January 18, 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 Fourth Quarter, 2021 report for the Taylorville Manufactured Gas Plant Site. This report is a summary of events. Reports and notifications of events are reported in addition to this summary throughout the quarter.

Fourth Quarter – 2021 Events

- Fourth quarter 2021 groundwater samples collected in November 2021 (results attached).
- Fourth quarter 2021 pump and treat system samples (results attached).
- Disposal of 22 drums on October 15, 2021.
- Temporary shutdown of treatment system (12/30/21-01/05/22) due to a supply chain related shortage of filter bags.

First Quarter – 2022 Plans

- Collect First quarter groundwater samples in February.

Problems Encountered or Anticipated Problems

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

We have treated 1,315,008,792 gallons of groundwater through the system since startup until the end of December 2021. There has not been any migration of contamination off-site.

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

Sincerely,

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

Attachments

Attachments

Pumping Summary and Treatment Plant Results (October-December)

Monitoring Well Location Map

Year 2021 Quarter 4 Groundwater Sampling Results

MGP Pump & Treat System Summary
Taylorville, Illinois
October 2021

DATE	TOTALIZER READING	FLOW	EXTRACTION WELL	Water Level East	Water Level West
Oct-21	x100				
1	285,721,800	118,400	WEST	56	52
2	285,840,200	102,100	WEST	56	54
3	285,942,300	92,200	WEST	58	52
4	286,034,500	72,400	WEST	56	52
5	286,106,900	57,600	WEST	56	52
6	286,164,500	49,100	WEST	56	52
7	286,213,600	103,600	WEST	56	52
8	286,317,200	67,300	WEST	54	52
9	286,384,500	78,700	WEST	56	52
10	286,463,200	56,900	WEST	54	52
11	286,520,100	65,800	WEST	56	52
12	286,585,900	46,000	WEST	56	52
13	286,631,900	44,400	WEST	56	52
14	286,676,300	75,900	WEST	56	52
15	286,752,200	91,400	WEST	56	52
16	286,843,600	82,700	WEST	56	52
17	286,926,300	84,600	WEST	56	52
18	287,010,900	65,800	WEST	56	52
19	287,076,700	59,200	WEST	56	52
20	287,135,900	33,500	WEST	56	52
21	287,169,400	71,600	WEST	56	52
22	287,241,000	53,000	WEST	56	52
23	287,294,000	59,200	WEST	56	52
24	287,353,200	51,400	WEST	56	54
25	287,404,600	39,800	WEST	58	54
26	287,444,400	26,200	WEST	58	54
27	287,470,600	33,200	WEST	58	54
28	287,503,800	85,500	WEST	58	54
29	287,589,300	67,200	WEST	58	54
30	287,656,500	73,000	WEST	58	52
31	287,729,500	66,800	WEST	58	54
Nov-21	287,796,300				

Flow Data	**Gallons**
For Month	2,074,500
To Pond	0
Below Pond	2,074,500
Average	66,919
Maximum	118,400
Minimum	26,200
Total Through Sept	1,309,296,792
Total Through Oct	1,311,371,292

Maintenance Summary

Well Cleaning	None		
Vessel	**North**	**South**	
Carbon Change	None	None	
Cleaned Effluent Backwash Storage	None	None	
Back Washed Vessels		10/23/2020	
Changed Bag Filters	**North**	**Middle**	**South**
	Inoperable	10/1/2021	10/1/2021
	Inoperable	10/7/2021	10/7/2021
	Inoperable	10/14/2021	10/14/2021
	Inoperable	10/21/2021	10/21/2021
	Inoperable	10/28/2021	10/28/2021

Drum Disposal Yes, disposed of 22 Drums on 10/15/21

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
October 2021

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	10/5/2021		10/12/2021		10/20/2021		10/26/2021		Average		Maximum	
Lab pH		-	-	-	6.84		6.88		6.99		6.95		6.92		6.99	
Iron, Dissolved	mg/L	-	-	-	0.0677		0.227		0.795		0.0892		0.295		0.795	
Iron, Total	mg/L	-	-	-	2.33		2.44		2.74		2.43		2.49		2.74	
Acenaphthene	mg/L	-	-	0.42	0.0164		0.0179		0.0169		0.0162		0.0169		0.0179	
Acenaphthylene	mg/L	-	-	-	0.00420		0.00499		0.00712		0.00432		0.00516		0.00712	
Anthracene	mg/L	-	-	2.1	0.00311	B	0.00301		0.00298		0.00289		0.00300		0.00311	B
Benzo(a)anthracene	mg/L	-	-	0.00013	**0.00017**		**0.000162**		**0.000162**		**0.00017**		**0.000166**		**0.000170**	
Benzo(a)pyrene	mg/L	-	-	0.00023	ND		ND		ND		ND		ND		ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND		0.000105		0.000105		0.000105	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		0.00012	J	0.00012	J	0.00012	J
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		0.000054	J	0.000054	J	0.000054	J
Chrysene	mg/L	-	-	-	0.000125		0.000126		0.000133		0.000133		0.000129		0.000133	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Fluoranthene	mg/L	-	-	0.28	0.00242		0.00234		0.00248		0.00226		0.00238		0.00248	
Fluorene	mg/L	-	-	-	0.00824		0.00908		0.00752		0.0087		0.00839		0.00908	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
m,p-Cresol	mg/L	-	-	0.35	0.00110	J	0.00091	J	0.00110	J	ND		0.00104	J	0.00110	J
o-Cresol	mg/L	-	-	0.35	0.0164		0.0083	J	0.0157		0.0064	J	0.0117		0.0164	
Phenanthrene	mg/L	-	-	-	0.0171		0.017		0.0143		0.0141		0.0156		0.0171	
Pyrene	mg/L	-	-	-	0.00303		0.00298		0.00302		0.00273		0.00294		0.00303	
Total PNAs except Naphthalene	mg/L	-	-	-	0.0548		0.0576		0.0546		0.0518		0.0547		0.0576	
Benzene	µg/L	-	-	5	**323**		**295**		**286**		**233**		**284**		**323**	
Ethylbenzene	µg/L	-	-	700	68		48.9		48.0		33.7		49.7		68.0	
m,p-Xylenes	µg/L	-	-	-	54.5		46.9		46.8		41.0		47.3		54.5	
Naphthalene	µg/L	-	-	25	**344**		**344**		**343**		**254**		**321**		**344**	
o-Xylene	µg/L	-	-	-	25.3		24.8		23.9		22.1		24.0		25.3	
Toluene	µg/L	-	-	1000	148		137		137		111		133		148	
Xylenes, Total	µg/L	-	-	10000	79.8		71.7		70.7		63.1		71.3		79.8	

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
October 2021

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	10/5/2021		10/12/2021		10/20/2021		10/26/2021		Average		Maximum	
Lab pH		-	-	-	6.86		6.87		7.02		7.06		6.95		7.06	
Iron, Dissolved	mg/L	-	-	-	ND		0.022	J	ND		0.0526		0.0373		0.0526	
Iron, Total	mg/L	-	-	-	0.0846		0.039	J	0.0608		0.0579		0.0606		0.0846	
Acenaphthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Acenaphthylene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Anthracene	mg/L	-	-	-	ND	B	ND		ND		ND		ND		ND	
Benzo(a)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Benzo(a)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Chrysene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Fluorene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
m,p-Cresol	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
o-Cresol	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Phenanthrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Total PNAs except Naphthalene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Benzene	µg/L	-	-	-	5.6		4.9		4.2		3.7		4.6		5.6	
Ethylbenzene	µg/L	-	-	-	ND		0.2	J	ND		0.1	J	0.2	J	0.2	J
m,p-Xylenes	µg/L	-	-	-	ND		0.7	J	0.2	J	0.5	J	0.5	J	0.7	J
Naphthalene	µg/L	-	-	-	0.8		0.5	J	0.6	J	0.5	J	0.6		0.8	
o-Xylene	µg/L	-	-	-	ND		0.2	J	ND		0.1	J	0.2	J	0.2	J
Toluene	µg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Xylenes, Total	µg/L	-	-	-	ND		0.9	J	ND		0.6	J	0.8	J	0.9	J

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

Effluent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
October 2021

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	10/5/2021		10/12/2021		10/20/2021		10/26/2021		Average		Maximum	
Lab pH		-	-	-	6.85		6.91		7.01		6.98		6.94		7.01	
Iron, Dissolved	mg/L	-	1	-	ND		ND		ND		ND		ND		ND	
Iron, Total	mg/L	2	4	-	ND		ND		ND		ND		ND		ND	
Acenaphthene	mg/L	-	0.0608	-	ND		ND		ND		ND		ND		ND	
Acenaphthylene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Anthracene	mg/L	-	0.0023	-	ND	B	ND		ND		ND		ND		ND	
Benzo(a)anthracene	mg/L	-	0.001	-	ND		ND		ND		ND		ND		ND	
Benzo(a)pyrene	mg/L	-	0.0005	-	ND		ND		ND		ND		ND		ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Chrysene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Fluoranthene	mg/L	0.053	0.398	-	ND		ND		ND		ND		ND		ND	
Fluorene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
m,p-Cresol	mg/L	-	1.9	-	ND		ND		ND		ND		ND		ND	
o-Cresol	mg/L	-	1.9	-	ND		ND		ND		ND		ND		ND	
Phenanthrene	mg/L	-	0.01	-	ND		ND		ND		ND		ND		ND	
Pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Total PNAs except Naphthalene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Benzene	µg/L	-	50	-	0.2	J	0.1	J	0.2	J	0.2	J	0.2	J	0.2	J
Ethylbenzene	µg/L	17	216	-	ND		0.2	J	ND		0.1	J	0.2	J	0.2	J
m,p-Xylenes	µg/L	-	-	-	ND		0.7	J	0.2	J	0.4	J	0.7	J	0.7	J
Naphthalene	µg/L	-	670	-	ND		ND		ND		ND		ND		ND	
o-Xylene	µg/L	-	-	-	ND		0.2	J	ND		0.1	J	0.2	J	0.2	J
Toluene	µg/L	70	750	-	ND		ND		ND		ND		ND		ND	
Xylenes, Total	µg/L	117	750	-	ND		0.9	J	ND		0.6	J	ND		ND	

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

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

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	10/5/2021	10/12/2021	10/20/2021	10/26/2021	Average	Maximum
Benzene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Ethylbenzene	µg/L	-	-	-	ND	0.3 J	0.3 J	0.2 J	0.3 J	0.3 J
m,p-Xylenes	µg/L	-	-	-	ND	1.0 J	1.1 J	0.7 J	0.9 J	1.1 J
Naphthalene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
o-Xylene	µg/L	-	-	-	ND	0.2 J	0.3 J	0.2 J	0.2 J	0.3 J
Toluene	µg/L	-	-	-	ND	ND	0.1 J	ND	0.1 J	0.1 J
Xylenes, Total	µg/L	-	-	-	ND	1.2	1.4	0.8 J	1.1	1.4

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

MGP Pump & Treat System Summary
Taylorville, Illinois
November 2021

DATE	TOTALIZER READING	FLOW	EXTRACTION WELL	Water Level East	Water Level West
Nov-21	x100				
1	287,796,300	51,700	WEST	58	54
2	287,848,000	35,600	WEST	56	54
3	287,883,600	35,700	WEST	56	54
4	287,919,300	67,900	WEST	56	54
5	287,987,200	103,000	WEST	56	54
6	288,090,200	77,000	WEST	56	52
7	288,167,200	65,800	WEST	56	54
8	288,233,000	57,000	WEST	56	54
9	288,290,000	55,700	WEST	56	54
10	288,345,700	45,400	WEST	56	54
11	288,391,100	97,700	WEST	56	54
12	288,488,800	56,700	WEST	56	54
13	288,545,500	57,000	WEST	56	54
14	288,602,500	59,700	WEST	56	54
15	288,662,200	45,400	WEST	56	54
16	288,707,600	55,000	WEST	56	54
17	288,762,600	38,400	WEST	56	52
18	288,801,000	61,100	WEST	54	52
19	288,862,100	78,100	WEST	54	48
20	288,940,200	66,400	WEST	54	50
21	289,006,600	70,300	WEST	54	52
22	289,076,900	52,100	WEST	56	52
23	289,129,000	28,900	WEST	56	52
24	289,157,900	85,200	WEST	54	52
25	289,243,100	89,500	WEST	54	50
26	289,332,600	61,600	WEST	54	52
27	289,394,200	59,900	WEST	54	50
28	289,454,100	54,400	WEST	54	52
29	289,508,500	41,100	WEST	50	52
30	289,549,600	65,500	WEST	52	52
Dec-21	289,615,100				

Flow Data	**Gallons**
For Month	1,818,800
To Pond	0
Below Pond	1,818,800
Average	60,627
Maximum	103,000
Minimum	28,900
Total Through Oct	1,311,371,292
Total Through Nov	1,313,190,092

Maintenance Summary

Well Cleaning	None		
Vessel	**North**	**South**	
Carbon Change	None	None	
Cleaned Effluent Backwash Storage	None	None	
Back Washed Vessels	11/16/2021	None	
Changed Bag Filters	**North**	**Middle**	**South**
	Inoperable	11/4/2021	11/4/2021
	Inoperable	11/11/2021	11/11/2021
	Inoperable	11/18/2021	11/18/2021
	Inoperable	11/24/2021	11/24/2021
Drum Disposal	None		

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
November 2021

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	11/3/2021		11/10/2021		11/16/2021		11/23/2021		Average		Maximum	
Lab pH		-	-	-	6.93		6.82		6.96		7.07		6.95		7.07	
Iron, Dissolved	mg/L	-	-	-	0.328		0.253		0.040		0.691		0.328		0.691	
Iron, Total	mg/L	-	-	-	2.45		2.42		2.13		2.16		2.29		2.45	
Acenaphthene	mg/L	-	-	0.42	0.0182		0.0186		0.0152		0.0174		0.0174		0.0186	
Acenaphthylene	mg/L	-	-	-	0.00782		0.00675		0.00406		0.00531		0.00599		0.00782	
Anthracene	mg/L	-	-	2.1	0.00312		0.00314	B	0.00293		0.00337		0.00314		0.00337	
Benzo(a)anthracene	mg/L	-	-	0.00013	**0.000168**		**0.000180**		**0.000178**		**0.000163**		**0.000172**		**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	-	-	-	0.000140		0.000150		0.000136		0.000109		0.000134		0.000150	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Fluoranthene	mg/L	-	-	0.28	0.00241		0.00250		0.00221		0.00273		0.00246		0.00273	
Fluorene	mg/L	-	-	-	0.00887		0.00770		0.00702		0.00764		0.00781		0.00887	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
m,p-Cresol	mg/L	-	-	0.35	0.00130	J	0.00100	J	0.00070	J	0.00100	J	0.00100	J	0.00130	J
o-Cresol	mg/L	-	-	0.35	0.0195		0.0108		0.0061	J	0.0160		0.0131		0.0195	
Phenanthrene	mg/L	-	-	-	0.0186		0.0162		0.0136		0.0155		0.0160		0.0186	
Pyrene	mg/L	-	-	-	0.00315		0.00312		0.00275		0.00334		0.00309		0.00334	
Total PNAs except Naphthalene	mg/L	-	-	-	0.0624		0.0583		0.0481		0.0556		0.0561		0.0624	
Benzene	µg/L	-	-	5	**267**		**253**		**211**		**210**		**235**		**267**	
Ethylbenzene	µg/L	-	-	700	42.4		47.7		32.2		42.9		41.3		47.7	
m,p-Xylenes	µg/L	-	-	-	47.1		46.6		36.5		42.0		43.1		47.1	
Naphthalene	µg/L	-	-	25	**323**		**302**	B	**262**		**280**		**292**		**323**	
o-Xylene	µg/L	-	-	-	25.6		24.8		20.1		22.7		23.3		25.6	
Toluene	µg/L	-	-	1000	128.0		128.0		97.8		112.0		116.5		128.0	
Xylenes, Total	µg/L	-	-	10000	72.7		71.4		56.6		64.7		66.4		72.7	

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

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

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	11/3/2021		11/10/2021		11/16/2021		11/23/2021		Average		Maximum	
Lab pH		-	-	-	6.90		6.93		6.97		7.03		6.96		7.03	
Iron, Dissolved	mg/L	-	-	-	ND		0.0200	J	0.0340	J	0.0481		0.0340		0.0481	
Iron, Total	mg/L	-	-	-	ND		0.0532		0.0899		0.1400		0.0944		0.1400	
Acenaphthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Acenaphthylene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Anthracene	mg/L	-	-	-	ND		ND	B	ND		ND		ND		ND	
Benzo(a)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Benzo(a)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Chrysene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Fluorene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
m,p-Cresol	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
o-Cresol	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Phenanthrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Total PNAs except Naphthalene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Benzene	µg/L	-	-	-	3.6		3.3		3.2		15.0		6.3		15.0	
Ethylbenzene	µg/L	-	-	-	0.1	J	0.2	J	ND		ND		0.2	J	0.2	J
m,p-Xylenes	µg/L	-	-	-	0.5	J	0.6	J	0.3	J	0.3	J	0.4	J	0.6	J
Naphthalene	µg/L	-	-	-	0.5	J	0.6		ND		ND		0.6		0.6	
o-Xylene	µg/L	-	-	-	0.1	J	0.1	J	0.1	J	ND		0.1	J	0.1	J
Toluene	µg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Xylenes, Total	µg/L	-	-	-	0.6	J	0.7	J	0.4	J	0.3	J	0.5	J	0.7	J

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

Effluent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
November 2021

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	11/3/2021		11/10/2021		11/16/2021		11/23/2021		Average		Maximum	
Lab pH		-	-	-	6.89		6.95		6.97		6.88		6.92		6.97	
Iron, Dissolved	mg/L	-	1	-	ND		ND		ND		ND		ND		ND	
Iron, Total	mg/L	2	4	-	ND		ND		ND		ND		ND		ND	
Acenaphthene	mg/L	-	0.0608	-	ND		ND		ND		ND		ND		ND	
Acenaphthylene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND	
Anthracene	mg/L	-	0.0023	-	ND		ND	B	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		0.2	J	0.2	J	0.2	J	0.2	J	0.2	J
Ethylbenzene	µg/L	17	216	-	0.1	J	0.1	J	0.1	J	ND		0.1	J	0.1	J
m,p-Xylenes	µg/L	-	-	-	0.6	J	0.4	J	0.4	J	0.2	J	0.4	J	0.6	J
Naphthalene	µg/L	-	670	-	ND		0.4	BJ	ND		ND		0.4	BJ	0.4	BJ
o-Xylene	µg/L	-	-	-	0.1	J	0.1	J	0.1	J	ND		0.1	J	0.1	J
Toluene	µg/L	70	750	-	ND		ND		ND		ND		ND		ND	
Xylenes, Total	µg/L	117	750	-	0.8	J	0.5	J	0.5	J	ND		0.6	J	0.8	J

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

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

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	11/3/2021	11/10/2021	11/16/2021	11/23/2021	Average	Maximum
Benzene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND
Ethylbenzene	µg/L	-	-	-	0.3 J	0.1 J	0.1 J	0.2 J	0.2 J	0.3 J
m,p-Xylenes	µg/L	-	-	-	1.2 J	0.5 J	0.4 J	0.5 J	0.7 J	1.2 J
Naphthalene	µg/L	-	-	-	ND	0.4 B,J	ND	ND	0.4 B,J	0.4 B,J
o-Xylene	µg/L	-	-	-	0.3 J	0.1 J	0.1 J	0.1 J	0.2 J	0.3 J
Toluene	µg/L	-	-	-	0.1 J	ND	ND	ND	0.1 J	0.1 J
Xylenes, Total	µg/L	-	-	-	1.5	0.6 J	0.5 J	0.6 J	0.8	1.5

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

MGP Pump & Treat System Summary
Taylorville, Illinois
December 2021

DATE	TOTALIZER READING	FLOW	EXTRACTION WELL	Water Level East	Water Level West
Dec-21	x100				
1	289,615,100	24,700	WEST	50	52
2	289,639,800	108,100	WEST	50	52
3	289,747,900	93,400	WEST	54	50
4	289,841,300	89,000	WEST	50	52
5	289,930,300	72,900	WEST	50	52
6	290,003,200	72,900	WEST	50	52
7	290,076,100	68,300	WEST	50	52
8	290,144,400	38,300	WEST	54	54
9	290,182,700	99,600	WEST	54	54
10	290,282,300	60,400	WEST	54	52
11	290,342,700	70,400	WEST	54	52
12	290,413,100	51,900	WEST	52	52
13	290,465,000	78,100	WEST	54	52
14	290,543,100	48,900	WEST	54	52
15	290,592,000	30,700	WEST	54	52
16	290,622,700	93,600	WEST	54	52
17	290,716,300	65,800	WEST	54	50
18	290,782,100	80,200	WEST	54	50
19	290,862,300	79,100	WEST	54	52
20	290,941,400	61,000	WEST	54	52
21	291,002,400	33,100	WEST	54	52
22	291,035,500	80,600	WEST	54	52
23	291,116,100	67,500	WEST	54	50
24	291,183,600	42,600	WEST	54	50
25	291,226,200	59,300	WEST	54	52
26	291,285,500	41,300	WEST	54	52
27	291,326,800	43,600	WEST	54	52
28	291,370,400	32,300	WEST	54	52
29	291,402,700	31,000	WEST	54	52
30	291,433,700	100	WEST	54	52
31	291,433,800	0	WEST	54	50
Jan-22	291,433,800				

Flow Data	**Gallons**
For Month	1,818,700
To Pond	0
Below Pond	1,818,700
Average	58,668
Maximum	108,100
Minimum	0
Total Through Nov	1,313,190,092
Total Through Dec	1,315,008,792

Maintenance Summary

Well Cleaning	None		
Vessel	**North**	**South**	
Carbon Change	None	None	
Cleaned Effluent Backwash Storage	None	None	
Back Washed Vessels	No		
Changed Bag Filters	**North**	**Middle**	**South**
	Inoperable	12/2/2021	12/2/2021
	Inoperable	12/9/2021	12/9/2021
	Inoperable	12/16/2021	12/16/2021
	Inoperable	12/22/2021	12/22/2021
Drum Disposal	None		

Note : System was down from 12/30/21 to 1/5/22 due to supply chain related shortage of filter bags.

