG# ____
Preserved in: ☒ LAB ☐ FIELD

FOR LAB USE ONLY

Lab Notes:
MS/MSD 1 = GW-22D MS/MSD 2 = GW-03 5/10/22

Client Comments See PS 1

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

Project Name/Number: Ameren Taylorville 2nd Qtr 2022
Sample Collector's Name: Abess / Kidd

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
22050865-030	~~Dup 1~~ (MA) GW-10D-Dup	5/10/22; 0920	1	2		X		X	X
031	~~Field Blank 1~~ (MA) MS/MSD 1	5/10/22; 1720	2	4 (MA)	(MA)	X		X	X
032	Trip Blank 1	— : —		2			X		X
033	Trip Blank 2 (MA)	— : —		2			X		X
034	~~Trip Blank 3~~ GW-13S-Dup	5/11/22 ~0805	1	2		X	~~X~~ (MA)	X	X
035	MS/MSD 2 → ~~MS/MSD 2~~ (MA)	5/12/22 0815	2	4 (MA)		X	X (MA)	X	X
036	~~Dup 2~~ (MA) GW-9R-Dup	5/12/22; 0930	1	2		X		X	X
037	GW-09S	5/10/22; 1125	1	2		X		X	X
038	GW-09D	5/10/22; 1115	1	2		X		X	X
	GW-11		1	2		X		X	X

(MA)

Relinquished By	Date/Time	Received By	Date/Time
Bennett Kidd ERM	5/12/22 1200	[signature]	5/12/22 1200

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BottleOrder: 72223

ATTACHMENT B

SUMMARY OF ANALYTICAL RESULTS
2015 – MAY 2022

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

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

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

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

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

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

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

GW-01 Analyte	Unit	Remediation Objective (RO)	Result 11/8/2018	Result (DUP) 11/8/2018	Result 2/19/2019	Result 5/7/2019	Result 8/14/2019	Result 11/13/2019	Result 2/19/2020	Result 5/14/2020	Result 8/13/2020	Result 11/11/2020	Result 2/24/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000088** J	< 0.0001	< 0.0001 B	< 0.000222	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.00006** J	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000148	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.00148 C	< 0.002 C	< 0.002 C	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000222	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000148	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 B	< 0.000074	< 0.0001	< 0.0001	< 0.0002
m,p-Cresol	mg/L	-	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	---	---	< 0.0002	**0.000891**	< 0.0002	< 0.0002	< 0.000296	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000444	< 0.0006	< 0.0006	**0.0007**
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002 B	< 0.000148	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 1	< 1	< 1	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2

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

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

GW-01 Analyte	Unit	Remediation Objective (RO)	Result 5/13/2021	Result 8/11/2021	Result 11/9/2021	Result 2/16/2022	Result 5/10/2022
Acenaphthene	mg/L	0.42	NA	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	NA	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	NA	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	NA	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	NA	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	NA	**0.000074 J**	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	NA	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	NA	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	NA	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	NA	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	NA	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	NA	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	NA	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	NA	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	NA	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	NA	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	NA	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	NA	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	NA	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	NA	< 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	**0.37 J**	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 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	**0.37 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
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R = RPD outside accepted recovery limits
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< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter
NA = Not analyzed due to laboratory error.

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

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

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

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

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

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

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

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

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

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

GW-02 Analyte	Unit	Remediation Objective (RO)	Result 8/14/2018	Result 2/20/2019	Result 5/8/2019	Result (DUP) 5/8/2019
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	**0.000065 J**	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	**0.000239**	**0.000243**	**0.000134**	**0.000113**
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	**0.000056 J**	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	**0.000059 J**	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0001	< 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	**0.00615**	**0.0108**	**0.00416**	**0.00756**
Chrysene	mg/L	0.0015	< 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
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 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
m,p-Cresol	mg/L	-	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---
Naphthalene	mg/L	0.14	---	---	**0.00057**	< 0.0002
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	**0.00012**	**0.00013 BJ**	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	**1.5 J**	< 2
o-Xylene	µg/L	-	< 1	< 1	**0.11 J**	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 1	< 1	< 2	< 2

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

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

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

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

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

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

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

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

GW-02 Analyte	Unit	Remediation Objective (RO)	Result (DUP) 11/11/2020		Result 2/24/2021		Result 5/13/2021		Result 8/11/2021	
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		**0.000074**	**J**
Benzo(g,h,i)perylene	mg/L	-	< 0.0002		< 0.0002		< 0.0002		< 0.0002	
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001		< 0.0001		< 0.0001		< 0.0001	
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	C	**0.00364**	**C**	**0.00206**		**0.0195**	
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		< 0.01		< 0.01		< 0.01	
o-Cresol	mg/L	0.35	< 0.01		< 0.01		< 0.01		< 0.01	
Naphthalene	mg/L	0.14	< 0.0004		< 0.0004		< 0.0004		< 0.0004	
Phenanthrene	mg/L	-	< 0.0006		< 0.0006		< 0.0006		< 0.0006	
Pyrene	mg/L	0.21	< 0.0002		< 0.0002		< 0.0002		< 0.0002	
Benzene	µg/L	5.0	< 0.5		< 0.5		< 0.5		< 0.5	
Bromoform	µg/L	1.0	< 2		< 2		< 2		< 2	
Ethylbenzene	µg/L	700	< 1		< 1		< 1		< 1	
m,p-Xylenes	µg/L	-	< 1		< 1		< 1		< 1	
Methylene chloride	µg/L	5.0	< 2		< 2		< 2		< 2	
Naphthalene	µg/L	140	< 2	B	< 2	B	< 2		< 2	
o-Xylene	µg/L	-	< 1		< 1		< 1		< 1	
Toluene	µg/L	1000	< 2		< 2		< 2		< 2	
trans-1,2-Dichloroethene	µg/L	100	< 2		< 2		< 2		< 2	
Xylenes, Total	µg/L	10000	< 2		< 2		< 2		< 2	