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
December 2021

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	12/1/2021		12/8/2021		12/15/2021		12/21/2021		12/29/2021		Average		Maximum	
Lab pH		-	-	-	6.80		6.86		6.96		6.86		6.84		6.86		6.96	
Iron, Dissolved	mg/L	-	-	-	0.727		0.950		0.693		0.175		0.488		0.607		0.950	
Iron, Total	mg/L	-	-	-	2.59		2.26		2.09		2.26		1.93		2.23		2.59	
Acenaphthene	mg/L	-	-	0.42	0.0150		0.0162		0.0184		0.0175		0.0173		0.0169		0.0184	
Acenaphthylene	mg/L	-	-	-	0.00548		0.00483		0.00641		0.00527		0.00541		0.00548		0.00641	
Anthracene	mg/L	-	-	2.1	0.00290		0.00291		0.00325		0.00305		0.00311		0.00304		0.00325	
Benzo(a)anthracene	mg/L	-	-	0.00013	**0.000144**		**0.000156**		**0.000156**		**0.000166**		**0.000193**		**0.000163**		**0.000193**	
Benzo(a)pyrene	mg/L	-	-	0.00023	ND		ND		ND		ND		ND		ND		ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		0.000081	J	0.000081	J	0.000081	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	-	-	-	0.000125		0.000109		0.000129		0.000145		0.000151		0.000132		0.000145	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
Fluoranthene	mg/L	-	-	0.28	0.00228		0.00215		0.00247		0.00243		0.00255		0.00238		0.00255	
Fluorene	mg/L	-	-	-	0.00709		0.00832		0.00902		0.00918		0.00949		0.00862		0.00949	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
m,p-Cresol	mg/L	-	-	0.35	0.00076	J	0.00110	J	0.00320	J	0.00091	J	0.00078	J	0.00135		0.00320	J
o-Cresol	mg/L	-	-	0.35	0.0092	J	0.0163		0.0132		0.0114		0.0072	J	0.0115		0.0163	
Phenanthrene	mg/L	-	-	-	0.0136		0.0169		0.0183		0.0171		0.0188		0.0169		0.0188	
Pyrene	mg/L	-	-	-	0.00278		0.00268		0.00298		0.00301		0.00324		0.00294		0.00324	
Total PNAs except Naphthalene	mg/L	-	-	-	0.0526		0.0543		0.0612		0.0578		0.0603		0.0572		0.0612	
Benzene	µg/L	-	-	5	**195**		**228**		**200**		**254**		**183**		**212**		**254**	
Ethylbenzene	µg/L	-	-	700	32.8		44.1		40.4		51.0		27.2		39.1		51.0	
m,p-Xylenes	µg/L	-	-	-	39.6		40.1		41.9		46.6		36.2		40.9		46.6	
Naphthalene	µg/L	-	-	25	**252**		**260**		**356**		**294**	**B**	**264**		**285**		**356**	
o-Xylene	µg/L	-	-	-	20.9		20.9		22.0		23.8		19.0	J	21.3		23.8	
Toluene	µg/L	-	-	1000	94.5	B	111.0		112.0		128.0		85.0		106.1		128.0	
Xylenes, Total	µg/L	-	-	10000	60.5		61.0		63.9		70.4		55.2		62.2		70.4	

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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
December 2021

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	12/1/2021		12/8/2021		12/15/2021		12/21/2021		12/29/2021		Average		Maximum	
Lab pH		-	-	-	6.86		6.81		6.96		6.88		6.84		6.87		6.96	
Iron, Dissolved	mg/L	-	-	-	0.0370	J	0.0240	J	ND		ND		0.0516		0.0375		0.0516	
Iron, Total	mg/L	-	-	-	0.0270	J	ND		0.0497		0.0380	J	0.0761		0.0477		0.0761	
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		0.000064	J	ND		ND		ND		0.000064	J	0.000064	J
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	-	-	-	13.2		10.7		9.8		10.3		8.7		10.5		13.2	
Ethylbenzene	µg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
m,p-Xylenes	µg/L	-	-	-	0.2	J	0.4	J	0.3	J	0.2	J	ND		0.3		0.4	J
Naphthalene	µg/L	-	-	-	ND		0.4	J	0.6		ND		0.5	J	0.5		0.6	
o-Xylene	µg/L	-	-	-	ND		0.1	J	ND		ND		ND		0.1	J	0.1	J
Toluene	µg/L	-	-	-	ND	B	ND		ND		ND		ND		ND		ND	
Xylenes, Total	µg/L	-	-	-	ND		0.5	J	0.3	J	ND		ND		0.4		0.5	J

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

Effluent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
December 2021

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	12/1/2021		12/8/2021		12/15/2021		12/21/2021		12/29/2021		Average		Maximum	
Lab pH		-	-	-	6.87		6.87		6.96		6.88		6.9		6.90		6.96	
Iron, Dissolved	mg/L	-	1	-	ND		ND		ND		ND		ND		ND		ND	
Iron, Total	mg/L	2	4	-	ND		ND		ND		ND		0.021	J	0.021	J	0.021	J
Acenaphthene	mg/L	-	0.0608	-	ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
Anthracene	mg/L	-	0.0023	-	ND		ND		ND		ND		ND		ND		ND	
Benzo(a)anthracene	mg/L	-	0.001	-	ND		ND		ND		ND		ND		ND		ND	
Benzo(a)pyrene	mg/L	-	0.0005	-	ND		ND		ND		ND		ND		ND		ND	
Benzo(b)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
Benzo(g,h,i)perylene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
Benzo(k)fluoranthene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
Chrysene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
Fluoranthene	mg/L	0.053	0.398	-	ND		ND		ND		ND		ND		ND		ND	
Fluorene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
m,p-Cresol	mg/L	-	1.9	-	ND		ND		ND		ND		ND		ND		ND	
o-Cresol	mg/L	-	1.9	-	ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	mg/L	-	0.01	-	ND		ND		ND		ND		ND		ND		ND	
Pyrene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
Total PNAs except Naphthalene	mg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
Benzene	µg/L	-	50	-	0.2	J	0.2	J	0.2	J	0.2	J	ND		0.2	J	0.2	J
Ethylbenzene	µg/L	17	216	-	ND		ND		ND		ND		ND		ND		ND	
m,p-Xylenes	µg/L	-	-	-	0.3	J	0.3	J	0.2	J	0.3	J	ND		0.3		0.3	J
Naphthalene	µg/L	-	670	-	ND		ND		0.4	B,J	0.4	B,J	ND		0.4	B,J	0.4	B,J
o-Xylene	µg/L	-	-	-	ND		ND		ND		ND		ND		ND		ND	
Toluene	µg/L	70	750	-	ND		ND		ND		ND		ND		ND		ND	
Xylenes, Total	µg/L	117	750	-	ND		0.3	J	ND		ND		ND		0.3	J	0.3	J

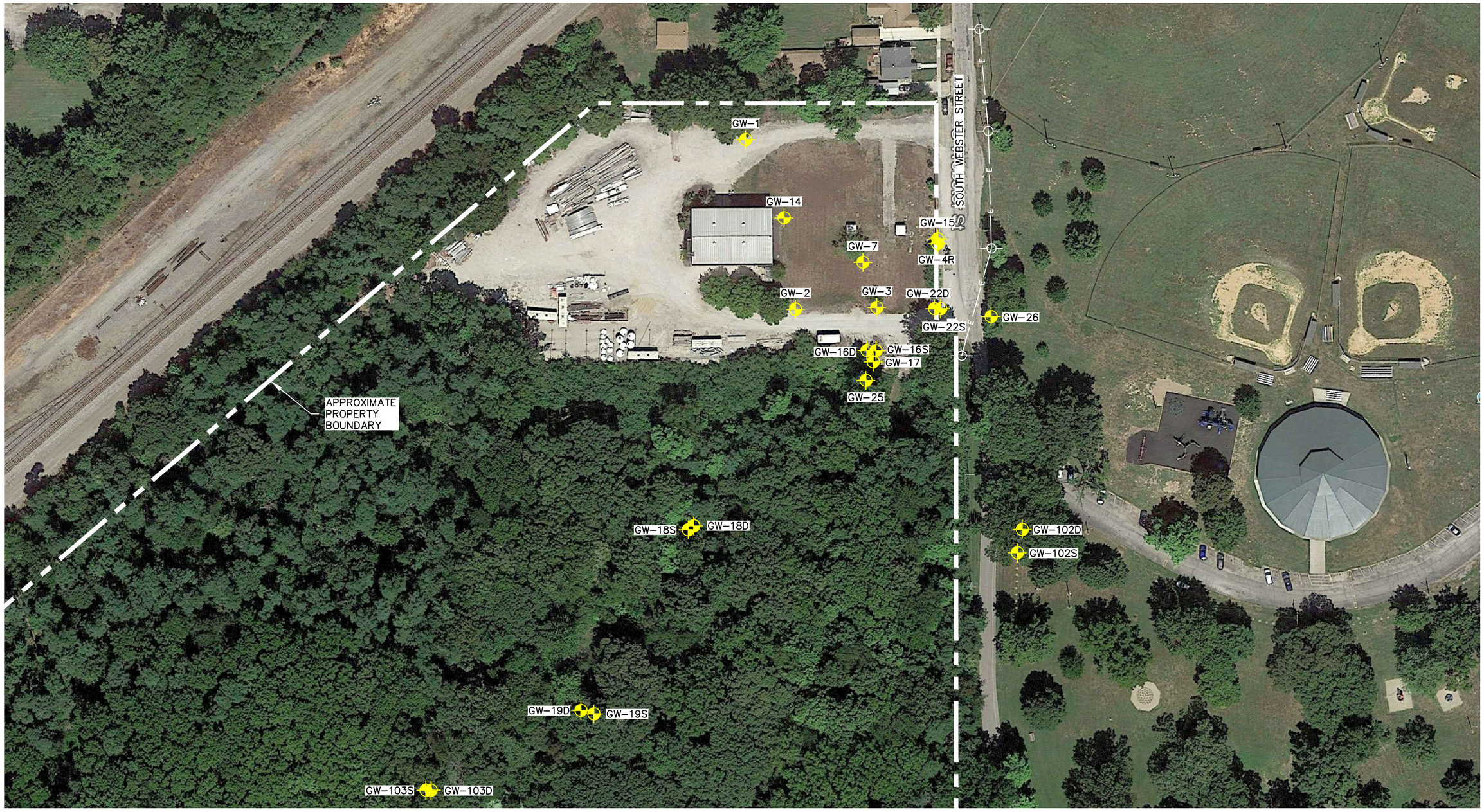
NA=Not analyzed
ND=Not detected above the project acceptable detection limit
*=Results not available
NS=Not sampled - system was offline for repairs 8/24/21 - 9/11/21.
J=Analyte detected below quantitation limits
B=Analyte found in the method blank at a concentration
E=Value above quantitation range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

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

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	12/1/2021	12/8/2021	12/15/2021	12/21/2021	12/29/2021	Average	Maximum
Benzene	µg/L	-	-	-	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	µg/L	-	-	-	ND	0.1 J	0.2 J	ND	ND	0.2	0.2 J
m,p-Xylenes	µg/L	-	-	-	0.4 J	0.4 J	0.7 J	0.3 J	ND	0.45	0.7 J
Naphthalene	µg/L	-	-	-	ND	ND	0.4 B,J	0.4 B,J	ND	0.4 B,J	0.4 B,J
o-Xylene	µg/L	-	-	-	ND	0.1 J	0.2 J	ND	ND	0.2	0.2 J
Toluene	µg/L	-	-	-	ND B	ND	0.2 J	ND	ND	0.2 J	0.2 J
Xylenes, Total	µg/L	-	-	-	0.4 J	0.5 J	0.9 J	0.3 J	ND	0.5	0.9 J

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

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)

December 21, 2021

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

RE: Year 2021 Quarter 4 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 fourth quarter of groundwater sampling in 2021 at the Taylorville site are provided in Attachment A. A summary of the data from 2015 to the present for each monitoring well is presented in Attachment B. The data for the current quarter is 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.

The Teklab analytical report dated November 18, 2021 for the Fourth Quarter 2021 event was revised on December 8, 2021 following the re-analysis for napthalene by SW-846 8260 for the samples collected at GW-05 and GW-07 at the request of ERM. Initial high concentrations of naphthalene reported at these locations was confirmed by Teklab to be the result of laboratory equipment carryover from the analysis of the sample from GW-04R, which contains the highest level of naphthalene detected onsite. Although the re-analysis was conducted out of hold time, the revised analytical results for GW-05 and GW-07 were below laboratory reporting limits.

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

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

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

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

Sincerely,

Matt Halley, CHMM
Senior Consultant

ATTACHMENT A

ANALYTICAL RESULTS
NOVEMBER 2021

December 08, 2021

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

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

RE: Ameren Taylorville 4th Qtr 2021 **WorkOrder:** 21110730

Dear Matt Halley:

TEKLAB, INC received 26 samples on 11/10/2021 1:50:00 PM for the analysis presented in the following report.

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

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

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

Sincerely,

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

Report Contents

http://www.teklabinc.com/

Client: ERM

Work Order: 21110730

Client Project: Ameren Taylorville 4th Qtr 2021

Report Date: 08-Dec-21

This reporting package includes the following:

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	5
Accreditations	6
Laboratory Results	7
Sample Summary	33
Dates Report	34
Quality Control Results	38
Receiving Check List	56
Chain of Custody	Appended

Client: ERM **Work Order:** 21110730

Client Project: Ameren Taylorville 4th Qtr 2021 **Report Date:** 08-Dec-21

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

Client: ERM

Work Order: 21110730

Client Project: Ameren Taylorville 4th Qtr 2021

Report Date: 08-Dec-21

Qualifiers

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

Case Narrative

http://www.teklabinc.com/

Client: ERM

Work Order: 21110730

Client Project: Ameren Taylorville 4th Qtr 2021

Report Date: 08-Dec-21

Cooler Receipt Temp: 0.6 °C

This report was revised on December 8, 2021 per Matt Halley's request for re-check of GW-05 and GW-07 Naphthalene by SW-846 8260. The reason for the revision is to include the re-analysis which confirmed carryover in the original run(s). Please replace report dated November 18, 2021 with this report. EAH 12/8/21

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: 21110730

Client Project: Ameren Taylorville 4th Qtr 2021

Report Date: 08-Dec-21

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

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 21110730
Client Project: Ameren Taylorville 4th Qtr 2021
Report Date: 08-Dec-21
Lab ID: 21110730-001
Client Sample ID: GW-01
Matrix: GROUNDWATER
Collection Date: 11/09/2021 9:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2021 12:09	184962
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	11/13/2021 12:09	184962
Anthracene	NELAP	0.000300		**ND**	mg/L	1	11/13/2021 12:09	184962
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/13/2021 12:09	184962
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	11/13/2021 12:09	184962
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2021 12:09	184962
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	11/13/2021 12:09	184962
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2021 12:09	184962
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	11/13/2021 12:09	184962
Chrysene	NELAP	0.000100		**ND**	mg/L	1	11/13/2021 12:09	184962
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	11/13/2021 12:09	184962
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	11/13/2021 12:09	184962
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	11/13/2021 12:09	184962
Fluorene	NELAP	0.000200		**ND**	mg/L	1	11/13/2021 12:09	184962
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	11/13/2021 12:09	184962
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2021 12:09	184962
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	11/13/2021 12:09	184962
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2021 12:09	184962
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	11/13/2021 12:09	184962
Pyrene	NELAP	0.000200		**ND**	mg/L	1	11/13/2021 12:09	184962
Surr: 2,4,6-Tribromophenol	*	10-179		**81.0**	%REC	1	11/13/2021 12:09	184962
Surr: 2-Fluorobiphenyl	*	21.4-142		**82.7**	%REC	1	11/13/2021 12:09	184962
Surr: 2-Fluorophenol	*	10-157		**69.0**	%REC	1	11/13/2021 12:09	184962
Surr: Nitrobenzene-d5	*	15-163		**80.8**	%REC	1	11/13/2021 12:09	184962
Surr: Phenol-d5	*	10-162		**65.9**	%REC	1	11/13/2021 12:09	184962
Surr: p-Terphenyl-d14	*	10-173		**86.6**	%REC	1	11/13/2021 12:09	184962
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	11/11/2021 14:27	184935
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/11/2021 14:27	184935
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	11/11/2021 14:27	184935
m,p-Xylenes	NELAP	1.0	J	**0.37**	µg/L	1	11/11/2021 14:27	184935
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/11/2021 14:27	184935
Naphthalene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 14:27	184935
o-Xylene	NELAP	1.00		**ND**	µg/L	1	11/11/2021 14:27	184935
Toluene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 14:27	184935
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 14:27	184935
Xylenes, Total	NELAP	2.0	J	**0.37**	µg/L	1	11/11/2021 14:27	184935
Surr: 1,2-Dichloroethane-d4	*	80-120		**101.8**	%REC	1	11/11/2021 14:27	184935
Surr: 4-Bromofluorobenzene	*	80-120		**100.5**	%REC	1	11/11/2021 14:27	184935
Surr: Dibromofluoromethane	*	80-120		**100.7**	%REC	1	11/11/2021 14:27	184935
Surr: Toluene-d8	*	80-120		**98.3**	%REC	1	11/11/2021 14:27	184935

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 21110730
Client Project: Ameren Taylorville 4th Qtr 2021
Report Date: 08-Dec-21
Lab ID: 21110730-002
Client Sample ID: GW-02
Matrix: GROUNDWATER
Collection Date: 11/09/2021 13:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 10:47	185011
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 10:47	185011
Anthracene	NELAP	0.000300		**ND**	mg/L	1	11/16/2021 10:47	185011
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 10:47	185011
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 10:47	185011
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 10:47	185011
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 10:47	185011
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 10:47	185011
Bis(2-ethylhexyl)phthalate	NELAP	0.00200	B	**ND**	mg/L	1	11/16/2021 10:47	185011
Chrysene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 10:47	185011
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 10:47	185011
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	11/16/2021 10:47	185011
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	11/16/2021 10:47	185011
Fluorene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 10:47	185011
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 10:47	185011
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/16/2021 10:47	185011
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	11/16/2021 10:47	185011
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/16/2021 10:47	185011
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	11/16/2021 10:47	185011
Pyrene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 10:47	185011
Surr: 2,4,6-Tribromophenol	*	10-179		**87.2**	%REC	1	11/16/2021 10:47	185011
Surr: 2-Fluorobiphenyl	*	21.4-142		**84.0**	%REC	1	11/16/2021 10:47	185011
Surr: 2-Fluorophenol	*	10-157		**65.7**	%REC	1	11/16/2021 10:47	185011
Surr: Nitrobenzene-d5	*	15-163		**82.3**	%REC	1	11/16/2021 10:47	185011
Surr: Phenol-d5	*	10-162		**62.9**	%REC	1	11/16/2021 10:47	185011
Surr: p-Terphenyl-d14	*	10-173		**97.9**	%REC	1	11/16/2021 10:47	185011

Contamination present in the MBLK for Bis(2-ethylhexyl)phthalate. Sample results below the reporting limit are reportable per the TNI Standard.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	11/11/2021 14:54	184935
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/11/2021 14:54	184935
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	11/11/2021 14:54	184935
m,p-Xylenes	NELAP	1.0	J	**0.35**	µg/L	1	11/11/2021 14:54	184935
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/11/2021 14:54	184935
Naphthalene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 14:54	184935
o-Xylene	NELAP	1.00		**ND**	µg/L	1	11/11/2021 14:54	184935
Toluene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 14:54	184935
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 14:54	184935
Xylenes, Total	NELAP	2.0	J	**0.35**	µg/L	1	11/11/2021 14:54	184935
Surr: 1,2-Dichloroethane-d4	*	80-120		**101.4**	%REC	1	11/11/2021 14:54	184935
Surr: 4-Bromofluorobenzene	*	80-120		**100.2**	%REC	1	11/11/2021 14:54	184935
Surr: Dibromofluoromethane	*	80-120		**100.7**	%REC	1	11/11/2021 14:54	184935
Surr: Toluene-d8	*	80-120		**99.1**	%REC	1	11/11/2021 14:54	184935