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GW-05 Analyte	Unit	Remediation Objective (RO)	Result 8/13/2018	Result 11/7/2018	Result 2/20/2019	Result 5/7/2019	Result 8/14/2019	Result 11/14/2019	Result 2/20/2020	Result 5/12/2020	Result 8/13/2020	Result (DUP) 8/13/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000056 J**	< 0.000078	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	**0.00008 J**	< 0.0001	**0.000051 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000233	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	**0.000094 J**	< 0.0001	**0.000197**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	**0.000079 J**	< 0.0001	**0.000097 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	**0.000066 J**	< 0.0001	**0.000206**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	**0.000045 J**	< 0.0001	**0.000084 J**	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000155	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00256**	**0.00287**	**0.0049**	**0.0103**	**0.00671**	**0.0089**	< 0.002	**0.0101**	**0.00227 C**	**0.00286 C**
Chrysene	mg/L	0.0015	**0.000062 J**	< 0.0001	**0.000268**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00775	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	**0.000204**	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000233	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	**0.000141**	< 0.0001	< 0.0001	< 0.0001	0.000158	< 0.000155	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	**0.000088 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00775	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00775	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	---	---	< 0.0002	**0.000214**	**0.000404**	**0.00366**	**0.00103**	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000465	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0001	< 0.0002	**0.00017 BJ**	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000155	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	**0.41 J**	< 0.5	< 0.5	**0.22 J**	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	**0.31 J**	< 1	< 1	**0.2 J**	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	**0.35 J**	< 1	< 1	**0.19 J**	**0.18 J**	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	**0.81 J**	< 2	**35.9**	< 2	**0.49 J**	< 2	**46.6**	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	**0.23 J**	< 1	< 1	**0.13 J**	**0.11 J**	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	**0.4 J**	< 2	< 2	**0.17 J**	**0.17 J**	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 1	< 1	**0.58 J**	< 2	< 2	**0.32 J**	**0.29 J**	< 2	< 2	< 2

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

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

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

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

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

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

Notes:
B = Analyte detected in associated method blank
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mg/L = milligrams per liter
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H=Laboratory hold times exceeded. GW-05 and GW-07 reanalyzed for Napthalene at ERM request after laboratory instrument carryover suspected from GW-04R sample.

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

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

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

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

GW-07 Analyte	Unit	Remediation Objective (RO)	Result 5/8/2019	Result 8/13/2019	Result (Dup) 8/13/2019	Result 11/13/2019	Result 2/18/2020	Result 5/12/2020	Result 8/13/2020	Result 11/10/2020	Result 2/23/2021
Acenaphthene	mg/L	0.42	0.000136	0.000078 J	0.000086 J	0.000099 J	0.000077 J	0.000063 J	0.000071 J	0.000076 J	0.000076 J
Acenaphthylene	mg/L	-	0.000253	0.000142	0.000135	0.000186	0.000116	0.000098	0.000105	0.000142	0.000168
Anthracene	mg/L	2.1	0.00186	0.00106	0.00101	0.000964 R	0.000877	0.00069	0.000772	0.0012	0.00144
Benzo(a)anthracene	mg/L	0.00013	0.000225	0.000213	0.000189	0.000221	0.000164	0.000141	0.000168	0.000155	0.000119
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0005	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0005 R	0.000057 J	< 0.000072	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.001 R	< 0.0002	< 0.000144	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0005	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	0.0019 J	0.00364 S	0.0048	< 0.005 S	0.011	0.0022 C	0.00202 C	0.00655	0.00975
Chrysene	mg/L	0.0015	0.000145	0.000121	0.000145	0.000184	0.000116	0.000101	0.00014	0.000112	0.000082 J
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0005	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	---	< 0.01	< 0.01	< 0.01	< 0.01	< 0.00719	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	0.00214	0.00142	0.00137	0.00126	0.00113	0.000996	0.000951	0.00119	0.00131
Fluorene	mg/L	0.28	0.000457	0.000249	0.000255	0.000284	0.000235	0.000165	0.000205	0.000278	0.000295
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0005 SR	< 0.0001	< 0.000072	0.000076 J	< 0.0001	< 0.0002
m,p-Cresol	mg/L	-	---	< 0.01	< 0.01	< 0.01	< 0.01	< 0.00719	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	< 0.01	< 0.01	< 0.01	< 0.01	< 0.00719	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.0002	< 0.0002	0.00019 J	< 0.000288	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000432	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	0.00312	0.00199	0.00194	0.00012 JSR	0.0016	0.00152	0.0014	0.00185	0.00197
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.51	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0.12 J	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2 B	< 2	< 2	< 2	6.07	< 2	0.64 J	1.4 J	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	0.1 J	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
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The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter
H=Laboratory hold times exceeded. GW-05 and GW-07 reanalyzed for Napthalene at ERM request after laboratory instrument carryover suspected from GW-04R sample.

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

GW-07 Analyte	Unit	Remediation Objective (RO)	Result 5/12/2021	Result 8/12/2021	Result 11/9/2021	Result 2/16/2022	Result 5/11/2022
Acenaphthene	mg/L	0.42	**0.000118**	**0.000079 J**	**0.000136**	**0.000183**	**0.000145**
Acenaphthylene	mg/L	-	**0.000117**	**0.000137**	**0.000186**	**0.000251**	**0.000149**
Anthracene	mg/L	2.1	**0.00119**	**0.00124**	**0.00146**	**0.00144**	**0.00153**
Benzo(a)anthracene	mg/L	0.00013	**0.000161**	**0.000186**	**0.000235**	**0.000185**	**0.000182**
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00732**	**0.00233**	**0.00403 S**	**0.00290**	**0.00471**
Chrysene	mg/L	0.0015	**0.000102**	**0.000122**	**0.00017**	**0.000177**	**0.000163**
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	**0.00136**	**0.00146**	**0.00164**	**0.00147**	**0.00169**
Fluorene	mg/L	0.28	**0.000343**	**0.000305**	**0.00039**	**0.000516**	**0.000368**
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	**0.01**	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	**0.00329**	< 0.0004	< 0.0004	**0.00269**	< 0.0004
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	**0.00227**	**0.00233**	**0.0026**	**0.0025**	**0.0030**
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	**0.32 J**	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	**0.54 J**	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	**1.4 J**	< 2	< 2 H	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	**0.21 J**	< 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	**0.75 J**	< 2	< 2

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GW-14 Analyte	Unit	Remediation Objective (RO)	Result 8/16/2017	Result 11/21/2017	Result 2/15/2018	Result 5/7/2018	Result 8/13/2018	Result 11/7/2018	Result 2/19/2019	Result 5/8/2019	Result 8/12/2019	Result 11/12/2019
Acenaphthene	mg/L	0.42	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00962**	< 0.006	**0.0094**	**0.00367**	**0.0173**	**0.0126**	< 0.002	< 0.002	**0.00622**	**0.00583**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	**0.000031 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	---	---	---	---	---	---	---	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	**0.000095**	< 0.0001 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	< 0.0002	< 0.0002	< 0.0002
Phenanthrene	mg/L	-	< 0.0064	**0.000182 B**	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.5	**0.2 J**	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.1	< 2	**1.4 J**	< 2	< 2	**2.89**	< 2 B	< 2	< 2
o-Xylene	µg/L	-	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2	< 2

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

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

GW-14 Analyte	Unit	Remediation Objective (RO)	Result 2/18/2020	Result 5/12/2020	Result 8/13/2020	Result 11/10/2020	Result 2/23/2021	Result 5/11/2021	Result 8/12/2021	Result 11/9/2021	Result 2/16/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.000217	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.000145	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0108**	**0.00417 C**	**0.0336 C**	**0.00766**	**0.00935**	**0.00934**	**0.0139**	**0.0200 B**	**0.0016 J**
Chrysene	mg/L	0.0015	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.00725	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.000217	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.000145	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.00725	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.00725	< 0.01	< 0.01	< 0.01	< 0.01	0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.00029	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.000435	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.000145	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.38 J**	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.72 J**	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	**2.88**	< 2	**0.38 J**	< 2 B	**1.6 J**	**0.49 J**	< 2	**2.53**	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.36 J**	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**0.19 J**	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**1.1 J**	< 2

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

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

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

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

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

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

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

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

GW-15 Analyte	Unit	Remediation Objective (RO)	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
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.00006 J**	**0.00006 J**
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00277**	**0.0025**	---	---	---	---
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.0001	< 0.0001	---	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	**0.22 B**	< 0.2 B	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4

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

Attachment B
Summary of Analytical Results 2015 - May 2022
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
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	**0.000064 J**
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001	**0.000053 J**	**0.000076 J**
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	**0.00006 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.0001
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	**0.00335**	**0.00567**	< 0.006	**0.0111**	**0.00563**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	---
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	**0.00012 J**	< 0.0001	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	**0.000095 J**	**0.0001**	**0.000072 J**	**0.00011**
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
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
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	**0.0001 J**	< 0.0001	**0.000066 J**	< 0.0001
Benzene	µg/L	5.0	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.5	< 0.5	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	**0.9**	< 2	< 2	**0.8 J**
o-Xylene	µg/L	-	< 2	< 2	< 2	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 1	< 1	< 1

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

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

GW-15 Analyte	Unit	Remediation Objective (RO)	Result (DUP) 5/8/2018	Result 8/14/2018	Result 11/7/2018	Result 2/20/2019	Result 5/8/2019	Result 8/14/2019
Acenaphthene	mg/L	0.42	**0.000053 J**	< 0.0001	< 0.0001 S	**0.000055 J**	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	**0.000063 J**	< 0.0001	**0.000063 JS**	**0.000069 J**	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< **0.0001 S**	**0.000052 J**	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001 S	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001 S	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0109**	**0.00274 SR**	**0.0039**	**0.00327**	**0.014**	**0.00331**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	---	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	**0.00015 J**	< 0.0002 S	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	**0.000101**	< 0.0001	< 0.0001 S	**0.0001 J**	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001 R	< 0.0001 S	< 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	-	< 0.0004	< 0.0004	< 0.0004 S	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0001	**0.000143**	< 0.0002 S	**0.00011 BJ**	< 0.0002	< 0.0002
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 B	< 2	< 2	**1.7 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	< 1 B	< 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
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Yellow = Exceeds RO for Class I Groundwater Ingestion
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mg/L = milligrams per liter
µg/L = micrograms per liter

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

GW-15 Analyte	Unit	Remediation Objective (RO)	Result 11/14/2019	Result 2/20/2020	Result 5/13/2020	Result 8/13/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.000074	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	**0.000058** J	< 0.000074	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.000222	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	**0.000061** J	< 0.000074	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	**0.000078** J	< 0.000074	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	**0.000082** J	< 0.000074	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.000148	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.000074	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00802**	< 0.002	< 0.00148 C	< 0.002 C
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.000074	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.000074	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.00741	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.000222	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.000148	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	**0.000085** J	< 0.000074	**0.000074** J
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.00741	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.00741	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.000296	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.000444	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.000148	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	**1.6** J	**1.7** J	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
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S = Spike Recovery outside recovery limits
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mg/L = milligrams per liter
µg/L = micrograms per liter