Laboratory Results

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Client: ERM
Work Order: 21110730
Client Project: Ameren Taylorville 4th Qtr 2021
Report Date: 08-Dec-21
Lab ID: 21110730-003
Client Sample ID: GW-03
Matrix: GROUNDWATER
Collection Date: 11/09/2021 13:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**0.000681**	mg/L	1	11/16/2021 11:31	185011
Acenaphthylene	NELAP	0.000100		**0.00242**	mg/L	1	11/16/2021 11:31	185011
Anthracene	NELAP	0.00030	J	**0.00023**	mg/L	1	11/16/2021 11:31	185011
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 11:31	185011
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 11:31	185011
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 11:31	185011
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 11:31	185011
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 11:31	185011
Bis(2-ethylhexyl)phthalate	NELAP	0.0020	BJ	**0.0019**	mg/L	1	11/16/2021 11:31	185011
Chrysene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 11:31	185011
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 11:31	185011
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	11/16/2021 11:31	185011
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	11/16/2021 11:31	185011
Fluorene	NELAP	0.000200		**0.00178**	mg/L	1	11/16/2021 11:31	185011
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 11:31	185011
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/16/2021 11:31	185011
Naphthalene	NELAP	0.0400		**0.129**	mg/L	100	11/18/2021 10:02	185011
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/16/2021 11:31	185011
Phenanthrene	NELAP	0.000600		**0.000785**	mg/L	1	11/16/2021 11:31	185011
Pyrene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 11:31	185011
Surr: 2,4,6-Tribromophenol	*	10-179		**98.9**	%REC	1	11/16/2021 11:31	185011
Surr: 2-Fluorobiphenyl	*	21.4-142		**76.8**	%REC	1	11/16/2021 11:31	185011
Surr: 2-Fluorophenol	*	10-157		**52.4**	%REC	1	11/16/2021 11:31	185011
Surr: Nitrobenzene-d5	*	15-163		**75.2**	%REC	1	11/16/2021 11:31	185011
Surr: Phenol-d5	*	10-162		**48.3**	%REC	1	11/16/2021 11:31	185011
Surr: p-Terphenyl-d14	*	10-173		**91.0**	%REC	1	11/16/2021 11:31	185011

Contamination present in the MBLK for Bis(2-ethylhexyl)phthalate. Sample results below the reporting limit are reportable per the TNI Standard.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**11.2**	µg/L	1	11/11/2021 15:20	184935
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/11/2021 15:20	184935
Ethylbenzene	NELAP	1.00		**13.2**	µg/L	1	11/11/2021 15:20	184935
m,p-Xylenes	NELAP	1.00		**3.16**	µg/L	1	11/11/2021 15:20	184935
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/11/2021 15:20	184935
Naphthalene	NELAP	20.0		**224**	µg/L	10	11/12/2021 14:03	184974
o-Xylene	NELAP	1.00		**13.8**	µg/L	1	11/11/2021 15:20	184935
Toluene	NELAP	2.0	J	**2.0**	µg/L	1	11/11/2021 15:20	184935
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 15:20	184935
Xylenes, Total	NELAP	2.00		**17.0**	µg/L	1	11/11/2021 15:20	184935
Surr: 1,2-Dichloroethane-d4	*	80-120		**100.4**	%REC	1	11/11/2021 15:20	184935
Surr: 4-Bromofluorobenzene	*	80-120		**99.0**	%REC	1	11/11/2021 15:20	184935
Surr: Dibromofluoromethane	*	80-120		**99.2**	%REC	1	11/11/2021 15:20	184935
Surr: Toluene-d8	*	80-120		**99.2**	%REC	1	11/11/2021 15:20	184935

Laboratory Results

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Client: ERM
Work Order: 21110730
Client Project: Ameren Taylorville 4th Qtr 2021
Report Date: 08-Dec-21
Lab ID: 21110730-004
Client Sample ID: GW-04R
Matrix: GROUNDWATER
Collection Date: 11/09/2021 13:05

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.00500		**0.0274**	mg/L	50	11/16/2021 18:21	185011
Acenaphthylene	NELAP	0.00500		**0.00531**	mg/L	50	11/16/2021 18:21	185011
Anthracene	NELAP	0.000300		**0.000930**	mg/L	1	11/16/2021 12:12	185011
Benzo(a)anthracene	NELAP	0.000100		**0.000214**	mg/L	1	11/16/2021 12:12	185011
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 12:12	185011
Benzo(b)fluoranthene	NELAP	0.000100		**0.000226**	mg/L	1	11/16/2021 12:12	185011
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 12:12	185011
Benzo(k)fluoranthene	NELAP	0.00010	J	**0.000070**	mg/L	1	11/16/2021 12:12	185011
Bis(2-ethylhexyl)phthalate	NELAP	0.00200	B	**ND**	mg/L	1	11/16/2021 12:12	185011
Chrysene	NELAP	0.000100		**0.000754**	mg/L	1	11/16/2021 12:12	185011
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 12:12	185011
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	11/16/2021 12:12	185011
Fluoranthene	NELAP	0.000300		**0.00397**	mg/L	1	11/16/2021 12:12	185011
Fluorene	NELAP	0.0100		**0.0700**	mg/L	50	11/16/2021 18:21	185011
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 12:12	185011
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/16/2021 12:12	185011
Naphthalene	NELAP	0.400		**2.43**	mg/L	1000	11/17/2021 16:37	185011
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/16/2021 12:12	185011
Phenanthrene	NELAP	0.0300		**0.0542**	mg/L	50	11/16/2021 18:21	185011
Pyrene	NELAP	0.000200		**0.00190**	mg/L	1	11/16/2021 12:12	185011
Surr: 2,4,6-Tribromophenol	*	10-179		**88.5**	%REC	1	11/16/2021 12:12	185011
Surr: 2-Fluorobiphenyl	*	21.4-142		**62.5**	%REC	50	11/16/2021 18:21	185011
Surr: 2-Fluorophenol	*	10-157		**70.8**	%REC	1	11/16/2021 12:12	185011
Surr: Nitrobenzene-d5	*	15-163		**44.0**	%REC	50	11/16/2021 18:21	185011
Surr: Phenol-d5	*	10-162		**52.3**	%REC	1	11/16/2021 12:12	185011
Surr: p-Terphenyl-d14	*	10-173		**72.1**	%REC	1	11/16/2021 12:12	185011

Contamination present in the MBLK for Bis(2-ethylhexyl)phthalate. Sample results below the reporting limit are reportable per the TNI Standard.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	50.0		**798**	µg/L	100	11/12/2021 14:30	184974
Bromoform	NELAP	200		**ND**	µg/L	100	11/12/2021 14:30	184974
Ethylbenzene	NELAP	100		**331**	µg/L	100	11/12/2021 14:30	184974
m,p-Xylenes	NELAP	100		**166**	µg/L	100	11/12/2021 14:30	184974
Methylene chloride	NELAP	200		**ND**	µg/L	100	11/12/2021 14:30	184974
Naphthalene	NELAP	200		**3520**	µg/L	100	11/12/2021 14:30	184974
o-Xylene	NELAP	100		**178**	µg/L	100	11/12/2021 14:30	184974
Toluene	NELAP	200		**216**	µg/L	100	11/12/2021 14:30	184974
trans-1,2-Dichloroethene	NELAP	200		**ND**	µg/L	100	11/12/2021 14:30	184974
Xylenes, Total	NELAP	200		**344**	µg/L	100	11/12/2021 14:30	184974
Surr: 1,2-Dichloroethane-d4	*	80-120		**103.8**	%REC	100	11/12/2021 14:30	184974
Surr: 4-Bromofluorobenzene	*	80-120		**101.7**	%REC	100	11/12/2021 14:30	184974
Surr: Dibromofluoromethane	*	80-120		**96.9**	%REC	100	11/12/2021 14:30	184974
Surr: Toluene-d8	*	80-120		**105.0**	%REC	100	11/12/2021 14:30	184974

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

Laboratory Results

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Client: ERM
Work Order: 21110730
Client Project: Ameren Taylorville 4th Qtr 2021
Report Date: 08-Dec-21
Lab ID: 21110730-005
Client Sample ID: GW-05
Matrix: GROUNDWATER
Collection Date: 11/09/2021 9:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 12:53	185011
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 12:53	185011
Anthracene	NELAP	0.000300		**ND**	mg/L	1	11/16/2021 12:53	185011
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 12:53	185011
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 12:53	185011
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 12:53	185011
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 12:53	185011
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 12:53	185011
Bis(2-ethylhexyl)phthalate	NELAP	0.00200	B	**0.00213**	mg/L	1	11/16/2021 12:53	185011
Chrysene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 12:53	185011
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 12:53	185011
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	11/16/2021 12:53	185011
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	11/16/2021 12:53	185011
Fluorene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 12:53	185011
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 12:53	185011
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/16/2021 12:53	185011
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	11/16/2021 12:53	185011
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/16/2021 12:53	185011
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	11/16/2021 12:53	185011
Pyrene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 12:53	185011
Surr: 2,4,6-Tribromophenol	*	10-179		**98.6**	%REC	1	11/16/2021 12:53	185011
Surr: 2-Fluorobiphenyl	*	21.4-142		**72.6**	%REC	1	11/16/2021 12:53	185011
Surr: 2-Fluorophenol	*	10-157		**55.3**	%REC	1	11/16/2021 12:53	185011
Surr: Nitrobenzene-d5	*	15-163		**75.4**	%REC	1	11/16/2021 12:53	185011
Surr: Phenol-d5	*	10-162		**51.0**	%REC	1	11/16/2021 12:53	185011
Surr: p-Terphenyl-d14	*	10-173		**95.8**	%REC	1	11/16/2021 12:53	185011

Contamination present in MBLK for Bis(2-ethylhexyl)phthalate. Insufficient sample to re-extract.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	11/11/2021 16:12	184935
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/11/2021 16:12	184935
Ethylbenzene	NELAP	1.00		**1.21**	µg/L	1	11/11/2021 16:12	184935
m,p-Xylenes	NELAP	1.0	J	**0.99**	µg/L	1	11/11/2021 16:12	184935
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/11/2021 16:12	184935
Naphthalene	NELAP	2.00	H	**ND**	µg/L	1	12/03/2021 9:18	185600
o-Xylene	NELAP	1.0	J	**0.74**	µg/L	1	11/11/2021 16:12	184935
Toluene	NELAP	2.0	J	**0.30**	µg/L	1	11/11/2021 16:12	184935
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 16:12	184935
Xylenes, Total	NELAP	2.0	J	**1.7**	µg/L	1	11/11/2021 16:12	184935
Surr: 1,2-Dichloroethane-d4	*	80-120		**100.6**	%REC	1	11/11/2021 16:12	184935
Surr: 4-Bromofluorobenzene	*	80-120		**101.3**	%REC	1	11/11/2021 16:12	184935
Surr: Dibromofluoromethane	*	80-120		**100.5**	%REC	1	11/11/2021 16:12	184935
Surr: Toluene-d8	*	80-120		**99.0**	%REC	1	11/11/2021 16:12	184935

Sample required re-analysis out of hold time.

Laboratory Results

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Client: ERM
Work Order: 21110730
Client Project: Ameren Taylorville 4th Qtr 2021
Report Date: 08-Dec-21
Lab ID: 21110730-006
Client Sample ID: GW-07
Matrix: GROUNDWATER
Collection Date: 11/09/2021 15:05

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**0.000136**	mg/L	1	11/13/2021 12:50	184962
Acenaphthylene	NELAP	0.000100		**0.000186**	mg/L	1	11/13/2021 12:50	184962
Anthracene	NELAP	0.000300		**0.00146**	mg/L	1	11/13/2021 12:50	184962
Benzo(a)anthracene	NELAP	0.000100		**0.000235**	mg/L	1	11/13/2021 12:50	184962
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	11/13/2021 12:50	184962
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2021 12:50	184962
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	11/13/2021 12:50	184962
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2021 12:50	184962
Bis(2-ethylhexyl)phthalate	NELAP	0.00200	S	**0.00403**	mg/L	1	11/13/2021 12:50	184962
Chrysene	NELAP	0.000100		**0.000170**	mg/L	1	11/13/2021 12:50	184962
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	11/13/2021 12:50	184962
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	11/13/2021 12:50	184962
Fluoranthene	NELAP	0.000300		**0.00164**	mg/L	1	11/13/2021 12:50	184962
Fluorene	NELAP	0.000200		**0.000390**	mg/L	1	11/13/2021 12:50	184962
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	11/13/2021 12:50	184962
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2021 12:50	184962
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	11/13/2021 12:50	184962
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2021 12:50	184962
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	11/13/2021 12:50	184962
Pyrene	NELAP	0.000200		**0.00260**	mg/L	1	11/13/2021 12:50	184962
Surr: 2,4,6-Tribromophenol	*	10-179		**99.0**	%REC	1	11/13/2021 12:50	184962
Surr: 2-Fluorobiphenyl	*	21.4-142		**83.8**	%REC	1	11/13/2021 12:50	184962
Surr: 2-Fluorophenol	*	10-157		**75.3**	%REC	1	11/13/2021 12:50	184962
Surr: Nitrobenzene-d5	*	15-163		**84.6**	%REC	1	11/13/2021 12:50	184962
Surr: Phenol-d5	*	10-162		**70.6**	%REC	1	11/13/2021 12:50	184962
Surr: p-Terphenyl-d14	*	10-173		**109.7**	%REC	1	11/13/2021 12:50	184962

Matrix spike did not recover within control limits due to matrix interference.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	11/11/2021 16:38	184935
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/11/2021 16:38	184935
Ethylbenzene	NELAP	1.0	J	**0.32**	µg/L	1	11/11/2021 16:38	184935
m,p-Xylenes	NELAP	1.0	J	**0.54**	µg/L	1	11/11/2021 16:38	184935
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/11/2021 16:38	184935
Naphthalene	NELAP	2.00	H	**ND**	µg/L	1	12/03/2021 9:45	185600
o-Xylene	NELAP	1.0	J	**0.21**	µg/L	1	11/11/2021 16:38	184935
Toluene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 16:38	184935
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 16:38	184935
Xylenes, Total	NELAP	2.0	J	**0.75**	µg/L	1	11/11/2021 16:38	184935
Surr: 1,2-Dichloroethane-d4	*	80-120		**100.8**	%REC	1	11/11/2021 16:38	184935
Surr: 4-Bromofluorobenzene	*	80-120		**102.8**	%REC	1	11/11/2021 16:38	184935
Surr: Dibromofluoromethane	*	80-120		**100.0**	%REC	1	11/11/2021 16:38	184935
Surr: Toluene-d8	*	80-120		**98.5**	%REC	1	11/11/2021 16:38	184935

Sample required re-analysis out of hold time.

Laboratory Results

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Client: ERM
Work Order: 21110730
Client Project: Ameren Taylorville 4th Qtr 2021
Report Date: 08-Dec-21
Lab ID: 21110730-007
Client Sample ID: GW-14
Matrix: GROUNDWATER
Collection Date: 11/09/2021 16:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 13:34	185011
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 13:34	185011
Anthracene	NELAP	0.000300		**ND**	mg/L	1	11/16/2021 13:34	185011
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 13:34	185011
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 13:34	185011
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 13:34	185011
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 13:34	185011
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 13:34	185011
Bis(2-ethylhexyl)phthalate	NELAP	0.0100	B	**0.0200**	mg/L	5	11/17/2021 17:19	185011
Chrysene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 13:34	185011
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 13:34	185011
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	11/16/2021 13:34	185011
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	11/16/2021 13:34	185011
Fluorene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 13:34	185011
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 13:34	185011
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/16/2021 13:34	185011
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	11/16/2021 13:34	185011
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/16/2021 13:34	185011
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	11/16/2021 13:34	185011
Pyrene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 13:34	185011
Surr: 2,4,6-Tribromophenol	*	10-179		**91.7**	%REC	1	11/16/2021 13:34	185011
Surr: 2-Fluorobiphenyl	*	21.4-142		**74.2**	%REC	1	11/16/2021 13:34	185011
Surr: 2-Fluorophenol	*	10-157		**47.1**	%REC	1	11/16/2021 13:34	185011
Surr: Nitrobenzene-d5	*	15-163		**76.6**	%REC	1	11/16/2021 13:34	185011
Surr: Phenol-d5	*	10-162		**46.8**	%REC	1	11/16/2021 13:34	185011
Surr: p-Terphenyl-d14	*	10-173		**83.0**	%REC	1	11/16/2021 13:34	185011

Contamination present in MBLK for Bis(2-ethylhexyl)phthalate. Insufficient sample to re-extract.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	11/11/2021 17:57	184935
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/11/2021 17:57	184935
Ethylbenzene	NELAP	1.0	J	**0.38**	µg/L	1	11/11/2021 17:57	184935
m,p-Xylenes	NELAP	1.0	J	**0.72**	µg/L	1	11/11/2021 17:57	184935
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/11/2021 17:57	184935
Naphthalene	NELAP	2.00		**2.53**	µg/L	1	11/11/2021 17:57	184935
o-Xylene	NELAP	1.0	J	**0.36**	µg/L	1	11/11/2021 17:57	184935
Toluene	NELAP	2.0	J	**0.19**	µg/L	1	11/11/2021 17:57	184935
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 17:57	184935
Xylenes, Total	NELAP	2.0	J	**1.1**	µg/L	1	11/11/2021 17:57	184935
Surr: 1,2-Dichloroethane-d4	*	80-120		**100.4**	%REC	1	11/11/2021 17:57	184935
Surr: 4-Bromofluorobenzene	*	80-120		**101.7**	%REC	1	11/11/2021 17:57	184935
Surr: Dibromofluoromethane	*	80-120		**100.0**	%REC	1	11/11/2021 17:57	184935
Surr: Toluene-d8	*	80-120		**98.9**	%REC	1	11/11/2021 17:57	184935

Laboratory Results

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Client: ERM
Work Order: 21110730
Client Project: Ameren Taylorville 4th Qtr 2021
Report Date: 08-Dec-21
Lab ID: 21110730-008
Client Sample ID: GW-15
Matrix: GROUNDWATER
Collection Date: 11/09/2021 12:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 14:15	185011
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 14:15	185011
Anthracene	NELAP	0.000300		**ND**	mg/L	1	11/16/2021 14:15	185011
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 14:15	185011
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 14:15	185011
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 14:15	185011
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 14:15	185011
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 14:15	185011
Bis(2-ethylhexyl)phthalate	NELAP	0.00200	B	**ND**	mg/L	1	11/16/2021 14:15	185011
Chrysene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 14:15	185011
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 14:15	185011
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	11/16/2021 14:15	185011
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	11/16/2021 14:15	185011
Fluorene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 14:15	185011
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 14:15	185011
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/16/2021 14:15	185011
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	11/16/2021 14:15	185011
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/16/2021 14:15	185011
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	11/16/2021 14:15	185011
Pyrene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 14:15	185011
Surr: 2,4,6-Tribromophenol	*	10-179		**81.5**	%REC	1	11/16/2021 14:15	185011
Surr: 2-Fluorobiphenyl	*	21.4-142		**72.4**	%REC	1	11/16/2021 14:15	185011
Surr: 2-Fluorophenol	*	10-157		**54.0**	%REC	1	11/16/2021 14:15	185011
Surr: Nitrobenzene-d5	*	15-163		**74.8**	%REC	1	11/16/2021 14:15	185011
Surr: Phenol-d5	*	10-162		**50.8**	%REC	1	11/16/2021 14:15	185011
Surr: p-Terphenyl-d14	*	10-173		**85.2**	%REC	1	11/16/2021 14:15	185011

Contamination present in the MBLK for Bis(2-ethylhexyl)phthalate. Sample results below the reporting limit are reportable per the TNI Standard.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	11/11/2021 18:23	184935
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/11/2021 18:23	184935
Ethylbenzene	NELAP	1.0	J	**0.16**	µg/L	1	11/11/2021 18:23	184935
m,p-Xylenes	NELAP	1.0	J	**0.43**	µg/L	1	11/11/2021 18:23	184935
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/11/2021 18:23	184935
Naphthalene	NELAP	2.0	J	**1.6**	µg/L	1	11/11/2021 18:23	184935
o-Xylene	NELAP	1.0	J	**0.13**	µg/L	1	11/11/2021 18:23	184935
Toluene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 18:23	184935
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 18:23	184935
Xylenes, Total	NELAP	2.0	J	**0.56**	µg/L	1	11/11/2021 18:23	184935
Surr: 1,2-Dichloroethane-d4	*	80-120		**100.4**	%REC	1	11/11/2021 18:23	184935
Surr: 4-Bromofluorobenzene	*	80-120		**100.9**	%REC	1	11/11/2021 18:23	184935
Surr: Dibromofluoromethane	*	80-120		**99.5**	%REC	1	11/11/2021 18:23	184935
Surr: Toluene-d8	*	80-120		**99.6**	%REC	1	11/11/2021 18:23	184935

Laboratory Results

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Client: ERM
Work Order: 21110730
Client Project: Ameren Taylorville 4th Qtr 2021
Report Date: 08-Dec-21
Lab ID: 21110730-009
Client Sample ID: GW-16S
Matrix: GROUNDWATER
Collection Date: 11/08/2021 15:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2021 14:54	184962
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	11/13/2021 14:54	184962
Anthracene	NELAP	0.000300		**ND**	mg/L	1	11/13/2021 14:54	184962
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/13/2021 14:54	184962
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	11/13/2021 14:54	184962
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2021 14:54	184962
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	11/13/2021 14:54	184962
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2021 14:54	184962
Bis(2-ethylhexyl)phthalate	NELAP	0.0020	J	**0.0016**	mg/L	1	11/13/2021 14:54	184962
Chrysene	NELAP	0.000100		**ND**	mg/L	1	11/13/2021 14:54	184962
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	11/13/2021 14:54	184962
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	11/13/2021 14:54	184962
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	11/13/2021 14:54	184962
Fluorene	NELAP	0.000200		**ND**	mg/L	1	11/13/2021 14:54	184962
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	11/13/2021 14:54	184962
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2021 14:54	184962
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	11/13/2021 14:54	184962
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2021 14:54	184962
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	11/13/2021 14:54	184962
Pyrene	NELAP	0.000200		**ND**	mg/L	1	11/13/2021 14:54	184962
Surr: 2,4,6-Tribromophenol	*	10-179		**77.6**	%REC	1	11/13/2021 14:54	184962
Surr: 2-Fluorobiphenyl	*	21.4-142		**75.0**	%REC	1	11/13/2021 14:54	184962
Surr: 2-Fluorophenol	*	10-157		**56.7**	%REC	1	11/13/2021 14:54	184962
Surr: Nitrobenzene-d5	*	15-163		**71.7**	%REC	1	11/13/2021 14:54	184962
Surr: Phenol-d5	*	10-162		**55.9**	%REC	1	11/13/2021 14:54	184962
Surr: p-Terphenyl-d14	*	10-173		**82.6**	%REC	1	11/13/2021 14:54	184962
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	11/11/2021 18:49	184935
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/11/2021 18:49	184935
Ethylbenzene	NELAP	1.0	J	**0.16**	µg/L	1	11/11/2021 18:49	184935
m,p-Xylenes	NELAP	1.0	J	**0.49**	µg/L	1	11/11/2021 18:49	184935
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/11/2021 18:49	184935
Naphthalene	NELAP	2.0	J	**1.2**	µg/L	1	11/11/2021 18:49	184935
o-Xylene	NELAP	1.0	J	**0.12**	µg/L	1	11/11/2021 18:49	184935
Toluene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 18:49	184935
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 18:49	184935
Xylenes, Total	NELAP	2.0	J	**0.61**	µg/L	1	11/11/2021 18:49	184935
Surr: 1,2-Dichloroethane-d4	*	80-120		**100.2**	%REC	1	11/11/2021 18:49	184935
Surr: 4-Bromofluorobenzene	*	80-120		**102.4**	%REC	1	11/11/2021 18:49	184935
Surr: Dibromofluoromethane	*	80-120		**100.6**	%REC	1	11/11/2021 18:49	184935
Surr: Toluene-d8	*	80-120		**99.0**	%REC	1	11/11/2021 18:49	184935