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

GW-15 Analyte	Unit	Remediation Objective (RO)	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
Acenaphthylene	mg/L	-	**0.000081 J**	< 0.0001	0.000063 J	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	**0.000084 J**	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	**0.000069 J**	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	**0.000075 J**
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002 C	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 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	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0006	< 0.0006 R	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2 B	**1.1 J**	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
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mg/L = milligrams per liter
µg/L = micrograms per liter

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

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

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

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

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

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

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

GW-16S Analyte	Unit	Remediation Objective (RO)	Result 11/20/2017	Result 2/14/2018	Result 5/7/2018	Result 8/14/2018	Result 11/6/2018	Result 2/18/2019	Result 5/7/2019	Result 8/12/2019	Result 11/11/2019	Result 2/18/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.006	**0.0446**	**0.0293**	**0.0142**	< 0.002	**0.00774**	**0.00353**	**0.012**	**0.00454**	**0.0327**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0001 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	**0.000273**	< 0.0002
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	---	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Phenanthrene	mg/L	-	**0.000133 B**	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002 B	< 0.0002	< 0.0002	**0.00011 J**	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.5	**0.34 J**	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.1	< 2	**0.7 J**	< 2	< 2	< 2	< 2 B	< 2	**1 J**	**1.1 J**
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2	< 2	< 2

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

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

GW-16S Analyte	Unit	Remediation Objective (RO)	Result 5/11/2020	Result 8/12/2020	Result 11/9/2020	Result 2/22/2021	Result 5/10/2021	Result 8/10/2021	Result 11/8/2021	Result 2/15/2022	Result 5/9/2022
Acenaphthene	mg/L	0.42	< 0.000076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.000076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.000227	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.000076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.000076	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000076 J**	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.000152	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00207 C**	**0.00771 C**	**0.00589**	< 0.002	**0.00203**	**0.0068**	**0.0016 J**	**0.0016 J**	**0.0019 J**
Chrysene	mg/L	0.0015	< 0.000076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000076	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.00758	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.000227	< 0.0003	< 0.0003	< 0.0003	< 0.0003	**0.00057**	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.000152	< 0.0002	< 0.0002	< 0.0002	< 0.0002	**0.000992**	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000076	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.00758	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.00758	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.000303	**0.00164**	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.000455	< 0.0006	< 0.0006	< 0.0006	< 0.0006	**0.00255**	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.000152	< 0.0002	< 0.0002	< 0.0002	< 0.0002	**0.000486**	< 0.0002	< 0.0002	< 0.0002 B
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 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	**0.16 J**	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	**0.49 J**	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2 B	**0.43 J**	< 2	< 2	**1.2 J**	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	**0.12 J**	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	**0.61 J**	< 2	< 2

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

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

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

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

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

GW-16D Analyte	Unit	Remediation Objective (RO)	Result 5/15/2017	Result 8/16/2017	Result 11/20/2017	Result 2/14/2018	Result (DUP) 2/14/2018	Result 5/7/2018	Result 8/14/2018	Result 11/6/2018	Result 2/18/2019	Result 5/7/2019
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	**0.00032 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0138**	**0.0019 J**	< 0.008	**0.00465**	**0.0438**	**0.00939**	**0.0035**	**0.00566**	**0.00573**	< 0.01 S
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	---	---	---	---	---	---	---	---
Fluoranthene	mg/L	0.28	< 0.0021	**0.00021 J**	< 0.0001 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	< 0.0002
Phenanthrene	mg/L	-	**0.00011 J**	< 0.0064	**0.000124 B**	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	**0.00011 J**	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 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
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Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

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

GW-16D Analyte	Unit	Remediation Objective (RO)	Result (DUP) 5/7/2019	Result 8/12/2019	Result 11/12/2019	Result 2/18/2020	Result 5/11/2020	Result 8/12/2020	Result 11/9/2020	Result 2/22/2021	Result 5/10/2021	Result 8/10/2021	Result 11/8/2021	Result 2/15/2022
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	< 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	< 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	< 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	< 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	< 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**	< 0.0001	**0.0016 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	< 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	< 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**	< 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	< 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	< 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	< 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	< 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	< 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	< 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	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000296	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000444	< 0.0006	< 0.0006	**0.00101**	< 0.0006	< 0.0006	< 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	< 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**	< 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	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.16 J**	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.52 J**	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 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	**0.92** J	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.13** J	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**0.13 J**
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**0.65 J**	< 2

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

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

GW-16D		**Remediation**	**Result**		
Analyte	**Unit**	**Objective (RO)**	**5/9/2022**		
Acenaphthene	mg/L	0.42	<	0.0001	
Acenaphthylene	mg/L	-	<	0.0001	
Anthracene	mg/L	2.1	<	0.0003	
Benzo(a)anthracene	mg/L	0.00013	<	0.0001	
Benzo(a)pyrene	mg/L	0.0002	<	0.0002	
Benzo(b)fluoranthene	mg/L	0.00018	<	0.0001	
Benzo(g,h,i)perylene	mg/L	-	<	0.0002	
Benzo(k)fluoranthene	mg/L	0.00017	<	0.0001	
Bis(2-ethylhexyl)phthalate	mg/L	0.006		**0.00299**	
Chrysene	mg/L	0.0015	<	0.0001	
Dibenzo(a,h)anthracene	mg/L	0.0003	<	0.0002	
Di-n-butyl phthalate	mg/L	0.7	<	0.01	
Fluoranthene	mg/L	0.28	<	0.0003	
Fluorene	mg/L	0.28	<	0.0002	
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	<	0.0002	
m,p-Cresol	mg/L	-	<	0.01	
o-Cresol	mg/L	0.35	<	0.01	
Naphthalene	mg/L	0.14	<	0.0004	
Phenanthrene	mg/L	-	<	0.0006	
Pyrene	mg/L	0.21	<	0.0002	B
Benzene	µg/L	5.0		**0.38**	**J**
Bromoform	µg/L	1.0	<	2	
Ethylbenzene	µg/L	700	<	1	
m,p-Xylenes	µg/L	-	<	1	
Methylene chloride	µg/L	5.0	<	2	
Naphthalene	µg/L	140	<	2	
o-Xylene	µg/L	-	<	1	
Toluene	µg/L	1000	<	2	
trans-1,2-Dichloroethene	µg/L	100	<	2	
Xylenes, Total	µg/L	10000	<	2	

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GW-18D Analyte	Unit	Remediation Objective (RO)	Result 3/4/2015	Result 5/12/2015	Result (DUP) 5/12/2015	Result 8/19/2015	Result 11/4/2015	Result 2/18/2016	Result (DUP) 2/18/2016	Result 5/25/2016	Result 8/18/2016	Result 11/16/2016	Result 2/16/2017
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0014** J	**0.0014** J	**0.0033**	**0.003**	**0.0019** J	**0.00201**	< 0.002	---	---	---	---
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	**0.21** B	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	**5.63**	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	**0.3** J	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GW-19S Analyte	Unit	Remediation Objective (RO)	Result (DUP) 8/18/2017	Result 11/21/2017	Result 2/15/2018	Result 5/8/2018	Result 8/14/2018	Result 11/8/2018	Result 2/19/2019	Result (DUP) 2/19/2019	Result 5/7/2019	Result 8/13/2019
Acenaphthene	mg/L	0.42	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000051 J**	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00579**	< 0.006	**0.0013 J**	**0.00502**	**0.0149**	< **0.002**	**0.0146**	**0.00315**	**0.00632**	**0.0342**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	---	---	---	---	---	---	---	---	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	**0.000112**	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	< 0.0002	< 0.0002
Phenanthrene	mg/L	-	< 0.0064	**0.000175**	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002 B	< 0.0002 B	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 2	< 2	< 2	< 2	< 2	**0.41 J**	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 2	< 2	< 2	**0.1 J**	**0.11 J**	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2

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

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

GW-19S Analyte	Unit	Remediation Objective (RO)	Result 11/13/2019	Result 2/19/2020	Result 5/13/2020	Result 8/13/2020	Result 11/10/2020	Result 2/23/2021	Result 5/11/2021	Result 8/11/2021	Result 11/10/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.000234	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003 B
Benzo(a)anthracene	mg/L	0.00013	**0.000054 J**	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	**0.000071 J**	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.000156	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.002 J**	< 0.002	< 0.00156 C	< 0.002 C	< 0.002 C	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	**0.000058 J**	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.00781	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.000234	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.000156	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.00781	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.00781	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.000312	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.000469	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.000156	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.15 J**
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.5 J**
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	**0.39 J**	< 2	< 2	< 2 B	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.11 J**
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**0.61 J**

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

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

GW-19S Analyte	Unit	Remediation Objective (RO)	Result 2/16/2022	Result- DUP 2/16/2022	Result 5/9/2022	
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002	
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002	
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	B
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	
Bromoform	µg/L	1.0	< 2	< 2	< 2	
Ethylbenzene	µg/L	700	< 1	< 1	< 1	
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	
Naphthalene	µg/L	140	< 2	< 2	< 2	
o-Xylene	µg/L	-	< 1	< 1	< 1	
Toluene	µg/L	1000	< 2	< 2	< 2	
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	

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

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

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

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

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

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

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

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

GW-19D 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
Acenaphthene	mg/L	0.42	< 0.01	< 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
Anthracene	mg/L	2.1	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00917**	**0.00664**	**0.00352**	**0.00794**	< 0.002	**0.0019 J**	**0.00434**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	---	---	---	---	---	---
Fluoranthene	mg/L	0.28	< 0.0021	< 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
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	< 0.0002
Phenanthrene	mg/L	-	< 0.0064	< 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	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 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
Ethylbenzene	µg/L	700	< 2	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.5	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	**0.37 J**	< 2
o-Xylene	µg/L	-	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 1	< 1	< 1	< 1	< 1	< 2

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

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

GW-19D Analyte	Unit	Remediation Objective (RO)	Result 8/13/2019	Result 11/12/2019	Result 2/19/2020	Result 5/13/2020	Result - DUP 5/13/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.000073
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.000073
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.000213	< 0.000219
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.000073
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.000073
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.000073
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.000142	< 0.000146
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.000073
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0232**	**0.00425**	< 0.002	< 0.00142 C	< 0.00146 C
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.000073
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.000073
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.00709	< 0.0073
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.000213	< 0.000219
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.000142	< 0.000146
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.000073
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.00709	< 0.0073
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.00709	< 0.0073
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.0002	< 0.000284	< 0.000292
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.000426	< 0.000438
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.000142	< 0.000146
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 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
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S = Spike Recovery outside recovery limits
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The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