Laboratory Results

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Client: ERM
Work Order: 21110730
Client Project: Ameren Taylorville 4th Qtr 2021
Report Date: 08-Dec-21
Lab ID: 21110730-010
Client Sample ID: GW-16D
Matrix: GROUNDWATER
Collection Date: 11/08/2021 14:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2021 15:35	184962
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	11/13/2021 15:35	184962
Anthracene	NELAP	0.000300		**ND**	mg/L	1	11/13/2021 15:35	184962
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/13/2021 15:35	184962
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	11/13/2021 15:35	184962
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2021 15:35	184962
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	11/13/2021 15:35	184962
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2021 15:35	184962
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	11/13/2021 15:35	184962
Chrysene	NELAP	0.000100		**ND**	mg/L	1	11/13/2021 15:35	184962
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	11/13/2021 15:35	184962
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	11/13/2021 15:35	184962
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	11/13/2021 15:35	184962
Fluorene	NELAP	0.000200		**ND**	mg/L	1	11/13/2021 15:35	184962
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	11/13/2021 15:35	184962
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2021 15:35	184962
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	11/13/2021 15:35	184962
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2021 15:35	184962
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	11/13/2021 15:35	184962
Pyrene	NELAP	0.000200		**ND**	mg/L	1	11/13/2021 15:35	184962
Surr: 2,4,6-Tribromophenol	*	10-179		**97.0**	%REC	1	11/13/2021 15:35	184962
Surr: 2-Fluorobiphenyl	*	21.4-142		**85.1**	%REC	1	11/13/2021 15:35	184962
Surr: 2-Fluorophenol	*	10-157		**66.7**	%REC	1	11/13/2021 15:35	184962
Surr: Nitrobenzene-d5	*	15-163		**82.2**	%REC	1	11/13/2021 15:35	184962
Surr: Phenol-d5	*	10-162		**60.2**	%REC	1	11/13/2021 15:35	184962
Surr: p-Terphenyl-d14	*	10-173		**105.6**	%REC	1	11/13/2021 15:35	184962
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	11/11/2021 19:15	184935
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/11/2021 19:15	184935
Ethylbenzene	NELAP	1.0	J	**0.16**	µg/L	1	11/11/2021 19:15	184935
m,p-Xylenes	NELAP	1.0	J	**0.52**	µg/L	1	11/11/2021 19:15	184935
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/11/2021 19:15	184935
Naphthalene	NELAP	2.0	J	**0.92**	µg/L	1	11/11/2021 19:15	184935
o-Xylene	NELAP	1.0	J	**0.13**	µg/L	1	11/11/2021 19:15	184935
Toluene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 19:15	184935
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 19:15	184935
Xylenes, Total	NELAP	2.0	J	**0.65**	µg/L	1	11/11/2021 19:15	184935
Surr: 1,2-Dichloroethane-d4	*	80-120		**100.7**	%REC	1	11/11/2021 19:15	184935
Surr: 4-Bromofluorobenzene	*	80-120		**102.2**	%REC	1	11/11/2021 19:15	184935
Surr: Dibromofluoromethane	*	80-120		**100.7**	%REC	1	11/11/2021 19:15	184935
Surr: Toluene-d8	*	80-120		**99.1**	%REC	1	11/11/2021 19:15	184935

Laboratory Results

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Client: ERM
Work Order: 21110730
Client Project: Ameren Taylorville 4th Qtr 2021
Report Date: 08-Dec-21
Lab ID: 21110730-011
Client Sample ID: GW-17
Matrix: GROUNDWATER
Collection Date: 11/08/2021 15:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2021 16:17	184962
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	11/13/2021 16:17	184962
Anthracene	NELAP	0.000300		**ND**	mg/L	1	11/13/2021 16:17	184962
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/13/2021 16:17	184962
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	11/13/2021 16:17	184962
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2021 16:17	184962
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	11/13/2021 16:17	184962
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2021 16:17	184962
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	11/13/2021 16:17	184962
Chrysene	NELAP	0.000100		**ND**	mg/L	1	11/13/2021 16:17	184962
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	11/13/2021 16:17	184962
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	11/13/2021 16:17	184962
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	11/13/2021 16:17	184962
Fluorene	NELAP	0.000200		**ND**	mg/L	1	11/13/2021 16:17	184962
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	11/13/2021 16:17	184962
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2021 16:17	184962
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	11/13/2021 16:17	184962
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2021 16:17	184962
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	11/13/2021 16:17	184962
Pyrene	NELAP	0.000200		**ND**	mg/L	1	11/13/2021 16:17	184962
Surr: 2,4,6-Tribromophenol	*	10-179		**93.6**	%REC	1	11/13/2021 16:17	184962
Surr: 2-Fluorobiphenyl	*	21.4-142		**86.7**	%REC	1	11/13/2021 16:17	184962
Surr: 2-Fluorophenol	*	10-157		**70.0**	%REC	1	11/13/2021 16:17	184962
Surr: Nitrobenzene-d5	*	15-163		**82.2**	%REC	1	11/13/2021 16:17	184962
Surr: Phenol-d5	*	10-162		**64.8**	%REC	1	11/13/2021 16:17	184962
Surr: p-Terphenyl-d14	*	10-173		**99.2**	%REC	1	11/13/2021 16:17	184962
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	11/11/2021 12:40	184939
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/11/2021 12:40	184939
Ethylbenzene	NELAP	1.0	J	**0.12**	µg/L	1	11/11/2021 12:40	184939
m,p-Xylenes	NELAP	1.0	J	**0.53**	µg/L	1	11/11/2021 12:40	184939
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/11/2021 12:40	184939
Naphthalene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 12:40	184939
o-Xylene	NELAP	1.0	J	**0.12**	µg/L	1	11/11/2021 12:40	184939
Toluene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 12:40	184939
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 12:40	184939
Xylenes, Total	NELAP	2.0	J	**0.65**	µg/L	1	11/11/2021 12:40	184939
Surr: 1,2-Dichloroethane-d4	*	80-120		**104.7**	%REC	1	11/11/2021 12:40	184939
Surr: 4-Bromofluorobenzene	*	80-120		**101.1**	%REC	1	11/11/2021 12:40	184939
Surr: Dibromofluoromethane	*	80-120		**103.7**	%REC	1	11/11/2021 12:40	184939
Surr: Toluene-d8	*	80-120		**94.6**	%REC	1	11/11/2021 12:40	184939

LCS recovered outside upper control limits for Methylene chloride. Sample results are below the reporting limit. Data is reportable per the TNI Standard.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 21110730
Client Project: Ameren Taylorville 4th Qtr 2021
Report Date: 08-Dec-21
Lab ID: 21110730-012
Client Sample ID: GW-18S
Matrix: GROUNDWATER
Collection Date: 11/10/2021 11:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	11/17/2021 12:29	185052
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	11/17/2021 12:29	185052
Anthracene	NELAP	0.000300	B	**ND**	mg/L	1	11/17/2021 12:29	185052
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/17/2021 12:29	185052
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	11/17/2021 12:29	185052
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/17/2021 12:29	185052
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	11/17/2021 12:29	185052
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/17/2021 12:29	185052
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**0.00305**	mg/L	1	11/17/2021 12:29	185052
Chrysene	NELAP	0.000100		**ND**	mg/L	1	11/17/2021 12:29	185052
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	11/17/2021 12:29	185052
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	11/17/2021 12:29	185052
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	11/17/2021 12:29	185052
Fluorene	NELAP	0.000200		**ND**	mg/L	1	11/17/2021 12:29	185052
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	11/17/2021 12:29	185052
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/18/2021 12:08	185052
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	11/17/2021 12:29	185052
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/18/2021 12:08	185052
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	11/17/2021 12:29	185052
Pyrene	NELAP	0.000200		**ND**	mg/L	1	11/17/2021 12:29	185052
Surr: 2,4,6-Tribromophenol	*	10-179		**87.9**	%REC	1	11/17/2021 12:29	185052
Surr: 2-Fluorobiphenyl	*	21.4-142		**87.3**	%REC	1	11/17/2021 12:29	185052
Surr: 2-Fluorophenol	*	10-157		**70.6**	%REC	1	11/18/2021 12:08	185052
Surr: Nitrobenzene-d5	*	15-163		**79.3**	%REC	1	11/17/2021 12:29	185052
Surr: Phenol-d5	*	10-162		**67.5**	%REC	1	11/18/2021 12:08	185052
Surr: p-Terphenyl-d14	*	10-173		**106.0**	%REC	1	11/17/2021 12:29	185052

Fluorene recovered outside the upper LCSD control limits. Sample results are below the reporting limit. Data is reportable per the TNI Standard.
Contamination present in the MBLK for Anthracene. Sample results below the reporting limit are reportable per the TNI Standard.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	11/11/2021 13:07	184939
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/11/2021 13:07	184939
Ethylbenzene	NELAP	1.0	J	**0.11**	µg/L	1	11/11/2021 13:07	184939
m,p-Xylenes	NELAP	1.0	J	**0.39**	µg/L	1	11/11/2021 13:07	184939
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/11/2021 13:07	184939
Naphthalene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 13:07	184939
o-Xylene	NELAP	1.00		**ND**	µg/L	1	11/11/2021 13:07	184939
Toluene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 13:07	184939
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 13:07	184939
Xylenes, Total	NELAP	2.0	J	**0.39**	µg/L	1	11/11/2021 13:07	184939
Surr: 1,2-Dichloroethane-d4	*	80-120		**106.0**	%REC	1	11/11/2021 13:07	184939
Surr: 4-Bromofluorobenzene	*	80-120		**99.4**	%REC	1	11/11/2021 13:07	184939
Surr: Dibromofluoromethane	*	80-120		**103.2**	%REC	1	11/11/2021 13:07	184939
Surr: Toluene-d8	*	80-120		**93.8**	%REC	1	11/11/2021 13:07	184939

LCS recovered outside upper control limits for Methylene chloride. Sample results are below the reporting limit. Data is reportable per the TNI Standard.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 21110730
Client Project: Ameren Taylorville 4th Qtr 2021
Report Date: 08-Dec-21
Lab ID: 21110730-013
Client Sample ID: GW-18D
Matrix: GROUNDWATER
Collection Date: 11/10/2021 10:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	11/18/2021 11:26	185052
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	11/18/2021 11:26	185052
Anthracene	NELAP	0.000300	B	**ND**	mg/L	1	11/18/2021 11:26	185052
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/18/2021 11:26	185052
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	11/18/2021 11:26	185052
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/18/2021 11:26	185052
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	11/18/2021 11:26	185052
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/18/2021 11:26	185052
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	11/18/2021 11:26	185052
Chrysene	NELAP	0.000100		**ND**	mg/L	1	11/18/2021 11:26	185052
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	11/18/2021 11:26	185052
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	11/18/2021 11:26	185052
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	11/18/2021 11:26	185052
Fluorene	NELAP	0.000200		**ND**	mg/L	1	11/18/2021 11:26	185052
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	11/18/2021 11:26	185052
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/18/2021 11:26	185052
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	11/18/2021 11:26	185052
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/18/2021 11:26	185052
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	11/18/2021 11:26	185052
Pyrene	NELAP	0.000200		**ND**	mg/L	1	11/18/2021 11:26	185052
Surr: 2,4,6-Tribromophenol	*	10-179		**67.4**	%REC	1	11/18/2021 11:26	185052
Surr: 2-Fluorobiphenyl	*	21.4-142		**77.1**	%REC	1	11/18/2021 11:26	185052
Surr: 2-Fluorophenol	*	10-157		**66.1**	%REC	1	11/18/2021 11:26	185052
Surr: Nitrobenzene-d5	*	15-163		**82.0**	%REC	1	11/18/2021 11:26	185052
Surr: Phenol-d5	*	10-162		**60.9**	%REC	1	11/18/2021 11:26	185052
Surr: p-Terphenyl-d14	*	10-173		**102.7**	%REC	1	11/18/2021 11:26	185052

Fluorene recovered outside the upper LCSD control limits. Sample results are below the reporting limit. Data is reportable per the TNI Standard.
Contamination present in the MBLK for Anthracene. Sample results below the reporting limit are reportable per the TNI Standard.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	11/11/2021 13:34	184939
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/11/2021 13:34	184939
Ethylbenzene	NELAP	1.0	J	**0.13**	µg/L	1	11/11/2021 13:34	184939
m,p-Xylenes	NELAP	1.0	J	**0.41**	µg/L	1	11/11/2021 13:34	184939
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/11/2021 13:34	184939
Naphthalene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 13:34	184939
o-Xylene	NELAP	1.0	J	**0.13**	µg/L	1	11/11/2021 13:34	184939
Toluene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 13:34	184939
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 13:34	184939
Xylenes, Total	NELAP	2.0	J	**0.54**	µg/L	1	11/11/2021 13:34	184939
Surr: 1,2-Dichloroethane-d4	*	80-120		**105.4**	%REC	1	11/11/2021 13:34	184939
Surr: 4-Bromofluorobenzene	*	80-120		**98.6**	%REC	1	11/11/2021 13:34	184939
Surr: Dibromofluoromethane	*	80-120		**103.1**	%REC	1	11/11/2021 13:34	184939
Surr: Toluene-d8	*	80-120		**94.9**	%REC	1	11/11/2021 13:34	184939

LCS recovered outside upper control limits for Methylene chloride. Sample results are below the reporting limit. Data is reportable per the TNI Standard.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 21110730
Client Project: Ameren Taylorville 4th Qtr 2021
Report Date: 08-Dec-21
Lab ID: 21110730-014
Client Sample ID: GW-19S
Matrix: GROUNDWATER
Collection Date: 11/10/2021 9:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	11/17/2021 13:53	185052
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	11/17/2021 13:53	185052
Anthracene	NELAP	0.000300	B	**ND**	mg/L	1	11/17/2021 13:53	185052
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/17/2021 13:53	185052
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	11/17/2021 13:53	185052
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/17/2021 13:53	185052
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	11/17/2021 13:53	185052
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/17/2021 13:53	185052
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	11/17/2021 13:53	185052
Chrysene	NELAP	0.000100		**ND**	mg/L	1	11/17/2021 13:53	185052
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	11/17/2021 13:53	185052
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	11/17/2021 13:53	185052
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	11/17/2021 13:53	185052
Fluorene	NELAP	0.000200		**ND**	mg/L	1	11/17/2021 13:53	185052
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	11/17/2021 13:53	185052
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/17/2021 13:53	185052
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	11/17/2021 13:53	185052
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/17/2021 13:53	185052
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	11/17/2021 13:53	185052
Pyrene	NELAP	0.000200		**ND**	mg/L	1	11/17/2021 13:53	185052
Surr: 2,4,6-Tribromophenol	*	10-179		**114.6**	%REC	1	11/17/2021 13:53	185052
Surr: 2-Fluorobiphenyl	*	21.4-142		**78.6**	%REC	1	11/17/2021 13:53	185052
Surr: 2-Fluorophenol	*	10-157		**58.4**	%REC	1	11/17/2021 13:53	185052
Surr: Nitrobenzene-d5	*	15-163		**76.2**	%REC	1	11/17/2021 13:53	185052
Surr: Phenol-d5	*	10-162		**49.6**	%REC	1	11/17/2021 13:53	185052
Surr: p-Terphenyl-d14	*	10-173		**101.0**	%REC	1	11/17/2021 13:53	185052

Fluorene recovered outside the upper LCSD control limits. Sample results are below the reporting limit. Data is reportable per the TNI Standard.
Contamination present in the MBLK for Anthracene. Sample results below the reporting limit are reportable per the TNI Standard.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	11/11/2021 14:02	184939
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/11/2021 14:02	184939
Ethylbenzene	NELAP	1.0	J	**0.15**	µg/L	1	11/11/2021 14:02	184939
m,p-Xylenes	NELAP	1.0	J	**0.50**	µg/L	1	11/11/2021 14:02	184939
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/11/2021 14:02	184939
Naphthalene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 14:02	184939
o-Xylene	NELAP	1.0	J	**0.11**	µg/L	1	11/11/2021 14:02	184939
Toluene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 14:02	184939
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 14:02	184939
Xylenes, Total	NELAP	2.0	J	**0.61**	µg/L	1	11/11/2021 14:02	184939
Surr: 1,2-Dichloroethane-d4	*	80-120		**104.8**	%REC	1	11/11/2021 14:02	184939
Surr: 4-Bromofluorobenzene	*	80-120		**100.7**	%REC	1	11/11/2021 14:02	184939
Surr: Dibromofluoromethane	*	80-120		**103.1**	%REC	1	11/11/2021 14:02	184939
Surr: Toluene-d8	*	80-120		**94.1**	%REC	1	11/11/2021 14:02	184939

LCS recovered outside upper control limits for Methylene chloride. Sample results are below the reporting limit. Data is reportable per the TNI Standard.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 21110730
Client Project: Ameren Taylorville 4th Qtr 2021
Report Date: 08-Dec-21
Lab ID: 21110730-015
Client Sample ID: GW-19D
Matrix: GROUNDWATER
Collection Date: 11/10/2021 9:05

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	11/17/2021 15:15	185052
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	11/17/2021 15:15	185052
Anthracene	NELAP	0.000300	B	**ND**	mg/L	1	11/17/2021 15:15	185052
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/17/2021 15:15	185052
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	11/17/2021 15:15	185052
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/17/2021 15:15	185052
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	11/17/2021 15:15	185052
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/17/2021 15:15	185052
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	11/17/2021 15:15	185052
Chrysene	NELAP	0.000100		**ND**	mg/L	1	11/17/2021 15:15	185052
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	11/17/2021 15:15	185052
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	11/17/2021 15:15	185052
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	11/17/2021 15:15	185052
Fluorene	NELAP	0.000200		**ND**	mg/L	1	11/17/2021 15:15	185052
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	11/17/2021 15:15	185052
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/17/2021 15:15	185052
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	11/17/2021 15:15	185052
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/17/2021 15:15	185052
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	11/17/2021 15:15	185052
Pyrene	NELAP	0.000200		**ND**	mg/L	1	11/17/2021 15:15	185052
Surr: 2,4,6-Tribromophenol	*	10-179		**93.2**	%REC	1	11/17/2021 15:15	185052
Surr: 2-Fluorobiphenyl	*	21.4-142		**74.8**	%REC	1	11/17/2021 15:15	185052
Surr: 2-Fluorophenol	*	10-157		**61.1**	%REC	1	11/17/2021 15:15	185052
Surr: Nitrobenzene-d5	*	15-163		**72.8**	%REC	1	11/17/2021 15:15	185052
Surr: Phenol-d5	*	10-162		**53.3**	%REC	1	11/17/2021 15:15	185052
Surr: p-Terphenyl-d14	*	10-173		**93.5**	%REC	1	11/17/2021 15:15	185052

Fluorene recovered outside the upper LCSD control limits. Sample results are below the reporting limit. Data is reportable per the TNI Standard.
Contamination present in the MBLK for Anthracene. Sample results below the reporting limit are reportable per the TNI Standard.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	11/11/2021 14:28	184939
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/11/2021 14:28	184939
Ethylbenzene	NELAP	1.0	J	**0.13**	µg/L	1	11/11/2021 14:28	184939
m,p-Xylenes	NELAP	1.0	J	**0.50**	µg/L	1	11/11/2021 14:28	184939
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/11/2021 14:28	184939
Naphthalene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 14:28	184939
o-Xylene	NELAP	1.0	J	**0.12**	µg/L	1	11/11/2021 14:28	184939
Toluene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 14:28	184939
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 14:28	184939
Xylenes, Total	NELAP	2.0	J	**0.62**	µg/L	1	11/11/2021 14:28	184939
Surr: 1,2-Dichloroethane-d4	*	80-120		**104.6**	%REC	1	11/11/2021 14:28	184939
Surr: 4-Bromofluorobenzene	*	80-120		**98.6**	%REC	1	11/11/2021 14:28	184939
Surr: Dibromofluoromethane	*	80-120		**102.2**	%REC	1	11/11/2021 14:28	184939
Surr: Toluene-d8	*	80-120		**107.6**	%REC	1	11/11/2021 14:28	184939

LCS recovered outside upper control limits for Methylene chloride. Sample results are below the reporting limit. Data is reportable per the TNI Standard.