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

GW-19D Analyte	Unit	Remediation Objective (RO)	Result 8/13/2020		Result 11/10/2020		Result - DUP 11/10/2020		Result 2/23/2021
Acenaphthene	mg/L	0.42	< 0.0001		< 0.0001		< 0.0001		< 0.0001
Acenaphthylene	mg/L	-	< 0.0001		< 0.0001		< 0.0001		< 0.0001
Anthracene	mg/L	2.1	< 0.0003		< 0.0003		< 0.0003		< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001		< 0.0001		< 0.0001		< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001		< 0.0001		< 0.0001		< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001		< 0.0001		< 0.0001		< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002		< 0.0002		< 0.0002		< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001		< 0.0001		< 0.0001		< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	C	< 0.002	C	< 0.002	C	< 0.002
Chrysene	mg/L	0.0015	< 0.0001		< 0.0001		< 0.0001		< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001		< 0.0001		< 0.0001		< 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		< 0.0001		< 0.0001		< 0.0002
m,p-Cresol	mg/L	-	< 0.01		< 0.01		< 0.01		< 0.01
o-Cresol	mg/L	0.35	< 0.01		< 0.01		< 0.01		< 0.01
Naphthalene	mg/L	0.14	< 0.0004		< 0.0004		< 0.0004		< 0.0004
Phenanthrene	mg/L	-	< 0.0006		< 0.0006		< 0.0006		< 0.0006
Pyrene	mg/L	0.21	< 0.0002		< 0.0002		< 0.0002		< 0.0002
Benzene	µg/L	5.0	< 0.5		< 0.5		< 0.5		< 0.5
Bromoform	µg/L	1.0	< 2		< 2		< 2		< 2
Ethylbenzene	µg/L	700	< 1		< 1		< 1		< 1
m,p-Xylenes	µg/L	-	< 1		< 1		< 1		< 1
Methylene chloride	µg/L	5.0	< 2		< 2		< 2		< 2
Naphthalene	µg/L	140	**0.32**	**J**	< 2	B	< 2	B	< 2
o-Xylene	µg/L	-	< 1		< 1		< 1		< 1
Toluene	µg/L	1000	< 2		< 2		< 2		< 2
trans-1,2-Dichloroethene	µg/L	100	< 2		< 2		< 2		< 2
Xylenes, Total	µg/L	10000	< 2		< 2		< 2		< 2

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GW-21 Analyte	Unit	Remediation Objective (RO)	Result 3/5/2015	Result 5/13/2015	Result 8/20/2015	Result (DUP) 8/20/2015	Result 11/4/2015	Result 2/18/2016	Result 5/26/2016	Result 8/18/2016	Result 11/16/2016	Result 2/15/2017
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.00006 J**	**0.00007 J**	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00384**	< 0.002	**0.00837**	**0.00812**	**0.001 J**	< 0.002	---	---	---	---
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	< 0.0001 B	**0.00022**	**0.00015**	**0.00016**	< 0.0001	< 0.0001	---	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	**0.00019**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	**0.35 J**	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	**2.51**	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	**0.43 J**	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	**0.35 J**	< 4	< 4	< 4	< 4	< 4	< 4	< 4

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

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

GW-21 Analyte	Unit	Remediation Objective (RO)	Result (DUP) 2/15/2017	Result 5/17/2017	Result 8/17/2017	Result 11/21/2017	Result 2/14/2018	Result 5/10/2018	Result 8/13/2018	Result 11/8/2018	Result 2/19/2019	Result 5/7/2019
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	**0.00016** J	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000054** J	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.00006** J	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000054** J	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	**0.0019** J	**0.0015** J	< 0.006	**0.0013** J	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000043** J	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	---	---	---	---	---
Fluoranthene	mg/L	0.28	< 0.0021	**0.00015** J	< 0.0021	**0.000107** B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	**0.00011** J	< 0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	< 0.0002
Phenanthrene	mg/L	-	< 0.0064	**0.00018** J	< 0.0064	**0.000214** B	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	**0.00012** J	< 0.0027	< 0.0001 B	**0.000041** J	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.1	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 2

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

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

GW-21 Analyte	Unit	Remediation Objective (RO)	Result 8/14/2019	Result 11/13/2019	Result 2/20/2020	Result 5/12/2020	Result 8/14/2020	Result 11/11/2020	Result 2/24/2021	Result 5/12/2021	Result 8/11/2021	Result 11/9/2021	Result 2/16/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.000214	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.000071	**0.000072 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.000071	**0.00007 J**	< 0.0001	< 0.0002	< 0.0002	**0.00012 J**	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	**0.000069 J**	< 0.000071	**0.000123**	**0.000074 J**	< 0.000100	< 0.000100	**0.000132**	< 0.0001	**0.000076 J**
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.000143	**0.0001 J**	**0.000054 J**	< 0.000200	< 0.000200	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000052 J**
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002	< 0.00143 C	**0.00271 C**	< 0.002 C	< 0.002	< 0.002	< 0.002	< 0.002 B	**0.00212**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.000071	**0.000071 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000067 J**
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.00714	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.000214	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.000143	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	**0.000087 J**	< 0.000071	**0.000126**	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.00714	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.00714	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.0002	< 0.000286	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.000429	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.000143	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	**0.00018 J**
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.12 J**	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.47 J**	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	< 2 B	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.1 J**	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**0.43 J**	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**0.57 J**	< 2

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

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

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

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

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

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

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

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

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

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

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

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

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
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mg/L = milligrams per liter
µg/L = micrograms per liter

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

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

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

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

GW-22S Analyte	Unit	Remediation Objective (RO)	Result 11/9/2020	Result 2/22/2021	Result 5/12/2021	Result 8/11/2021	Result - DUP 8/11/2021	Result 11/9/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	**0.000071 J**	**0.00007 J**	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00517**	**0.0017** J	**0.00472**	**0.00983**	**0.00753**	< 0.002 B
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	**0.14 J**	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	**0.2 J**	< 1	< 1	**0.39 J**
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2 B	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	**0.13 J**	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	**0.33 J**	< 2	< 2	**0.39 J**

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

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

GW-22S Analyte	Unit	Remediation Objective (RO)	Result - DUP 11/9/2021	Result 2/16/2022	Result 5/10/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	**0.000068 J**	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0016 BJ**	< 0.002	**0.00347**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2
Ethylbenzene	µg/L	700	**0.11 J**	< 1	< 1
m,p-Xylenes	µg/L	-	**0.47 J**	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2
o-Xylene	µg/L	-	**0.11 J**	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	**0.12 J**
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	**0.58 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
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R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

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

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

Notes:
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J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
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Yellow = Exceeds RO for Class I Groundwater Ingestion
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All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

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

GW-22D Analyte	Unit	Remediation Objective (RO)	Result (DUP) 8/17/2017	Result 11/22/2017	Result 2/14/2018	Result 5/8/2018	Result 8/14/2018	Result 11/7/2018	Result 2/20/2019	Result (DUP) 2/20/2019	Result 5/8/2019	Result 8/14/2019	Result 11/13/2019
Acenaphthene	mg/L	0.42	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00566**	< 0.006	**0.00529**	**0.00829**	**0.00939**	**0.00579**	**0.00243**	**0.00215**	**0.0111**	**0.00834**	**0.00636**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	---	---	---	---	---	---	---	---	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	**0.000142**	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	**0.00126**	< 0.0002	< 0.0002
Phenanthrene	mg/L	-	< 0.0064	**0.000882**	< 0.0001	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.1	< 2	< 2	< 2	< 2	< 2	< 2	**2.86**	< 2	< 2
o-Xylene	µg/L	-	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2	< 2

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

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

GW-22D Analyte	Unit	Remediation Objective (RO)	Result 2/20/2020	Result 5/11/2020	Result 8/12/2020	Result 11/9/2020	Result 2/23/2021	Result 5/12/2021	Result 8/12/2021	Result 11/9/2021	Result 2/16/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.000081	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.000081	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.000242	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.000081	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.000081	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.000081	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.000161	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.000081	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.00161 C	< 0.002 C	< 0.002 C	< 0.002	< 0.002	< 0.002	< 0.002 B	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.000081	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.000081	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.00806	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.000242	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.000161	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.000081	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.00806	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.00806	< 0.01	< 0.0004	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.000323	< 0.0004	< 0.01	< 0.0004	< 0.0004	< 0.0004	**0.000955**	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.000484	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.000161	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	**0.52**	**1.2**	**0.45 J**	**0.21 J**	< 0.5 S
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.12 J**	< 1 S
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.43 J**	< 1 S
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2 B	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.11 J**	< 1 S
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2 S
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**0.54 J**	< 2 S

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

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

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

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

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

GW-25 Analyte	Unit	Remediation Objective (RO)	Result 2/19/2020	Result 5/13/2020	Result 8/14/2020	Result (DUP) 8/14/2020	Result 8/14/2020	Result 11/11/2020	Result 2/23/2021	Result 5/12/2021	Result 8/11/2021	Result 11/8/2021	Result 2/15/2022	Result 5/10/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.000075	< 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	< 0.000075	< 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	< 0.000226	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.000075	< 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	< 0.000075	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.00015	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.000075	< 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	< 0.0015 C	< 0.002 C	< 0.002 C	< 0.002 C	< 0.002 C	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.000075	< 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	< 0.000075	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.00752	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	**0.012** J
Fluoranthene	mg/L	0.28	< 0.0002	< 0.000226	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.00015	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.000075	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 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	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.00752	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.000301	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.000451	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 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	< 0.0002	< 0.0002	< 0.0002 B
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 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	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.11** J	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.48** J	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 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	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.1** J	< 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	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**0.58** J	< 2	< 2

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

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

GW-26 Analyte	Unit	Remediation Objective (RO)	Result 2/19/2020	Result 5/13/2020	Result 8/13/2020	Result 11/10/2020	Result 2/24/2021	Result 5/11/2021	Result 8/12/2021	Result 11/8/2021	Result 2/15/2022
Acenaphthene	mg/L	0.42	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000072 J**	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.000213	< 0.0003	< 0.0003	< 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	< 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	< 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**	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.000142	< 0.0002	< 0.0002	< 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	< 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	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.00709	< 0.01	< 0.01	< 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	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.000142	< 0.0002	< 0.0002	< 0.0002	< 0.0002	**0.000215**	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.000071	**0.000082 J**	< 0.0001	< 0.0002	< 0.0002	< 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	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.00709	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.000284	< 0.0004	< 0.0004	< 0.0004	< 0.0004	**0.00429**	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.000426	< 0.0006	< 0.0006	< 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	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.15 J**	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.52 J**	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2 B	**0.52 J**	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.12 J**	< 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	**0.64 J**	< 2

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GW-103S Analyte	Unit	Remediation Objective (RO)	Result 5/12/2015	Result 5/26/2016	Result (DUP) 5/26/2016	Result 5/16/2017	Result 5/9/2018	Result 5/6/2019	Result (DUP) 5/6/2019	Result 5/12/2020	Result 5/12/2021	Result 5/11/2022
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.000073	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.000073	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066 S	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.000219	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000073	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000073	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000073	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	**0.0001 J**	< 0.00076	< 0.00076	< 0.0001	< 0.0002	< 0.0002	< 0.000146	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000073	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	---	---	< 0.002	< 0.002	< 0.002	**0.002 J**	< 0.00146 C	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000073	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	**0.00008 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000073	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033 S	< 0.0033	< 0.0033	---	---	---	< 0.0073	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021 S	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.0002	< 0.000219	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.000146	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000073	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	---	---	< 0.0073	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.0001	---	---	---	---	---	---	< 0.0073	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	< 0.0002	< 0.0002	< 0.000292	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0064	< 0.0064 S	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.0004	< 0.000438	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0027	< 0.0027 S	< 0.0027	< 0.0027	< 0.0001	< 0.0002	< 0.0002	< 0.000146	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2 B	< 0.2	< 0.2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 1	< 2	< 2	< 2	< 2	< 2