Laboratory Results

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Client: ERM
Work Order: 21110730
Client Project: Ameren Taylorville 4th Qtr 2021
Report Date: 08-Dec-21
Lab ID: 21110730-016
Client Sample ID: GW-20
Matrix: GROUNDWATER
Collection Date: 11/10/2021 7:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	11/17/2021 15:56	185052
Acenaphthylene	NELAP	0.000100		**0.000229**	mg/L	1	11/17/2021 15:56	185052
Anthracene	NELAP	0.000300	B	**ND**	mg/L	1	11/17/2021 15:56	185052
Benzo(a)anthracene	NELAP	0.000100		**0.000316**	mg/L	1	11/17/2021 15:56	185052
Benzo(a)pyrene	NELAP	0.000200		**0.000893**	mg/L	1	11/17/2021 15:56	185052
Benzo(b)fluoranthene	NELAP	0.000100		**0.000825**	mg/L	1	11/17/2021 15:56	185052
Benzo(g,h,i)perylene	NELAP	0.000200		**0.000894**	mg/L	1	11/17/2021 15:56	185052
Benzo(k)fluoranthene	NELAP	0.000100		**0.000170**	mg/L	1	11/17/2021 15:56	185052
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	11/17/2021 15:56	185052
Chrysene	NELAP	0.000100		**0.000398**	mg/L	1	11/17/2021 15:56	185052
Dibenzo(a,h)anthracene	NELAP	0.00020	J	**0.00012**	mg/L	1	11/17/2021 15:56	185052
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	11/17/2021 15:56	185052
Fluoranthene	NELAP	0.000300		**0.000316**	mg/L	1	11/17/2021 15:56	185052
Fluorene	NELAP	0.000200		**ND**	mg/L	1	11/17/2021 15:56	185052
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**0.000611**	mg/L	1	11/17/2021 15:56	185052
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/17/2021 15:56	185052
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	11/17/2021 15:56	185052
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/17/2021 15:56	185052
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	11/17/2021 15:56	185052
Pyrene	NELAP	0.000200		**0.000613**	mg/L	1	11/17/2021 15:56	185052
Surr: 2,4,6-Tribromophenol	*	10-179		**123.4**	%REC	1	11/17/2021 15:56	185052
Surr: 2-Fluorobiphenyl	*	21.4-142		**83.8**	%REC	1	11/17/2021 15:56	185052
Surr: 2-Fluorophenol	*	10-157		**59.8**	%REC	1	11/17/2021 15:56	185052
Surr: Nitrobenzene-d5	*	15-163		**77.6**	%REC	1	11/17/2021 15:56	185052
Surr: Phenol-d5	*	10-162		**50.8**	%REC	1	11/17/2021 15:56	185052
Surr: p-Terphenyl-d14	*	10-173		**92.2**	%REC	1	11/17/2021 15:56	185052

Fluorene recovered outside the upper LCSD control limits. Sample results are below the reporting limit. Data is reportable per the TNI Standard.
Contamination present in the MBLK for Anthracene. Sample results below the reporting limit are reportable per the TNI Standard.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	11/11/2021 14:55	184939
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/11/2021 14:55	184939
Ethylbenzene	NELAP	1.0	J	**0.12**	µg/L	1	11/11/2021 14:55	184939
m,p-Xylenes	NELAP	1.0	J	**0.47**	µg/L	1	11/11/2021 14:55	184939
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/11/2021 14:55	184939
Naphthalene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 14:55	184939
o-Xylene	NELAP	1.00		**ND**	µg/L	1	11/11/2021 14:55	184939
Toluene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 14:55	184939
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 14:55	184939
Xylenes, Total	NELAP	2.0	J	**0.47**	µg/L	1	11/11/2021 14:55	184939
Surr: 1,2-Dichloroethane-d4	*	80-120		**102.6**	%REC	1	11/11/2021 14:55	184939
Surr: 4-Bromofluorobenzene	*	80-120		**100.0**	%REC	1	11/11/2021 14:55	184939
Surr: Dibromofluoromethane	*	80-120		**101.4**	%REC	1	11/11/2021 14:55	184939
Surr: Toluene-d8	*	80-120		**95.1**	%REC	1	11/11/2021 14:55	184939

LCS recovered outside upper control limits for Methylene chloride. Sample results are below the reporting limit. Data is reportable per the TNI Standard.

Laboratory Results

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Client: ERM
Work Order: 21110730
Client Project: Ameren Taylorville 4th Qtr 2021
Report Date: 08-Dec-21
Lab ID: 21110730-017
Client Sample ID: GW-21
Matrix: GROUNDWATER
Collection Date: 11/09/2021 7:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 14:55	185011
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 14:55	185011
Anthracene	NELAP	0.000300		**ND**	mg/L	1	11/16/2021 14:55	185011
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 14:55	185011
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 14:55	185011
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 14:55	185011
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 14:55	185011
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 14:55	185011
Bis(2-ethylhexyl)phthalate	NELAP	0.00200	B	**ND**	mg/L	1	11/16/2021 14:55	185011
Chrysene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 14:55	185011
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 14:55	185011
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	11/16/2021 14:55	185011
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	11/16/2021 14:55	185011
Fluorene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 14:55	185011
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 14:55	185011
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/16/2021 14:55	185011
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	11/16/2021 14:55	185011
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/16/2021 14:55	185011
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	11/16/2021 14:55	185011
Pyrene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 14:55	185011
Surr: 2,4,6-Tribromophenol	*	10-179		**74.5**	%REC	1	11/16/2021 14:55	185011
Surr: 2-Fluorobiphenyl	*	21.4-142		**64.9**	%REC	1	11/16/2021 14:55	185011
Surr: 2-Fluorophenol	*	10-157		**54.1**	%REC	1	11/16/2021 14:55	185011
Surr: Nitrobenzene-d5	*	15-163		**79.3**	%REC	1	11/16/2021 14:55	185011
Surr: Phenol-d5	*	10-162		**44.0**	%REC	1	11/16/2021 14:55	185011
Surr: p-Terphenyl-d14	*	10-173		**48.6**	%REC	1	11/16/2021 14:55	185011

Contamination present in the MBLK for Bis(2-ethylhexyl)phthalate. Sample results below the reporting limit are reportable per the TNI Standard.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	11/11/2021 15:21	184939
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/11/2021 15:21	184939
Ethylbenzene	NELAP	1.0	J	**0.12**	µg/L	1	11/11/2021 15:21	184939
m,p-Xylenes	NELAP	1.0	J	**0.47**	µg/L	1	11/11/2021 15:21	184939
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/11/2021 15:21	184939
Naphthalene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 15:21	184939
o-Xylene	NELAP	1.0	J	**0.10**	µg/L	1	11/11/2021 15:21	184939
Toluene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 15:21	184939
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 15:21	184939
Xylenes, Total	NELAP	2.0	J	**0.57**	µg/L	1	11/11/2021 15:21	184939
Surr: 1,2-Dichloroethane-d4	*	80-120		**105.1**	%REC	1	11/11/2021 15:21	184939
Surr: 4-Bromofluorobenzene	*	80-120		**97.2**	%REC	1	11/11/2021 15:21	184939
Surr: Dibromofluoromethane	*	80-120		**101.8**	%REC	1	11/11/2021 15:21	184939
Surr: Toluene-d8	*	80-120		**95.3**	%REC	1	11/11/2021 15:21	184939

LCS recovered outside upper control limits for Methylene chloride. Sample results are below the reporting limit. Data is reportable per the TNI Standard.

Laboratory Results

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Client: ERM
Work Order: 21110730
Client Project: Ameren Taylorville 4th Qtr 2021
Report Date: 08-Dec-21
Lab ID: 21110730-018
Client Sample ID: GW-22S
Matrix: GROUNDWATER
Collection Date: 11/09/2021 11:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 15:37	185011
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 15:37	185011
Anthracene	NELAP	0.000300		**ND**	mg/L	1	11/16/2021 15:37	185011
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 15:37	185011
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 15:37	185011
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 15:37	185011
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 15:37	185011
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 15:37	185011
Bis(2-ethylhexyl)phthalate	NELAP	0.00200	B	**ND**	mg/L	1	11/16/2021 15:37	185011
Chrysene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 15:37	185011
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 15:37	185011
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	11/16/2021 15:37	185011
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	11/16/2021 15:37	185011
Fluorene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 15:37	185011
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 15:37	185011
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/16/2021 15:37	185011
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	11/16/2021 15:37	185011
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/16/2021 15:37	185011
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	11/16/2021 15:37	185011
Pyrene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 15:37	185011
Surr: 2,4,6-Tribromophenol	*	10-179		**79.3**	%REC	1	11/16/2021 15:37	185011
Surr: 2-Fluorobiphenyl	*	21.4-142		**71.9**	%REC	1	11/16/2021 15:37	185011
Surr: 2-Fluorophenol	*	10-157		**49.0**	%REC	1	11/16/2021 15:37	185011
Surr: Nitrobenzene-d5	*	15-163		**78.1**	%REC	1	11/16/2021 15:37	185011
Surr: Phenol-d5	*	10-162		**45.5**	%REC	1	11/16/2021 15:37	185011
Surr: p-Terphenyl-d14	*	10-173		**74.6**	%REC	1	11/16/2021 15:37	185011

Contamination present in the MBLK for Bis(2-ethylhexyl)phthalate. Sample results below the reporting limit are reportable per the TNI Standard.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	11/11/2021 15:48	184939
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/11/2021 15:48	184939
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	11/11/2021 15:48	184939
m,p-Xylenes	NELAP	1.0	J	**0.39**	µg/L	1	11/11/2021 15:48	184939
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/11/2021 15:48	184939
Naphthalene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 15:48	184939
o-Xylene	NELAP	1.00		**ND**	µg/L	1	11/11/2021 15:48	184939
Toluene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 15:48	184939
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 15:48	184939
Xylenes, Total	NELAP	2.0	J	**0.39**	µg/L	1	11/11/2021 15:48	184939
Surr: 1,2-Dichloroethane-d4	*	80-120		**105.1**	%REC	1	11/11/2021 15:48	184939
Surr: 4-Bromofluorobenzene	*	80-120		**101.4**	%REC	1	11/11/2021 15:48	184939
Surr: Dibromofluoromethane	*	80-120		**102.9**	%REC	1	11/11/2021 15:48	184939
Surr: Toluene-d8	*	80-120		**96.2**	%REC	1	11/11/2021 15:48	184939

LCS recovered outside upper control limits for Methylene chloride. Sample results are below the reporting limit. Data is reportable per the TNI Standard.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 21110730
Client Project: Ameren Taylorville 4th Qtr 2021
Report Date: 08-Dec-21
Lab ID: 21110730-019
Client Sample ID: GW-22D
Matrix: GROUNDWATER
Collection Date: 11/09/2021 11:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 16:18	185011
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 16:18	185011
Anthracene	NELAP	0.000300		**ND**	mg/L	1	11/16/2021 16:18	185011
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 16:18	185011
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 16:18	185011
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 16:18	185011
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 16:18	185011
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 16:18	185011
Bis(2-ethylhexyl)phthalate	NELAP	0.00200	B	**ND**	mg/L	1	11/16/2021 16:18	185011
Chrysene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 16:18	185011
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 16:18	185011
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	11/16/2021 16:18	185011
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	11/16/2021 16:18	185011
Fluorene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 16:18	185011
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 16:18	185011
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/16/2021 16:18	185011
Naphthalene	NELAP	0.000400		**0.000955**	mg/L	1	11/16/2021 16:18	185011
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/16/2021 16:18	185011
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	11/16/2021 16:18	185011
Pyrene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 16:18	185011
Surr: 2,4,6-Tribromophenol	*	10-179		**83.4**	%REC	1	11/16/2021 16:18	185011
Surr: 2-Fluorobiphenyl	*	21.4-142		**76.0**	%REC	1	11/16/2021 16:18	185011
Surr: 2-Fluorophenol	*	10-157		**68.8**	%REC	1	11/16/2021 16:18	185011
Surr: Nitrobenzene-d5	*	15-163		**76.6**	%REC	1	11/16/2021 16:18	185011
Surr: Phenol-d5	*	10-162		**68.7**	%REC	1	11/16/2021 16:18	185011
Surr: p-Terphenyl-d14	*	10-173		**90.1**	%REC	1	11/16/2021 16:18	185011

Contamination present in the MBLK for Bis(2-ethylhexyl)phthalate. Sample results below the reporting limit are reportable per the TNI Standard.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50	J	**0.21**	µg/L	1	11/11/2021 16:14	184939
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/11/2021 16:14	184939
Ethylbenzene	NELAP	1.0	J	**0.12**	µg/L	1	11/11/2021 16:14	184939
m,p-Xylenes	NELAP	1.0	J	**0.43**	µg/L	1	11/11/2021 16:14	184939
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/11/2021 16:14	184939
Naphthalene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 16:14	184939
o-Xylene	NELAP	1.0	J	**0.11**	µg/L	1	11/11/2021 16:14	184939
Toluene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 16:14	184939
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 16:14	184939
Xylenes, Total	NELAP	2.0	J	**0.54**	µg/L	1	11/11/2021 16:14	184939
Surr: 1,2-Dichloroethane-d4	*	80-120		**106.9**	%REC	1	11/11/2021 16:14	184939
Surr: 4-Bromofluorobenzene	*	80-120		**94.3**	%REC	1	11/11/2021 16:14	184939
Surr: Dibromofluoromethane	*	80-120		**102.5**	%REC	1	11/11/2021 16:14	184939
Surr: Toluene-d8	*	80-120		**94.5**	%REC	1	11/11/2021 16:14	184939

LCS recovered outside upper control limits for Methylene chloride. Sample results are below the reporting limit. Data is reportable per the TNI Standard.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 21110730
Client Project: Ameren Taylorville 4th Qtr 2021
Report Date: 08-Dec-21
Lab ID: 21110730-020
Client Sample ID: GW-22S-DUP
Matrix: GROUNDWATER
Collection Date: 11/09/2021 11:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 16:59	185011
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 16:59	185011
Anthracene	NELAP	0.000300		**ND**	mg/L	1	11/16/2021 16:59	185011
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 16:59	185011
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 16:59	185011
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 16:59	185011
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 16:59	185011
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 16:59	185011
Bis(2-ethylhexyl)phthalate	NELAP	0.0020	BJ	**0.0016**	mg/L	1	11/16/2021 16:59	185011
Chrysene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 16:59	185011
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 16:59	185011
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	11/16/2021 16:59	185011
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	11/16/2021 16:59	185011
Fluorene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 16:59	185011
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 16:59	185011
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/16/2021 16:59	185011
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	11/16/2021 16:59	185011
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/16/2021 16:59	185011
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	11/16/2021 16:59	185011
Pyrene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 16:59	185011
Surr: 2,4,6-Tribromophenol	*	10-179		**68.1**	%REC	1	11/16/2021 16:59	185011
Surr: 2-Fluorobiphenyl	*	21.4-142		**76.9**	%REC	1	11/16/2021 16:59	185011
Surr: 2-Fluorophenol	*	10-157		**62.3**	%REC	1	11/16/2021 16:59	185011
Surr: Nitrobenzene-d5	*	15-163		**76.4**	%REC	1	11/16/2021 16:59	185011
Surr: Phenol-d5	*	10-162		**63.8**	%REC	1	11/16/2021 16:59	185011
Surr: p-Terphenyl-d14	*	10-173		**81.1**	%REC	1	11/16/2021 16:59	185011

Contamination present in the MBLK for Bis(2-ethylhexyl)phthalate. Sample results below the reporting limit are reportable per the TNI Standard.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	11/11/2021 16:41	184939
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/11/2021 16:41	184939
Ethylbenzene	NELAP	1.0	J	**0.11**	µg/L	1	11/11/2021 16:41	184939
m,p-Xylenes	NELAP	1.0	J	**0.47**	µg/L	1	11/11/2021 16:41	184939
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/11/2021 16:41	184939
Naphthalene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 16:41	184939
o-Xylene	NELAP	1.0	J	**0.11**	µg/L	1	11/11/2021 16:41	184939
Toluene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 16:41	184939
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 16:41	184939
Xylenes, Total	NELAP	2.0	J	**0.58**	µg/L	1	11/11/2021 16:41	184939
Surr: 1,2-Dichloroethane-d4	*	80-120		**106.4**	%REC	1	11/11/2021 16:41	184939
Surr: 4-Bromofluorobenzene	*	80-120		**101.2**	%REC	1	11/11/2021 16:41	184939
Surr: Dibromofluoromethane	*	80-120		**102.6**	%REC	1	11/11/2021 16:41	184939
Surr: Toluene-d8	*	80-120		**96.8**	%REC	1	11/11/2021 16:41	184939

LCS recovered outside upper control limits for Methylene chloride. Sample results are below the reporting limit. Data is reportable per the TNI Standard.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 21110730
Client Project: Ameren Taylorville 4th Qtr 2021
Report Date: 08-Dec-21
Lab ID: 21110730-021
Client Sample ID: Field Blank 1
Matrix: AQUEOUS
Collection Date: 11/09/2021 7:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 17:39	185011
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 17:39	185011
Anthracene	NELAP	0.000300		**ND**	mg/L	1	11/16/2021 17:39	185011
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 17:39	185011
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 17:39	185011
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 17:39	185011
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 17:39	185011
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 17:39	185011
Bis(2-ethylhexyl)phthalate	NELAP	0.0020	BJ	**0.0020**	mg/L	1	11/16/2021 17:39	185011
Chrysene	NELAP	0.000100		**ND**	mg/L	1	11/16/2021 17:39	185011
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 17:39	185011
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	11/16/2021 17:39	185011
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	11/16/2021 17:39	185011
Fluorene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 17:39	185011
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 17:39	185011
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/16/2021 17:39	185011
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	11/16/2021 17:39	185011
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/16/2021 17:39	185011
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	11/16/2021 17:39	185011
Pyrene	NELAP	0.000200		**ND**	mg/L	1	11/16/2021 17:39	185011
Surr: 2,4,6-Tribromophenol	*	10-179		**93.3**	%REC	1	11/16/2021 17:39	185011
Surr: 2-Fluorobiphenyl	*	21.4-142		**75.3**	%REC	1	11/16/2021 17:39	185011
Surr: 2-Fluorophenol	*	10-157		**60.0**	%REC	1	11/16/2021 17:39	185011
Surr: Nitrobenzene-d5	*	15-163		**67.9**	%REC	1	11/16/2021 17:39	185011
Surr: Phenol-d5	*	10-162		**61.5**	%REC	1	11/16/2021 17:39	185011
Surr: p-Terphenyl-d14	*	10-173		**87.4**	%REC	1	11/16/2021 17:39	185011

Contamination present in the MBLK for Bis(2-ethylhexyl)phthalate. Sample results below the reporting limit are reportable per the TNI Standard.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	11/11/2021 17:08	184939
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/11/2021 17:08	184939
Ethylbenzene	NELAP	1.0	J	**0.12**	µg/L	1	11/11/2021 17:08	184939
m,p-Xylenes	NELAP	1.0	J	**0.37**	µg/L	1	11/11/2021 17:08	184939
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/11/2021 17:08	184939
Naphthalene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 17:08	184939
o-Xylene	NELAP	1.00		**ND**	µg/L	1	11/11/2021 17:08	184939
Toluene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 17:08	184939
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/11/2021 17:08	184939
Xylenes, Total	NELAP	2.0	J	**0.37**	µg/L	1	11/11/2021 17:08	184939
Surr: 1,2-Dichloroethane-d4	*	80-120		**105.7**	%REC	1	11/11/2021 17:08	184939
Surr: 4-Bromofluorobenzene	*	80-120		**99.5**	%REC	1	11/11/2021 17:08	184939
Surr: Dibromofluoromethane	*	80-120		**110.5**	%REC	1	11/11/2021 17:08	184939
Surr: Toluene-d8	*	80-120		**96.2**	%REC	1	11/11/2021 17:08	184939

LCS recovered outside upper control limits for Methylene chloride. Sample results are below the reporting limit. Data is reportable per the TNI Standard.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 21110730
Client Project: Ameren Taylorville 4th Qtr 2021
Report Date: 08-Dec-21
Lab ID: 21110730-022
Client Sample ID: Trip Blank 1
Matrix: TRIP BLANK
Collection Date: 11/10/2021 13:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	11/12/2021 14:56	184974
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/12/2021 14:56	184974
Ethylbenzene	NELAP	1.0	J	**0.21**	µg/L	1	11/12/2021 14:56	184974
m,p-Xylenes	NELAP	1.0	J	**0.85**	µg/L	1	11/12/2021 14:56	184974
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/12/2021 14:56	184974
Naphthalene	NELAP	2.0	J	**0.67**	µg/L	1	11/12/2021 14:56	184974
o-Xylene	NELAP	1.0	J	**0.16**	µg/L	1	11/12/2021 14:56	184974
Toluene	NELAP	2.0	J	**0.11**	µg/L	1	11/12/2021 14:56	184974
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/12/2021 14:56	184974
Xylenes, Total	NELAP	2.0	J	**1.0**	µg/L	1	11/12/2021 14:56	184974
Surr: 1,2-Dichloroethane-d4	*	80-120		**106.3**	%REC	1	11/12/2021 14:56	184974
Surr: 4-Bromofluorobenzene	*	80-120		**104.3**	%REC	1	11/12/2021 14:56	184974
Surr: Dibromofluoromethane	*	80-120		**98.4**	%REC	1	11/12/2021 14:56	184974
Surr: Toluene-d8	*	80-120	S	**125.8**	%REC	1	11/12/2021 14:56	184974

Surrogate recovery is outside control limits due to matrix interference.