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

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

GW-103D Analyte	Unit	Remediation Objective (RO)	Result 5/12/2015	Result 5/26/2016	Result 5/16/2017	Result 5/9/2018	Result (DUP) 5/9/2018	Result 5/6/2019	Result 5/12/2020	Result - DUP 5/12/2020	Result 5/12/2021	Result 5/11/2022
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000294	< 0.00024	< 0.000214	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.000588	< 0.00016	< 0.000143	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0013** J	---	< 0.002	< 0.002	< 0.002	< 0.00588	< 0.0016 C	< 0.00143 C	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	---	< 0.008	< 0.00714	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000588	< 0.00024	< 0.000214	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000294	< 0.00016	< 0.000143	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000294	< 0.00008	< 0.000071	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	---	< 0.008	< 0.00714	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.0001	---	---	---	---	---	< 0.008	< 0.00714	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	< 0.00059	< 0.00032	< 0.000286	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.00118	< 0.00048	< 0.000429	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0001	< 0.000588	< 0.00016	< 0.000143	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	**0.2** B	< 0.2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 2	< 2 B	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 1	< 1 B	< 2	< 2	< 2	< 2	< 2

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

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

QC Samples Analyte	Unit	Remediation Objective (RO)	Field Blank 1 Result 5/13/2020	Field Blank 1 Result 8/12/2020	Field Blank 2 Result 8/14/2020	Field Blank 1 Result 11/9/2020	Field Blank 1 Result 2/24/2021	Trip Blank 1 Result 8/12/2021	Trip Blank 2 Result 8/12/2021	Trip Blank 1 Result 11/10/2021	Trip Blank 2 Result 11/10/2021	Field Blank 1 Result 11/9/2021	Trip Blank 1 Result 2/17/2022	Trip Blank 2 Result 2/17/2022	Trip Blank 1 Result 5/12/2022	Trip Blank 2 Result 5/12/2022
Acenaphthene	mg/L	0.42	**0.000193**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA	NA	NA	< 0.0001	NA	NA	NA	NA
Acenaphthylene	mg/L	-	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA	NA	NA	< 0.0001	NA	NA	NA	NA
Anthracene	mg/L	2.1	< 0.000231	< 0.0003	< 0.0003	< 0.0003	< 0.0003	NA	NA	NA	NA	< 0.0003	NA	NA	NA	NA
Benzo(a)anthracene	mg/L	0.00013	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA	NA	NA	< 0.0001	NA	NA	NA	NA
Benzo(a)pyrene	mg/L	0.0002	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0002	NA	NA	NA	NA	< 0.0002	NA	NA	NA	NA
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA	NA	NA	< 0.0001	NA	NA	NA	NA
Benzo(g,h,i)perylene	mg/L	-	< 0.000154	< 0.0002	< 0.0002	< 0.0002	< 0.0002	NA	NA	NA	NA	< 0.0002	NA	NA	NA	NA
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA	NA	NA	< 0.0001	NA	NA	NA	NA
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.00154 C	< 0.002 C	< 0.002 C	< 0.002 C	< 0.002	NA	NA	NA	NA	**0.002 BJ**	NA	NA	NA	NA
Chrysene	mg/L	0.0015	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA	NA	NA	< 0.0001	NA	NA	NA	NA
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0002	NA	NA	NA	NA	< 0.0002	NA	NA	NA	NA
Di-n-butyl phthalate	mg/L	0.7	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01	NA	NA	NA	NA	< 0.01	NA	NA	NA	NA
Fluoranthene	mg/L	0.28	< 0.000231	< 0.0003	< 0.0003	< 0.0003	< 0.0003	NA	NA	NA	NA	< 0.0003	NA	NA	NA	NA
Fluorene	mg/L	0.28	**0.000311**	< 0.0002	< 0.0002	< 0.0002	< 0.0002	NA	NA	NA	NA	< 0.0002	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000077	< 0.0001	**0.000078 J**	< 0.0001	< 0.0002	NA	NA	NA	NA	< 0.0002	NA	NA	NA	NA
m,p-Cresol	mg/L	-	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01	NA	NA	NA	NA	< 0.01	NA	NA	NA	NA
o-Cresol	mg/L	0.35	< 0.00769	< 0.01	< 0.01	< 0.0004	< 0.0004	NA	NA	NA	NA	< 0.0004	NA	NA	NA	NA
Naphthalene	mg/L	0.14	< 0.000308	< 0.0004	< 0.0004	< 0.01	< 0.01	NA	NA	NA	NA	< 0.01	NA	NA	NA	NA
Phenanthrene	mg/L	-	< 0.000462	< 0.0006	< 0.0006	< 0.0006	< 0.0006	NA	NA	NA	NA	< 0.0006	NA	NA	NA	NA
Pyrene	mg/L	0.21	< 0.000154	< 0.0002	< 0.0002	< 0.0002	< 0.0002	NA	NA	NA	NA	< 0.0002	NA	NA	NA	NA
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 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	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.21 J**	**0.2 J**	**0.12 J**	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	0.29 J	< 1	< 1	**0.21 J**	**0.85 J**	**0.93 J**	**0.37 J**	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2 B	< 2	< 2	< 2	**0.67 J**	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.16 J**	**0.19 J**	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**0.11 J**	**0.11 J**	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	0.29 J	< 2	< 2	< 2	**1 J**	**1.1 J**	**0.37 J**	< 2	< 2	< 2	< 2

Notes:
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mg/L = milligrams per liter
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