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 21110730
Client Project: Ameren Taylorville 4th Qtr 2021
Report Date: 08-Dec-21
Lab ID: 21110730-023
Client Sample ID: Trip Blank 2
Matrix: TRIP BLANK
Collection Date: 11/10/2021 13:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	11/12/2021 15:23	184974
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/12/2021 15:23	184974
Ethylbenzene	NELAP	1.0	J	**0.20**	µg/L	1	11/12/2021 15:23	184974
m,p-Xylenes	NELAP	1.0	J	**0.93**	µg/L	1	11/12/2021 15:23	184974
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/12/2021 15:23	184974
Naphthalene	NELAP	2.00		**ND**	µg/L	1	11/12/2021 15:23	184974
o-Xylene	NELAP	1.0	J	**0.19**	µg/L	1	11/12/2021 15:23	184974
Toluene	NELAP	2.0	J	**0.11**	µg/L	1	11/12/2021 15:23	184974
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/12/2021 15:23	184974
Xylenes, Total	NELAP	2.0	J	**1.1**	µg/L	1	11/12/2021 15:23	184974
Surr: 1,2-Dichloroethane-d4	*	80-120		**107.3**	%REC	1	11/12/2021 15:23	184974
Surr: 4-Bromofluorobenzene	*	80-120		**108.5**	%REC	1	11/12/2021 15:23	184974
Surr: Dibromofluoromethane	*	80-120		**99.2**	%REC	1	11/12/2021 15:23	184974
Surr: Toluene-d8	*	80-120		**104.1**	%REC	1	11/12/2021 15:23	184974

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 21110730
Client Project: Ameren Taylorville 4th Qtr 2021
Report Date: 08-Dec-21
Lab ID: 21110730-024
Client Sample ID: GW-18S-DUP
Matrix: GROUNDWATER
Collection Date: 11/10/2021 11:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	11/17/2021 18:00	185052
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	11/17/2021 18:00	185052
Anthracene	NELAP	0.000300	B	**ND**	mg/L	1	11/17/2021 18:00	185052
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/17/2021 18:00	185052
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	11/17/2021 18:00	185052
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/17/2021 18:00	185052
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	11/17/2021 18:00	185052
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/17/2021 18:00	185052
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	11/17/2021 18:00	185052
Chrysene	NELAP	0.000100		**ND**	mg/L	1	11/17/2021 18:00	185052
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	11/17/2021 18:00	185052
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	11/17/2021 18:00	185052
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	11/17/2021 18:00	185052
Fluorene	NELAP	0.000200		**ND**	mg/L	1	11/17/2021 18:00	185052
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	11/17/2021 18:00	185052
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/17/2021 18:00	185052
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	11/17/2021 18:00	185052
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/17/2021 18:00	185052
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	11/17/2021 18:00	185052
Pyrene	NELAP	0.000200		**ND**	mg/L	1	11/17/2021 18:00	185052
Surr: 2,4,6-Tribromophenol	*	10-179		**96.9**	%REC	1	11/17/2021 18:00	185052
Surr: 2-Fluorobiphenyl	*	21.4-142		**83.8**	%REC	1	11/17/2021 18:00	185052
Surr: 2-Fluorophenol	*	10-157		**65.7**	%REC	1	11/17/2021 18:00	185052
Surr: Nitrobenzene-d5	*	15-163		**81.1**	%REC	1	11/17/2021 18:00	185052
Surr: Phenol-d5	*	10-162		**57.6**	%REC	1	11/17/2021 18:00	185052
Surr: p-Terphenyl-d14	*	10-173		**96.2**	%REC	1	11/17/2021 18:00	185052

Fluorene recovered outside the upper LCSD control limits. Sample results are below the reporting limit. Data is reportable per the TNI Standard.
Contamination present in the MBLK for Anthracene. Sample results below the reporting limit are reportable per the TNI Standard.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	11/12/2021 15:50	184974
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/12/2021 15:50	184974
Ethylbenzene	NELAP	1.0	J	**0.13**	µg/L	1	11/12/2021 15:50	184974
m,p-Xylenes	NELAP	1.0	J	**0.45**	µg/L	1	11/12/2021 15:50	184974
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/12/2021 15:50	184974
Naphthalene	NELAP	2.00		**ND**	µg/L	1	11/12/2021 15:50	184974
o-Xylene	NELAP	1.0	J	**0.11**	µg/L	1	11/12/2021 15:50	184974
Toluene	NELAP	2.00		**ND**	µg/L	1	11/12/2021 15:50	184974
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/12/2021 15:50	184974
Xylenes, Total	NELAP	2.0	J	**0.56**	µg/L	1	11/12/2021 15:50	184974
Surr: 1,2-Dichloroethane-d4	*	80-120		**109.4**	%REC	1	11/12/2021 15:50	184974
Surr: 4-Bromofluorobenzene	*	80-120		**107.4**	%REC	1	11/12/2021 15:50	184974
Surr: Dibromofluoromethane	*	80-120		**100.7**	%REC	1	11/12/2021 15:50	184974
Surr: Toluene-d8	*	80-120		**103.9**	%REC	1	11/12/2021 15:50	184974

Laboratory Results

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Client: ERM
Work Order: 21110730
Client Project: Ameren Taylorville 4th Qtr 2021
Report Date: 08-Dec-21
Lab ID: 21110730-025
Client Sample ID: GW-25
Matrix: GROUNDWATER
Collection Date: 11/08/2021 16:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2021 16:58	184962
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	11/13/2021 16:58	184962
Anthracene	NELAP	0.000300		**ND**	mg/L	1	11/13/2021 16:58	184962
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/13/2021 16:58	184962
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	11/13/2021 16:58	184962
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2021 16:58	184962
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	11/13/2021 16:58	184962
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2021 16:58	184962
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	11/13/2021 16:58	184962
Chrysene	NELAP	0.000100		**ND**	mg/L	1	11/13/2021 16:58	184962
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	11/13/2021 16:58	184962
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	11/13/2021 16:58	184962
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	11/13/2021 16:58	184962
Fluorene	NELAP	0.000200		**ND**	mg/L	1	11/13/2021 16:58	184962
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	11/13/2021 16:58	184962
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2021 16:58	184962
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	11/13/2021 16:58	184962
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2021 16:58	184962
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	11/13/2021 16:58	184962
Pyrene	NELAP	0.000200		**ND**	mg/L	1	11/13/2021 16:58	184962
Surr: 2,4,6-Tribromophenol	*	10-179		**91.1**	%REC	1	11/13/2021 16:58	184962
Surr: 2-Fluorobiphenyl	*	21.4-142		**87.0**	%REC	1	11/13/2021 16:58	184962
Surr: 2-Fluorophenol	*	10-157		**68.8**	%REC	1	11/13/2021 16:58	184962
Surr: Nitrobenzene-d5	*	15-163		**85.7**	%REC	1	11/13/2021 16:58	184962
Surr: Phenol-d5	*	10-162		**62.0**	%REC	1	11/13/2021 16:58	184962
Surr: p-Terphenyl-d14	*	10-173		**106.7**	%REC	1	11/13/2021 16:58	184962
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	11/12/2021 16:16	184974
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/12/2021 16:16	184974
Ethylbenzene	NELAP	1.0	J	**0.11**	µg/L	1	11/12/2021 16:16	184974
m,p-Xylenes	NELAP	1.0	J	**0.48**	µg/L	1	11/12/2021 16:16	184974
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/12/2021 16:16	184974
Naphthalene	NELAP	2.00		**ND**	µg/L	1	11/12/2021 16:16	184974
o-Xylene	NELAP	1.0	J	**0.10**	µg/L	1	11/12/2021 16:16	184974
Toluene	NELAP	2.00		**ND**	µg/L	1	11/12/2021 16:16	184974
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/12/2021 16:16	184974
Xylenes, Total	NELAP	2.0	J	**0.58**	µg/L	1	11/12/2021 16:16	184974
Surr: 1,2-Dichloroethane-d4	*	80-120		**106.7**	%REC	1	11/12/2021 16:16	184974
Surr: 4-Bromofluorobenzene	*	80-120		**102.6**	%REC	1	11/12/2021 16:16	184974
Surr: Dibromofluoromethane	*	80-120		**99.6**	%REC	1	11/12/2021 16:16	184974
Surr: Toluene-d8	*	80-120		**105.8**	%REC	1	11/12/2021 16:16	184974

Laboratory Results

http://www.teklabinc.com/

Client: ERM
Work Order: 21110730
Client Project: Ameren Taylorville 4th Qtr 2021
Report Date: 08-Dec-21
Lab ID: 21110730-026
Client Sample ID: GW-26
Matrix: GROUNDWATER
Collection Date: 11/08/2021 16:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2021 17:39	184962
Acenaphthylene	NELAP	0.000100		**ND**	mg/L	1	11/13/2021 17:39	184962
Anthracene	NELAP	0.000300		**ND**	mg/L	1	11/13/2021 17:39	184962
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	11/13/2021 17:39	184962
Benzo(a)pyrene	NELAP	0.000200		**ND**	mg/L	1	11/13/2021 17:39	184962
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2021 17:39	184962
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	11/13/2021 17:39	184962
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	11/13/2021 17:39	184962
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	11/13/2021 17:39	184962
Chrysene	NELAP	0.000100		**ND**	mg/L	1	11/13/2021 17:39	184962
Dibenzo(a,h)anthracene	NELAP	0.000200		**ND**	mg/L	1	11/13/2021 17:39	184962
Di-n-butyl phthalate	NELAP	0.0100		**ND**	mg/L	1	11/13/2021 17:39	184962
Fluoranthene	NELAP	0.000300		**ND**	mg/L	1	11/13/2021 17:39	184962
Fluorene	NELAP	0.000200		**ND**	mg/L	1	11/13/2021 17:39	184962
Indeno(1,2,3-cd)pyrene	NELAP	0.000200		**ND**	mg/L	1	11/13/2021 17:39	184962
m,p-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2021 17:39	184962
Naphthalene	NELAP	0.000400		**ND**	mg/L	1	11/13/2021 17:39	184962
o-Cresol	NELAP	0.0100		**ND**	mg/L	1	11/13/2021 17:39	184962
Phenanthrene	NELAP	0.000600		**ND**	mg/L	1	11/13/2021 17:39	184962
Pyrene	NELAP	0.000200		**ND**	mg/L	1	11/13/2021 17:39	184962
Surr: 2,4,6-Tribromophenol	*	10-179		**90.3**	%REC	1	11/13/2021 17:39	184962
Surr: 2-Fluorobiphenyl	*	21.4-142		**81.2**	%REC	1	11/13/2021 17:39	184962
Surr: 2-Fluorophenol	*	10-157		**69.0**	%REC	1	11/13/2021 17:39	184962
Surr: Nitrobenzene-d5	*	15-163		**83.2**	%REC	1	11/13/2021 17:39	184962
Surr: Phenol-d5	*	10-162		**67.1**	%REC	1	11/13/2021 17:39	184962
Surr: p-Terphenyl-d14	*	10-173		**104.7**	%REC	1	11/13/2021 17:39	184962
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	11/12/2021 16:43	184974
Bromoform	NELAP	2.00		**ND**	µg/L	1	11/12/2021 16:43	184974
Ethylbenzene	NELAP	1.0	J	**0.15**	µg/L	1	11/12/2021 16:43	184974
m,p-Xylenes	NELAP	1.0	J	**0.52**	µg/L	1	11/12/2021 16:43	184974
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	11/12/2021 16:43	184974
Naphthalene	NELAP	2.00		**ND**	µg/L	1	11/12/2021 16:43	184974
o-Xylene	NELAP	1.0	J	**0.12**	µg/L	1	11/12/2021 16:43	184974
Toluene	NELAP	2.00		**ND**	µg/L	1	11/12/2021 16:43	184974
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	11/12/2021 16:43	184974
Xylenes, Total	NELAP	2.0	J	**0.64**	µg/L	1	11/12/2021 16:43	184974
Surr: 1,2-Dichloroethane-d4	*	80-120		**106.3**	%REC	1	11/12/2021 16:43	184974
Surr: 4-Bromofluorobenzene	*	80-120		**102.0**	%REC	1	11/12/2021 16:43	184974
Surr: Dibromofluoromethane	*	80-120		**98.8**	%REC	1	11/12/2021 16:43	184974
Surr: Toluene-d8	*	80-120		**104.5**	%REC	1	11/12/2021 16:43	184974

Sample Summary

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 4th Qtr 2021

Work Order: 21110730

Report Date: 08-Dec-21

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
21110730-001	GW-01	Groundwater	2	11/09/2021 9:45
21110730-002	GW-02	Groundwater	2	11/09/2021 13:50
21110730-003	GW-03	Groundwater	2	11/09/2021 13:25
21110730-004	GW-04R	Groundwater	2	11/09/2021 13:05
21110730-005	GW-05	Groundwater	2	11/09/2021 9:00
21110730-006	GW-07	Groundwater	2	11/09/2021 15:05
21110730-007	GW-14	Groundwater	2	11/09/2021 16:10
21110730-008	GW-15	Groundwater	2	11/09/2021 12:50
21110730-009	GW-16S	Groundwater	2	11/08/2021 15:00
21110730-010	GW-16D	Groundwater	2	11/08/2021 14:40
21110730-011	GW-17	Groundwater	2	11/08/2021 15:10
21110730-012	GW-18S	Groundwater	2	11/10/2021 11:10
21110730-013	GW-18D	Groundwater	2	11/10/2021 10:50
21110730-014	GW-19S	Groundwater	2	11/10/2021 9:25
21110730-015	GW-19D	Groundwater	2	11/10/2021 9:05
21110730-016	GW-20	Groundwater	2	11/10/2021 7:35
21110730-017	GW-21	Groundwater	2	11/09/2021 7:40
21110730-018	GW-22S	Groundwater	2	11/09/2021 11:35
21110730-019	GW-22D	Groundwater	2	11/09/2021 11:20
21110730-020	GW-22S-DUP	Groundwater	2	11/09/2021 11:35
21110730-021	Field Blank 1	Aqueous	2	11/09/2021 7:00
21110730-022	Trip Blank 1	Trip Blank	1	11/10/2021 13:50
21110730-023	Trip Blank 2	Trip Blank	1	11/10/2021 13:50
21110730-024	GW-18S-DUP	Groundwater	2	11/10/2021 11:10
21110730-025	GW-25	Groundwater	2	11/08/2021 16:00
21110730-026	GW-26	Groundwater	2	11/08/2021 16:40

Dates Report

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 4th Qtr 2021

Work Order: 21110730

Report Date: 08-Dec-21

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
21110730-001A	GW-01	11/09/2021 9:45	11/10/2021 13:50		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/12/2021 15:51	11/13/2021 12:09
21110730-001B	GW-01	11/09/2021 9:45	11/10/2021 13:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/11/2021 14:27
21110730-002A	GW-02	11/09/2021 13:50	11/10/2021 13:50		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/15/2021 11:38	11/16/2021 10:47
21110730-002B	GW-02	11/09/2021 13:50	11/10/2021 13:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/11/2021 14:54
21110730-003A	GW-03	11/09/2021 13:25	11/10/2021 13:50		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/15/2021 11:38	11/16/2021 11:31
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/15/2021 11:38	11/18/2021 10:02
21110730-003B	GW-03	11/09/2021 13:25	11/10/2021 13:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/11/2021 15:20
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/12/2021 14:03
21110730-004A	GW-04R	11/09/2021 13:05	11/10/2021 13:50		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/15/2021 11:38	11/16/2021 12:12
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/15/2021 11:38	11/16/2021 18:21
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/15/2021 11:38	11/17/2021 16:37
21110730-004B	GW-04R	11/09/2021 13:05	11/10/2021 13:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/12/2021 14:30
21110730-005A	GW-05	11/09/2021 9:00	11/10/2021 13:50		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/15/2021 11:38	11/16/2021 12:53
21110730-005B	GW-05	11/09/2021 9:00	11/10/2021 13:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/11/2021 16:12
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/03/2021 9:18
21110730-006A	GW-07	11/09/2021 15:05	11/10/2021 13:50		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/12/2021 15:51	11/13/2021 12:50
21110730-006B	GW-07	11/09/2021 15:05	11/10/2021 13:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/11/2021 16:38
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/03/2021 9:45
21110730-007A	GW-14	11/09/2021 16:10	11/10/2021 13:50		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/15/2021 11:38	11/16/2021 13:34
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/15/2021 11:38	11/17/2021 17:19
21110730-007B	GW-14	11/09/2021 16:10	11/10/2021 13:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/11/2021 17:57

Dates Report

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 4th Qtr 2021

Work Order: 21110730

Report Date: 08-Dec-21

Sample ID	Client Sample ID / Test Name	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
21110730-008A	GW-15	11/09/2021 12:50	11/10/2021 13:50		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/15/2021 11:38	11/16/2021 14:15
21110730-008B	GW-15	11/09/2021 12:50	11/10/2021 13:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/11/2021 18:23
21110730-009A	GW-16S	11/08/2021 15:00	11/10/2021 13:50		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/12/2021 15:51	11/13/2021 14:54
21110730-009B	GW-16S	11/08/2021 15:00	11/10/2021 13:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/11/2021 18:49
21110730-010A	GW-16D	11/08/2021 14:40	11/10/2021 13:50		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/12/2021 15:51	11/13/2021 15:35
21110730-010B	GW-16D	11/08/2021 14:40	11/10/2021 13:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/11/2021 19:15
21110730-011A	GW-17	11/08/2021 15:10	11/10/2021 13:50		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/12/2021 15:51	11/13/2021 16:17
21110730-011B	GW-17	11/08/2021 15:10	11/10/2021 13:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/11/2021 12:40
21110730-012A	GW-18S	11/10/2021 11:10	11/10/2021 13:50		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/16/2021 12:22	11/17/2021 12:29
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/16/2021 12:22	11/18/2021 12:08
21110730-012B	GW-18S	11/10/2021 11:10	11/10/2021 13:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/11/2021 13:07
21110730-013A	GW-18D	11/10/2021 10:50	11/10/2021 13:50		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/16/2021 12:22	11/18/2021 11:26
21110730-013B	GW-18D	11/10/2021 10:50	11/10/2021 13:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/11/2021 13:34
21110730-014A	GW-19S	11/10/2021 9:25	11/10/2021 13:50		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/16/2021 12:22	11/17/2021 13:53
21110730-014B	GW-19S	11/10/2021 9:25	11/10/2021 13:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/11/2021 14:02
21110730-015A	GW-19D	11/10/2021 9:05	11/10/2021 13:50		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/16/2021 12:22	11/17/2021 15:15
21110730-015B	GW-19D	11/10/2021 9:05	11/10/2021 13:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/11/2021 14:28
21110730-016A	GW-20	11/10/2021 7:35	11/10/2021 13:50		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/16/2021 12:22	11/17/2021 15:56

Dates Report

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 4th Qtr 2021

Work Order: 21110730

Report Date: 08-Dec-21

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
21110730-016B	GW-20	11/10/2021 7:35	11/10/2021 13:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/11/2021 14:55
21110730-017A	GW-21	11/09/2021 7:40	11/10/2021 13:50		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/15/2021 11:38	11/16/2021 14:55
21110730-017B	GW-21	11/09/2021 7:40	11/10/2021 13:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/11/2021 15:21
21110730-018A	GW-22S	11/09/2021 11:35	11/10/2021 13:50		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/15/2021 11:38	11/16/2021 15:37
21110730-018B	GW-22S	11/09/2021 11:35	11/10/2021 13:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/11/2021 15:48
21110730-019A	GW-22D	11/09/2021 11:20	11/10/2021 13:50		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/15/2021 14:11	11/16/2021 16:18
21110730-019B	GW-22D	11/09/2021 11:20	11/10/2021 13:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/11/2021 16:14
21110730-020A	GW-22S-DUP	11/09/2021 11:35	11/10/2021 13:50		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/15/2021 14:11	11/16/2021 16:59
21110730-020B	GW-22S-DUP	11/09/2021 11:35	11/10/2021 13:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/11/2021 16:41
21110730-021A	Field Blank 1	11/09/2021 7:00	11/10/2021 13:50		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/15/2021 14:11	11/16/2021 17:39
21110730-021B	Field Blank 1	11/09/2021 7:00	11/10/2021 13:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/11/2021 17:08
21110730-022A	Trip Blank 1	11/10/2021 13:50	11/10/2021 13:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/12/2021 14:56
21110730-023A	Trip Blank 2	11/10/2021 13:50	11/10/2021 13:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/12/2021 15:23
21110730-024A	GW-18S-DUP	11/10/2021 11:10	11/10/2021 13:50		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/16/2021 14:14	11/17/2021 18:00
21110730-024B	GW-18S-DUP	11/10/2021 11:10	11/10/2021 13:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/12/2021 15:50
21110730-025A	GW-25	11/08/2021 16:00	11/10/2021 13:50		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			11/12/2021 15:51	11/13/2021 16:58
21110730-025B	GW-25	11/08/2021 16:00	11/10/2021 13:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/12/2021 16:16
21110730-026A	GW-26	11/08/2021 16:40	11/10/2021 13:50		

Dates Report

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 4th Qtr 2021

Work Order: 21110730

Report Date: 08-Dec-21

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			11/12/2021 15:51	11/13/2021 17:39
21110730-026B	GW-26	11/08/2021 16:40	11/10/2021 13:50		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				11/12/2021 16:43

Client: ERM **Work Order:** 21110730

Client Project: Ameren Taylorville 4th Qtr 2021 **Report Date:** 08-Dec-21

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

Batch **184962** **SampType:** **MBLK** Units **mg/L**

SampID: MBLK-184962

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**ND**						11/13/2021
Acenaphthylene		0.000100		**ND**						11/13/2021
Anthracene		0.000300		**ND**						11/13/2021
Benzo(a)anthracene		0.000100		**ND**						11/13/2021
Benzo(a)pyrene		0.000200		**ND**						11/13/2021
Benzo(b)fluoranthene		0.000100		**ND**						11/13/2021
Benzo(g,h,i)perylene		0.000200		**ND**						11/13/2021
Benzo(k)fluoranthene		0.000100		**ND**						11/13/2021
Bis(2-ethylhexyl)phthalate		0.00600		**ND**						11/13/2021
Chrysene		0.000100		**ND**						11/13/2021
Dibenzo(a,h)anthracene		0.000200		**ND**						11/13/2021
Di-n-butyl phthalate		0.0100		**ND**						11/13/2021
Fluoranthene		0.000300		**ND**						11/13/2021
Fluorene		0.000200		**ND**						11/13/2021
Indeno(1,2,3-cd)pyrene		0.000200		**ND**						11/13/2021
m,p-Cresol		0.0100		**ND**						11/13/2021
Naphthalene		0.000400		**ND**						11/13/2021
o-Cresol		0.0100		**ND**						11/13/2021
Phenanthrene		0.000600		**ND**						11/13/2021
Pyrene		0.000200		**ND**						11/13/2021
Surr: 2,4,6-Tribromophenol	*			**0.00180**	0.0020		89.9	49.4	123	11/13/2021
Surr: 2-Fluorobiphenyl	*			**0.000919**	0.0010		91.9	45.5	94.3	11/13/2021
Surr: 2-Fluorophenol	*			**0.00162**	0.0020		80.9	41.6	103	11/13/2021
Surr: Nitrobenzene-d5	*			**0.000906**	0.0010		90.6	51.6	102	11/13/2021
Surr: Phenol-d5	*			**0.00170**	0.0020		85.0	32.6	109	11/13/2021
Surr: p-Terphenyl-d14	*			**0.00107**	0.0010		106.6	60.8	130	11/13/2021

Client: ERM **Work Order:** 21110730

Client Project: Ameren Taylorville 4th Qtr 2021 **Report Date:** 08-Dec-21

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

Batch **184962** **SampType:** **LCS** Units **mg/L**

SampID: LCS-184962

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**0.00199**	0.0020	0	99.4	54.7	110	11/13/2021
Acenaphthylene		0.000100		**0.00215**	0.0020	0	107.4	56.2	116	11/13/2021
Anthracene		0.000300		**0.00183**	0.0020	0	91.7	55.3	113	11/13/2021
Benzo(a)anthracene		0.000100		**0.00200**	0.0020	0	100.2	54.6	112	11/13/2021
Benzo(a)pyrene		0.000200		**0.00185**	0.0020	0	92.3	57.2	118	11/13/2021
Benzo(b)fluoranthene		0.000100		**0.00204**	0.0020	0	101.9	50.3	119	11/13/2021
Benzo(g,h,i)perylene		0.000200		**0.00192**	0.0020	0	96.0	59.3	122	11/13/2021
Benzo(k)fluoranthene		0.000100		**0.00212**	0.0020	0	105.8	58.8	114	11/13/2021
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0025**	0.0020	0	125.2	50	187	11/13/2021
Chrysene		0.000100		**0.00193**	0.0020	0	96.3	58.9	113	11/13/2021
Dibenzo(a,h)anthracene		0.000200		**0.00202**	0.0020	0	101.1	50	134	11/13/2021
Di-n-butyl phthalate		0.0100	J	**0.0022**	0.0020	0	109.2	62.7	144	11/13/2021
Fluoranthene		0.000300		**0.00186**	0.0020	0	93.2	61.2	114	11/13/2021
Fluorene		0.000200		**0.00206**	0.0020	0	103.1	61.6	110	11/13/2021
Indeno(1,2,3-cd)pyrene		0.000200		**0.00200**	0.0020	0	100.2	54.3	128	11/13/2021
m,p-Cresol		0.0100		**0.0191**	0.0200	0	95.4	48.1	116	11/13/2021
Naphthalene		0.000400		**0.00184**	0.0020	0	92.0	51.7	105	11/13/2021
o-Cresol		0.0100		**0.0189**	0.0200	0	94.5	50	115	11/13/2021
Phenanthrene		0.000600		**0.00192**	0.0020	0	96.1	60.9	121	11/13/2021
Pyrene		0.000200		**0.00189**	0.0020	0	94.4	59.1	114	11/13/2021
Surr: 2,4,6-Tribromophenol	*			**0.00205**	0.0020		102.3	49.4	123	11/13/2021
Surr: 2-Fluorobiphenyl	*			**0.000924**	0.0010		92.4	45.5	94.3	11/13/2021
Surr: 2-Fluorophenol	*			**0.00153**	0.0020		76.6	41.6	103	11/13/2021
Surr: Nitrobenzene-d5	*			**0.000874**	0.0010		87.4	51.6	102	11/13/2021
Surr: Phenol-d5	*			**0.00153**	0.0020		76.6	32.6	109	11/13/2021
Surr: p-Terphenyl-d14	*			**0.00106**	0.0010		105.9	60.8	130	11/13/2021

Client: ERM **Work Order:** 21110730

Client Project: Ameren Taylorville 4th Qtr 2021 **Report Date:** 08-Dec-21

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

Batch **184962** **SampType:** **LCSD** Units **mg/L** RPD Limit: **40**

SampID: LCSD-184962

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		**0.00194**	0.0020	0	97.0	0.001988	2.41	11/13/2021
Acenaphthylene		0.000100		**0.00204**	0.0020	0	102.1	0.002149	5.08	11/13/2021
Anthracene		0.000300		**0.00163**	0.0020	0	81.3	0.001834	12.02	11/13/2021
Benzo(a)anthracene		0.000100		**0.00197**	0.0020	0	98.7	0.002004	1.51	11/13/2021
Benzo(a)pyrene		0.000200		**0.00168**	0.0020	0	84.2	0.001845	9.12	11/13/2021
Benzo(b)fluoranthene		0.000100		**0.00186**	0.0020	0	93.2	0.002039	8.94	11/13/2021
Benzo(g,h,i)perylene		0.000200		**0.00181**	0.0020	0	90.6	0.001920	5.78	11/13/2021
Benzo(k)fluoranthene		0.000100		**0.00190**	0.0020	0	95.2	0.002115	10.56	11/13/2021
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0025**	0.0020	0	125.4	0.002505	0.00	11/13/2021
Chrysene		0.000100		**0.00182**	0.0020	0	91.2	0.001926	5.44	11/13/2021
Dibenzo(a,h)anthracene		0.000200		**0.00190**	0.0020	0	95.2	0.002022	6.04	11/13/2021
Di-n-butyl phthalate		0.0100	J	**0.0021**	0.0020	0	106.4	0.002184	0.00	11/13/2021
Fluoranthene		0.000300		**0.00193**	0.0020	0	96.4	0.001864	3.41	11/13/2021
Fluorene		0.000200		**0.00206**	0.0020	0	103.2	0.002061	0.17	11/13/2021
Indeno(1,2,3-cd)pyrene		0.000200		**0.00188**	0.0020	0	93.8	0.002004	6.59	11/13/2021
m,p-Cresol		0.0100		**0.0148**	0.0200	0	73.9	0.01908	25.42	11/13/2021
Naphthalene		0.000400		**0.00170**	0.0020	0	84.8	0.001840	8.19	11/13/2021
o-Cresol		0.0100		**0.0146**	0.0200	0	72.9	0.01890	25.82	11/13/2021
Phenanthrene		0.000600		**0.00184**	0.0020	0	91.9	0.001922	4.44	11/13/2021
Pyrene		0.000200		**0.00190**	0.0020	0	94.8	0.001888	0.49	11/13/2021
Surr: 2,4,6-Tribromophenol	*			**0.00230**	0.0020		115.2			11/13/2021
Surr: 2-Fluorobiphenyl	*			**0.000828**	0.0010		82.8			11/13/2021
Surr: 2-Fluorophenol	*			**0.00139**	0.0020		69.4			11/13/2021
Surr: Nitrobenzene-d5	*			**0.000858**	0.0010		85.8			11/13/2021
Surr: Phenol-d5	*			**0.00121**	0.0020		60.4			11/13/2021
Surr: p-Terphenyl-d14	*			**0.00112**	0.0010		112.1			11/13/2021

Client: ERM **Work Order:** 21110730

Client Project: Ameren Taylorville 4th Qtr 2021 **Report Date:** 08-Dec-21

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

Batch **184962** **SampType:** **MS** Units **mg/L**

SampID: 21110730-006AMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**0.00200**	0.0020	0.0001360	93.3	28.3	133	11/13/2021
Acenaphthylene		0.000100		**0.00223**	0.0020	0.0001862	102.0	5	176	11/13/2021
Anthracene		0.000300		**0.00309**	0.0020	0.001462	81.4	34.6	131	11/13/2021
Benzo(a)anthracene		0.000100		**0.00215**	0.0020	0.0002347	95.8	40.3	132	11/13/2021
Benzo(a)pyrene		0.000200		**0.00171**	0.0020	0	85.6	40.8	132	11/13/2021
Benzo(b)fluoranthene		0.000100		**0.00193**	0.0020	0	96.4	41.9	132	11/13/2021
Benzo(g,h,i)perylene		0.000200		**0.00184**	0.0020	0	91.8	46	132	11/13/2021
Benzo(k)fluoranthene		0.000100		**0.00185**	0.0020	0	92.7	49.4	126	11/13/2021
Bis(2-ethylhexyl)phthalate		0.00600	JS	**0.0040**	0.0020	0.004029	-1.9	18.4	222	11/13/2021
Chrysene		0.000100		**0.00198**	0.0020	0.0001703	90.6	46.1	129	11/13/2021
Dibenzo(a,h)anthracene		0.000200		**0.00185**	0.0020	0	92.6	42.1	146	11/13/2021
Di-n-butyl phthalate		0.0100	J	**0.0020**	0.0020	0	97.8	59.6	146	11/13/2021
Fluoranthene		0.000300		**0.00321**	0.0020	0.001642	78.5	23.9	164	11/13/2021
Fluorene		0.000200		**0.00233**	0.0020	0.0003900	97.0	24.3	148	11/13/2021
Indeno(1,2,3-cd)pyrene		0.000200		**0.00183**	0.0020	0	91.4	26.6	157	11/13/2021
m,p-Cresol		0.0100		**0.0179**	0.0200	0	89.4	5	156	11/13/2021
Naphthalene		0.000400		**0.00173**	0.0020	0	86.4	24.2	132	11/13/2021
o-Cresol		0.0100		**0.0168**	0.0200	0	84.2	38	113	11/13/2021
Phenanthrene		0.000600		**0.00182**	0.0020	0	91.0	36.6	139	11/13/2021
Pyrene		0.000200		**0.00419**	0.0020	0.002605	79.0	14.6	169	11/13/2021
Surr: 2,4,6-Tribromophenol	*			**0.00185**	0.0020		92.3	10	179	11/13/2021
Surr: 2-Fluorobiphenyl	*			**0.000811**	0.0010		81.1	21.4	142	11/13/2021
Surr: 2-Fluorophenol	*			**0.00145**	0.0020		72.3	10	157	11/13/2021
Surr: Nitrobenzene-d5	*			**0.000864**	0.0010		86.4	15	163	11/13/2021
Surr: Phenol-d5	*			**0.00144**	0.0020		72.2	10	162	11/13/2021
Surr: p-Terphenyl-d14	*			**0.00101**	0.0010		101.4	10	173	11/13/2021

Client: ERM **Work Order:** 21110730

Client Project: Ameren Taylorville 4th Qtr 2021 **Report Date:** 08-Dec-21

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

Batch **184962** **SampType:** **MSD** Units **mg/L** RPD Limit: **40**

SampID: 21110730-006AMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		**0.00191**	0.0020	0.0001360	88.7	0.002002	4.71	11/13/2021
Acenaphthylene		0.000100		**0.00210**	0.0020	0.0001862	95.5	0.002227	6.07	11/13/2021
Anthracene		0.000300		**0.00306**	0.0020	0.001462	79.7	0.003090	1.13	11/13/2021
Benzo(a)anthracene		0.000100		**0.00207**	0.0020	0.0002347	91.6	0.002150	3.98	11/13/2021
Benzo(a)pyrene		0.000200		**0.00164**	0.0020	0	82.0	0.001712	4.25	11/13/2021
Benzo(b)fluoranthene		0.000100		**0.00186**	0.0020	0	93.1	0.001928	3.42	11/13/2021
Benzo(g,h,i)perylene		0.000200		**0.00169**	0.0020	0	84.6	0.001836	8.16	11/13/2021
Benzo(k)fluoranthene		0.000100		**0.00183**	0.0020	0	91.6	0.001853	1.11	11/13/2021
Bis(2-ethylhexyl)phthalate		0.00600	JS	**0.0036**	0.0020	0.004029	-21.5	0.003991	0.00	11/13/2021
Chrysene		0.000100		**0.00193**	0.0020	0.0001703	88.1	0.001983	2.56	11/13/2021
Dibenzo(a,h)anthracene		0.000200		**0.00184**	0.0020	0	92.0	0.001853	0.66	11/13/2021
Di-n-butyl phthalate		0.0100	J	**0.0018**	0.0020	0	89.2	0.001956	0.00	11/13/2021
Fluoranthene		0.000300		**0.00302**	0.0020	0.001642	68.9	0.003213	6.19	11/13/2021
Fluorene		0.000200		**0.00217**	0.0020	0.0003900	89.2	0.002330	6.98	11/13/2021
Indeno(1,2,3-cd)pyrene		0.000200		**0.00177**	0.0020	0	88.5	0.001828	3.24	11/13/2021
m,p-Cresol		0.0100		**0.0176**	0.0200	0	87.8	0.01788	1.81	11/13/2021
Naphthalene		0.000400		**0.00169**	0.0020	0	84.7	0.001727	1.94	11/13/2021
o-Cresol		0.0100		**0.0165**	0.0200	0	82.7	0.01684	1.80	11/13/2021
Phenanthrene		0.000600		**0.00178**	0.0020	0	89.2	0.001819	1.94	11/13/2021
Pyrene		0.000200		**0.00393**	0.0020	0.002605	66.4	0.004186	6.23	11/13/2021
Surr: 2,4,6-Tribromophenol	*			**0.00186**	0.0020		93.2			11/13/2021
Surr: 2-Fluorobiphenyl	*			**0.000833**	0.0010		83.3			11/13/2021
Surr: 2-Fluorophenol	*			**0.00145**	0.0020		72.4			11/13/2021
Surr: Nitrobenzene-d5	*			**0.000831**	0.0010		83.1			11/13/2021
Surr: Phenol-d5	*			**0.00133**	0.0020		66.6			11/13/2021
Surr: p-Terphenyl-d14	*			**0.00100**	0.0010		100.0			11/13/2021

Client: ERM **Work Order:** 21110730

Client Project: Ameren Taylorville 4th Qtr 2021 **Report Date:** 08-Dec-21

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

Batch **185011** **SampType:** **MBLK** Units **mg/L**

SampID: MBLK-185011

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**ND**						11/15/2021
Acenaphthylene		0.000100		**ND**						11/15/2021
Anthracene		0.000300		**ND**						11/15/2021
Benzo(a)anthracene		0.000100		**ND**						11/15/2021
Benzo(a)pyrene		0.000200		**ND**						11/15/2021
Benzo(b)fluoranthene		0.000100		**ND**						11/15/2021
Benzo(g,h,i)perylene		0.000200		**ND**						11/15/2021
Benzo(k)fluoranthene		0.000100		**ND**						11/15/2021
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0019**						11/15/2021
Chrysene		0.000100		**ND**						11/15/2021
Dibenzo(a,h)anthracene		0.000200		**ND**						11/15/2021
Di-n-butyl phthalate		0.0100		**ND**						11/15/2021
Fluoranthene		0.000300		**ND**						11/15/2021
Fluorene		0.000200		**ND**						11/15/2021
Indeno(1,2,3-cd)pyrene		0.000200		**ND**						11/15/2021
m,p-Cresol		0.0100		**ND**						11/15/2021
Naphthalene		0.000400		**ND**						11/15/2021
o-Cresol		0.0100		**ND**						11/15/2021
Phenanthrene		0.000600		**ND**						11/15/2021
Pyrene		0.000200		**ND**						11/15/2021
Surr: 2,4,6-Tribromophenol	*			**0.00184**	0.0020		92.1	49.4	123	11/15/2021
Surr: 2-Fluorobiphenyl	*			**0.000819**	0.0010		81.9	45.5	94.3	11/15/2021
Surr: 2-Fluorophenol	*			**0.00129**	0.0020		64.6	41.6	103	11/15/2021
Surr: Nitrobenzene-d5	*			**0.000871**	0.0010		87.1	51.6	102	11/15/2021
Surr: Phenol-d5	*			**0.00127**	0.0020		63.4	32.6	109	11/15/2021
Surr: p-Terphenyl-d14	*			**0.000997**	0.0010		99.7	60.8	130	11/15/2021

Client: ERM **Work Order:** 21110730

Client Project: Ameren Taylorville 4th Qtr 2021 **Report Date:** 08-Dec-21

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

Batch **185011** **SampType:** **LCS** Units **mg/L**

SampID: LCS-185011

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**0.00184**	0.0020	0	92.1	54.7	110	11/15/2021
Acenaphthylene		0.000100		**0.00193**	0.0020	0	96.7	56.2	116	11/15/2021
Anthracene		0.000300		**0.00166**	0.0020	0	82.9	55.3	113	11/15/2021
Benzo(a)anthracene		0.000100		**0.00190**	0.0020	0	95.1	54.6	112	11/15/2021
Benzo(a)pyrene		0.000200		**0.00166**	0.0020	0	82.8	57.2	118	11/15/2021
Benzo(b)fluoranthene		0.000100		**0.00188**	0.0020	0	93.8	50.3	119	11/15/2021
Benzo(g,h,i)perylene		0.000200		**0.00174**	0.0020	0	87.1	59.3	122	11/15/2021
Benzo(k)fluoranthene		0.000100		**0.00186**	0.0020	0	92.8	58.8	114	11/15/2021
Bis(2-ethylhexyl)phthalate		0.00600	BJ	**0.0021**	0.0020	0	103.8	50	187	11/15/2021
Chrysene		0.000100		**0.00185**	0.0020	0	92.4	58.9	113	11/15/2021
Dibenzo(a,h)anthracene		0.000200		**0.00183**	0.0020	0	91.6	50	134	11/15/2021
Di-n-butyl phthalate		0.0100	J	**0.0019**	0.0020	0	94.1	62.7	144	11/15/2021
Fluoranthene		0.000300		**0.00184**	0.0020	0	91.9	61.2	114	11/15/2021
Fluorene		0.000200		**0.00189**	0.0020	0	94.6	61.6	110	11/15/2021
Indeno(1,2,3-cd)pyrene		0.000200		**0.00182**	0.0020	0	90.8	54.3	128	11/15/2021
m,p-Cresol		0.0100		**0.0173**	0.0200	0	86.4	48.1	116	11/15/2021
Naphthalene		0.000400		**0.00173**	0.0020	0	86.5	51.7	105	11/15/2021
o-Cresol		0.0100		**0.0165**	0.0200	0	82.7	50	115	11/15/2021
Phenanthrene		0.000600		**0.00209**	0.0020	0	104.7	60.9	121	11/15/2021
Pyrene		0.000200		**0.00184**	0.0020	0	92.0	59.1	114	11/15/2021
Surr: 2,4,6-Tribromophenol	*			**0.00174**	0.0020		87.1	49.4	123	11/15/2021
Surr: 2-Fluorobiphenyl	*			**0.000828**	0.0010		82.8	45.5	94.3	11/15/2021
Surr: 2-Fluorophenol	*			**0.00132**	0.0020		65.8	41.6	103	11/15/2021
Surr: Nitrobenzene-d5	*			**0.000783**	0.0010		78.3	51.6	102	11/15/2021
Surr: Phenol-d5	*			**0.00131**	0.0020		65.4	32.6	109	11/15/2021
Surr: p-Terphenyl-d14	*			**0.000932**	0.0010		93.2	60.8	130	11/15/2021

Client: ERM **Work Order:** 21110730

Client Project: Ameren Taylorville 4th Qtr 2021 **Report Date:** 08-Dec-21

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

Batch **185011** **SampType:** **LCSD** Units **mg/L** RPD Limit: **40**

SampID: LCSD-185011

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		**0.00175**	0.0020	0	87.3	0.001842	5.31	11/15/2021
Acenaphthylene		0.000100		**0.00185**	0.0020	0	92.7	0.001934	4.17	11/15/2021
Anthracene		0.000300		**0.00149**	0.0020	0	74.7	0.001659	10.47	11/15/2021
Benzo(a)anthracene		0.000100		**0.00177**	0.0020	0	88.5	0.001903	7.19	11/15/2021
Benzo(a)pyrene		0.000200		**0.00156**	0.0020	0	77.8	0.001655	6.24	11/15/2021
Benzo(b)fluoranthene		0.000100		**0.00166**	0.0020	0	82.8	0.001876	12.51	11/15/2021
Benzo(g,h,i)perylene		0.000200		**0.00162**	0.0020	0	81.1	0.001742	7.16	11/15/2021
Benzo(k)fluoranthene		0.000100		**0.00177**	0.0020	0	88.5	0.001856	4.68	11/15/2021
Bis(2-ethylhexyl)phthalate		0.00600	BJ	**0.0020**	0.0020	0	100.3	0.002077	0.00	11/15/2021
Chrysene		0.000100		**0.00170**	0.0020	0	85.1	0.001848	8.27	11/15/2021
Dibenzo(a,h)anthracene		0.000200		**0.00168**	0.0020	0	83.8	0.001833	8.87	11/15/2021
Di-n-butyl phthalate		0.0100	J	**0.0018**	0.0020	0	90.3	0.001882	0.00	11/15/2021
Fluoranthene		0.000300		**0.00163**	0.0020	0	81.6	0.001839	11.97	11/15/2021
Fluorene		0.000200		**0.00177**	0.0020	0	88.4	0.001891	6.71	11/15/2021
Indeno(1,2,3-cd)pyrene		0.000200		**0.00168**	0.0020	0	83.9	0.001815	7.88	11/15/2021
m,p-Cresol		0.0100		**0.0165**	0.0200	0	82.6	0.01728	4.44	11/15/2021
Naphthalene		0.000400		**0.00165**	0.0020	0	82.4	0.001730	4.90	11/15/2021
o-Cresol		0.0100		**0.0160**	0.0200	0	79.9	0.01653	3.39	11/15/2021
Phenanthrene		0.000600		**0.00165**	0.0020	0	82.6	0.002095	23.66	11/15/2021
Pyrene		0.000200		**0.00161**	0.0020	0	80.5	0.001839	13.33	11/15/2021
Surr: 2,4,6-Tribromophenol	*			**0.00168**	0.0020		83.8			11/15/2021
Surr: 2-Fluorobiphenyl	*			**0.000779**	0.0010		77.9			11/15/2021
Surr: 2-Fluorophenol	*			**0.00134**	0.0020		66.8			11/15/2021
Surr: Nitrobenzene-d5	*			**0.000778**	0.0010		77.8			11/15/2021
Surr: Phenol-d5	*			**0.00125**	0.0020		62.6			11/15/2021
Surr: p-Terphenyl-d14	*			**0.000885**	0.0010		88.5			11/15/2021

Client: ERM **Work Order:** 21110730

Client Project: Ameren Taylorville 4th Qtr 2021 **Report Date:** 08-Dec-21

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

Batch **185052** **SampType:** **MBLK** Units **mg/L**

SampID: MBLK-185052

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**ND**						11/17/2021
Acenaphthylene		0.000100		**ND**						11/17/2021
Anthracene		0.000300	J	**0.00030**						11/17/2021
Benzo(a)anthracene		0.000100		**ND**						11/17/2021
Benzo(a)pyrene		0.000200		**ND**						11/17/2021
Benzo(b)fluoranthene		0.000100		**ND**						11/17/2021
Benzo(g,h,i)perylene		0.000200		**ND**						11/17/2021
Benzo(k)fluoranthene		0.000100		**ND**						11/17/2021
Bis(2-ethylhexyl)phthalate		0.00600		**ND**						11/17/2021
Chrysene		0.000100		**ND**						11/17/2021
Dibenzo(a,h)anthracene		0.000200		**ND**						11/17/2021
Di-n-butyl phthalate		0.0100		**ND**						11/17/2021
Fluoranthene		0.000300		**ND**						11/17/2021
Fluorene		0.000200		**ND**						11/17/2021
Indeno(1,2,3-cd)pyrene		0.000200		**ND**						11/17/2021
m,p-Cresol		0.0100		**ND**						11/17/2021
Naphthalene		0.000400		**ND**						11/17/2021
o-Cresol		0.0100		**ND**						11/17/2021
Phenanthrene		0.000600		**ND**						11/17/2021
Pyrene		0.000200		**ND**						11/17/2021
Surr: 2,4,6-Tribromophenol	*			**0.00245**	0.0020		122.7	49.4	123	11/17/2021
Surr: 2-Fluorobiphenyl	*			**0.000877**	0.0010		87.7	45.5	94.3	11/17/2021
Surr: 2-Fluorophenol	*			**0.00145**	0.0020		72.6	41.6	103	11/17/2021
Surr: Nitrobenzene-d5	*			**0.000872**	0.0010		87.2	51.6	102	11/17/2021
Surr: Phenol-d5	*			**0.00128**	0.0020		64.0	32.6	109	11/17/2021
Surr: p-Terphenyl-d14	*			**0.00122**	0.0010		121.5	60.8	130	11/17/2021

Client: ERM **Work Order:** 21110730

Client Project: Ameren Taylorville 4th Qtr 2021 **Report Date:** 08-Dec-21

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

Batch **185052** **SampType:** **LCS** Units **mg/L**

SampID: LCS-185052

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene		0.000100		**0.00197**	0.0020	0	98.6	54.7	110	11/17/2021
Acenaphthylene		0.000100		**0.00207**	0.0020	0	103.3	56.2	116	11/17/2021
Anthracene		0.000300	B	**0.00184**	0.0020	0	92.0	55.3	113	11/17/2021
Benzo(a)anthracene		0.000100		**0.00209**	0.0020	0	104.7	54.6	112	11/17/2021
Benzo(a)pyrene		0.000200		**0.00186**	0.0020	0	92.8	57.2	118	11/17/2021
Benzo(b)fluoranthene		0.000100		**0.00207**	0.0020	0	103.5	50.3	119	11/17/2021
Benzo(g,h,i)perylene		0.000200		**0.00199**	0.0020	0	99.7	59.3	122	11/17/2021
Benzo(k)fluoranthene		0.000100		**0.00218**	0.0020	0	109.2	58.8	114	11/17/2021
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0024**	0.0020	0	121.0	50	187	11/17/2021
Chrysene		0.000100		**0.00210**	0.0020	0	105.0	58.9	113	11/17/2021
Dibenzo(a,h)anthracene		0.000200		**0.00209**	0.0020	0	104.7	50	134	11/17/2021
Di-n-butyl phthalate		0.0100	J	**0.0021**	0.0020	0	104.1	62.7	144	11/17/2021
Fluoranthene		0.000300		**0.00184**	0.0020	0	92.1	61.2	114	11/17/2021
Fluorene		0.000200		**0.00217**	0.0020	0	108.4	61.6	110	11/17/2021
Indeno(1,2,3-cd)pyrene		0.000200		**0.00207**	0.0020	0	103.4	54.3	128	11/17/2021
m,p-Cresol		0.0100		**0.0159**	0.0200	0	79.4	48.1	116	11/17/2021
Naphthalene		0.000400		**0.00181**	0.0020	0	90.5	51.7	105	11/17/2021
o-Cresol		0.0100		**0.0153**	0.0200	0	76.6	50	115	11/17/2021
Phenanthrene		0.000600		**0.00201**	0.0020	0	100.7	60.9	121	11/17/2021
Pyrene		0.000200		**0.00189**	0.0020	0	94.5	59.1	114	11/17/2021
Surr: 2,4,6-Tribromophenol	*			**0.00213**	0.0020		106.4	49.4	123	11/17/2021
Surr: 2-Fluorobiphenyl	*			**0.000871**	0.0010		87.1	45.5	94.3	11/17/2021
Surr: 2-Fluorophenol	*			**0.00130**	0.0020		64.9	41.6	103	11/17/2021
Surr: Nitrobenzene-d5	*			**0.000806**	0.0010		80.6	51.6	102	11/17/2021
Surr: Phenol-d5	*			**0.00121**	0.0020		60.7	32.6	109	11/17/2021
Surr: p-Terphenyl-d14	*			**0.00105**	0.0010		105.3	60.8	130	11/17/2021

Client: ERM **Work Order:** 21110730

Client Project: Ameren Taylorville 4th Qtr 2021 **Report Date:** 08-Dec-21

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

Batch **185052** **SampType:** **LCSD** Units **mg/L** RPD Limit: **40**

SampID: LCSD-185052

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene		0.000100		**0.00206**	0.0020	0	103.2	0.001972	4.51	11/17/2021
Acenaphthylene		0.000100		**0.00219**	0.0020	0	109.7	0.002066	5.99	11/17/2021
Anthracene		0.000300	B	**0.00193**	0.0020	0	96.4	0.001839	4.73	11/17/2021
Benzo(a)anthracene		0.000100		**0.00217**	0.0020	0	108.5	0.002093	3.63	11/17/2021
Benzo(a)pyrene		0.000200		**0.00192**	0.0020	0	96.0	0.001856	3.44	11/17/2021
Benzo(b)fluoranthene		0.000100		**0.00211**	0.0020	0	105.6	0.002070	2.01	11/17/2021
Benzo(g,h,i)perylene		0.000200		**0.00203**	0.0020	0	101.3	0.001993	1.65	11/17/2021
Benzo(k)fluoranthene		0.000100		**0.00213**	0.0020	0	106.5	0.002183	2.51	11/17/2021
Bis(2-ethylhexyl)phthalate		0.00600	J	**0.0026**	0.0020	0	129.6	0.002419	0.00	11/17/2021
Chrysene		0.000100		**0.00219**	0.0020	0	109.7	0.002100	4.40	11/17/2021
Dibenzo(a,h)anthracene		0.000200		**0.00221**	0.0020	0	110.7	0.002095	5.54	11/17/2021
Di-n-butyl phthalate		0.0100	J	**0.0022**	0.0020	0	111.1	0.002082	0.00	11/17/2021
Fluoranthene		0.000300		**0.00194**	0.0020	0	97.0	0.001841	5.25	11/17/2021
Fluorene		0.000200	S	**0.00221**	0.0020	0	110.7	0.002167	2.19	11/17/2021
Indeno(1,2,3-cd)pyrene		0.000200		**0.00209**	0.0020	0	104.3	0.002067	0.88	11/17/2021
m,p-Cresol		0.0100		**0.0170**	0.0200	0	85.0	0.01589	6.84	11/17/2021
Naphthalene		0.000400		**0.00188**	0.0020	0	93.8	0.001810	3.56	11/17/2021
o-Cresol		0.0100		**0.0165**	0.0200	0	82.4	0.01532	7.37	11/17/2021
Phenanthrene		0.000600		**0.00201**	0.0020	0	100.5	0.002014	0.15	11/17/2021
Pyrene		0.000200		**0.00200**	0.0020	0	100.0	0.001891	5.63	11/17/2021
Surr: 2,4,6-Tribromophenol	*			**0.00210**	0.0020		104.9			11/17/2021
Surr: 2-Fluorobiphenyl	*			**0.000872**	0.0010		87.2			11/17/2021
Surr: 2-Fluorophenol	*			**0.00130**	0.0020		64.8			11/17/2021
Surr: Nitrobenzene-d5	*			**0.000822**	0.0010		82.2			11/17/2021
Surr: Phenol-d5	*			**0.00121**	0.0020		60.7			11/17/2021
Surr: p-Terphenyl-d14	*			**0.00107**	0.0010		107.2			11/17/2021

Client: ERM **Work Order:** 21110730

Client Project: Ameren Taylorville 4th Qtr 2021 **Report Date:** 08-Dec-21

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

Batch 184935 **SampType:** MBLK Units **µg/L**

SampID: MBLK-AM211111A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**ND**						11/11/2021
Bromoform	*	2.0		**ND**						11/11/2021
Ethylbenzene	*	2.0		**ND**						11/11/2021
m,p-Xylenes	*	2.0		**ND**						11/11/2021
Methylene chloride	*	2.0		**ND**						11/11/2021
Naphthalene	*	5.0		**ND**						11/11/2021
o-Xylene	*	2.0		**ND**						11/11/2021
Toluene	*	2.0		**ND**						11/11/2021
trans-1,2-Dichloroethene	*	2.0		**ND**						11/11/2021
Xylenes, Total	*	4.0		**ND**						11/11/2021
Surr: 1,2-Dichloroethane-d4	*			**50.1**	50.00		100.2	80	120	11/11/2021
Surr: 4-Bromofluorobenzene	*			**50.6**	50.00		101.1	80	120	11/11/2021
Surr: Dibromofluoromethane	*			**50.8**	50.00		101.5	80	120	11/11/2021
Surr: Toluene-d8	*			**49.8**	50.00		99.5	80	120	11/11/2021

Batch 184935 **SampType:** LCS Units **µg/L**

SampID: LCS-AM211111A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**44.9**	50.00	0	89.8	78.5	119	11/11/2021
Bromoform	*	2.0		**42.7**	50.00	0	85.4	78.9	121	11/11/2021
Ethylbenzene	*	2.0		**45.2**	50.00	0	90.4	78.2	114	11/11/2021
m,p-Xylenes	*	2.0		**90.6**	100.0	0	90.6	77.2	116	11/11/2021
Methylene chloride	*	2.0		**44.5**	50.00	0	89.0	71.8	115	11/11/2021
Naphthalene	*	5.0		**40.6**	50.00	0	81.1	75.6	121	11/11/2021
o-Xylene	*	2.0		**43.7**	50.00	0	87.4	79.2	112	11/11/2021
Toluene	*	2.0		**44.0**	50.00	0	88.0	78.6	112	11/11/2021
trans-1,2-Dichloroethene	*	2.0		**45.2**	50.00	0	90.5	75.7	130	11/11/2021
Xylenes, Total	*	4.0		**134**	150.0	0	89.5	78.3	114	11/11/2021
Surr: 1,2-Dichloroethane-d4	*			**49.6**	50.00		99.1	80	120	11/11/2021
Surr: 4-Bromofluorobenzene	*			**49.1**	50.00		98.2	80	120	11/11/2021
Surr: Dibromofluoromethane	*			**49.3**	50.00		98.6	80	120	11/11/2021
Surr: Toluene-d8	*			**49.9**	50.00		99.8	80	120	11/11/2021

Client: ERM **Work Order:** 21110730

Client Project: Ameren Taylorville 4th Qtr 2021 **Report Date:** 08-Dec-21

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

Batch 184935 **SampType:** LCSD Units **µg/L** RPD Limit: **15.9**

SampID: LCSD-AM211111A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	*	0.5		**44.2**	50.00	0	88.5	44.91	1.48	11/11/2021
Bromoform	*	2.0		**41.9**	50.00	0	83.7	42.68	1.94	11/11/2021
Ethylbenzene	*	2.0		**44.2**	50.00	0	88.4	45.19	2.22	11/11/2021
m,p-Xylenes	*	2.0		**88.6**	100.0	0	88.6	90.56	2.13	11/11/2021
Methylene chloride	*	2.0		**43.7**	50.00	0	87.4	44.52	1.84	11/11/2021
Naphthalene	*	5.0		**39.8**	50.00	0	79.7	40.55	1.77	11/11/2021
o-Xylene	*	2.0		**42.9**	50.00	0	85.9	43.72	1.80	11/11/2021
Toluene	*	2.0		**43.3**	50.00	0	86.6	43.98	1.60	11/11/2021
trans-1,2-Dichloroethene	*	2.0		**44.2**	50.00	0	88.4	45.24	2.33	11/11/2021
Xylenes, Total	*	4.0		**132**	150.0	0	87.7	134.3	2.02	11/11/2021
Surr: 1,2-Dichloroethane-d4	*			**49.5**	50.00		99.1			11/11/2021
Surr: 4-Bromofluorobenzene	*			**49.2**	50.00		98.3			11/11/2021
Surr: Dibromofluoromethane	*			**48.7**	50.00		97.4			11/11/2021
Surr: Toluene-d8	*			**49.7**	50.00		99.4			11/11/2021

Batch 184935 **SampType:** MS Units **µg/L**

SampID: 21110730-006BMS

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene		0.50		**49.2**	50.00	0	98.3	72	120	11/11/2021
Ethylbenzene		1.00		**50.8**	50.00	0.3200	101.1	74.8	115	11/11/2021
m,p-Xylenes		1.00		**49.4**	50.00	0.5400	97.7	69.7	115	11/11/2021
o-Xylene		1.00		**48.2**	50.00	0.2100	96.0	72.9	111	11/11/2021
Toluene		2.00		**47.1**	50.00	0	94.3	70.6	109	11/11/2021
Xylenes, Total		2.00		**97.6**	100.0	0.7500	96.8	72.1	113	11/11/2021
Surr: 1,2-Dichloroethane-d4	*			**51.2**	50.00		102.5	80	120	11/11/2021
Surr: 4-Bromofluorobenzene	*			**51.8**	50.00		103.5	80	120	11/11/2021
Surr: Dibromofluoromethane	*			**49.2**	50.00		98.5	80	120	11/11/2021
Surr: Toluene-d8	*			**48.4**	50.00		96.7	80	120	11/11/2021

Client: ERM **Work Order:** 21110730

Client Project: Ameren Taylorville 4th Qtr 2021 **Report Date:** 08-Dec-21

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

Batch 184935 **SampType:** MSD Units **µg/L** RPD Limit: **20**

SampID: 21110730-006BMSD

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene		0.50		**52.8**	50.00	0	105.7	49.17	7.18	11/11/2021
Ethylbenzene		1.00		**54.0**	50.00	0.3200	107.3	50.85	5.97	11/11/2021
m,p-Xylenes		1.00		**52.9**	50.00	0.5400	104.8	49.38	6.96	11/11/2021
o-Xylene		1.00		**51.5**	50.00	0.2100	102.6	48.21	6.66	11/11/2021
Toluene		2.00		**50.5**	50.00	0	100.9	47.13	6.82	11/11/2021
Xylenes, Total		2.00		**104**	100.0	0.7500	103.7	97.59	6.81	11/11/2021
Surr: 1,2-Dichloroethane-d4	*			**51.7**	50.00		103.4			11/11/2021
Surr: 4-Bromofluorobenzene	*			**51.5**	50.00		103.0			11/11/2021
Surr: Dibromofluoromethane	*			**50.0**	50.00		100.0			11/11/2021
Surr: Toluene-d8	*			**48.4**	50.00		96.8			11/11/2021

Batch 184939 **SampType:** MBLK Units **µg/L**

SampID: MBLK-AE211111A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**ND**						11/11/2021
Bromoform	*	2.0		**ND**						11/11/2021
Ethylbenzene	*	2.0		**ND**						11/11/2021
m,p-Xylenes	*	2.0		**ND**						11/11/2021
Methylene chloride	*	2.0		**ND**						11/11/2021
Naphthalene	*	5.0		**ND**						11/11/2021
o-Xylene	*	2.0		**ND**						11/11/2021
Toluene	*	2.0		**ND**						11/11/2021
trans-1,2-Dichloroethene	*	2.0		**ND**						11/11/2021
Xylenes, Total	*	4.0		**ND**						11/11/2021
Surr: 1,2-Dichloroethane-d4	*			**52.4**	50.00		104.8	80	120	11/11/2021
Surr: 4-Bromofluorobenzene	*			**49.5**	50.00		99.0	80	120	11/11/2021
Surr: Dibromofluoromethane	*			**51.4**	50.00		102.8	80	120	11/11/2021
Surr: Toluene-d8	*			**47.1**	50.00		94.3	80	120	11/11/2021

Client: ERM **Work Order:** 21110730

Client Project: Ameren Taylorville 4th Qtr 2021 **Report Date:** 08-Dec-21

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

Batch 184939 **SampType:** LCS Units **µg/L**

SampID: LCS-AE211111A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**56.1**	50.00	0	112.2	78.5	119	11/11/2021
Bromoform	*	2.0		**51.4**	50.00	0	102.7	78.9	121	11/11/2021
Ethylbenzene	*	2.0		**50.3**	50.00	0	100.6	78.2	114	11/11/2021
m,p-Xylenes	*	2.0		**102**	100.0	0	101.5	77.2	116	11/11/2021
Methylene chloride	*	2.0	S	**61.3**	50.00	0	122.6	71.8	115	11/11/2021
Naphthalene	*	5.0		**50.1**	50.00	0	100.3	75.6	121	11/11/2021
o-Xylene	*	2.0		**49.7**	50.00	0	99.4	79.2	112	11/11/2021
Toluene	*	2.0		**50.6**	50.00	0	101.2	78.6	112	11/11/2021
trans-1,2-Dichloroethene	*	2.0		**62.1**	50.00	0	124.3	75.7	130	11/11/2021
Xylenes, Total	*	4.0		**151**	150.0	0	100.8	78.3	114	11/11/2021
Surr: 1,2-Dichloroethane-d4	*			**51.7**	50.00		103.4	80	120	11/11/2021
Surr: 4-Bromofluorobenzene	*			**49.7**	50.00		99.4	80	120	11/11/2021
Surr: Dibromofluoromethane	*			**51.7**	50.00		103.4	80	120	11/11/2021
Surr: Toluene-d8	*			**46.9**	50.00		93.7	80	120	11/11/2021

Batch 184939 **SampType:** LCSD Units **µg/L** RPD Limit: **15.9**

SampID: LCSD-AE211111A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	*	0.5		**55.2**	50.00	0	110.4	56.11	1.62	11/11/2021
Bromoform	*	2.0		**51.4**	50.00	0	102.7	51.36	0.00	11/11/2021
Ethylbenzene	*	2.0		**50.6**	50.00	0	101.2	50.28	0.65	11/11/2021
m,p-Xylenes	*	2.0		**102**	100.0	0	102.0	101.5	0.50	11/11/2021
Methylene chloride	*	2.0		**55.5**	50.00	0	111.0	61.30	9.93	11/11/2021
Naphthalene	*	5.0		**50.0**	50.00	0	100.0	50.13	0.22	11/11/2021
o-Xylene	*	2.0		**49.3**	50.00	0	98.6	49.69	0.77	11/11/2021
Toluene	*	2.0		**50.0**	50.00	0	100.0	50.58	1.13	11/11/2021
trans-1,2-Dichloroethene	*	2.0		**59.7**	50.00	0	119.4	62.13	4.02	11/11/2021
Xylenes, Total	*	4.0		**151**	150.0	0	100.9	151.2	0.09	11/11/2021
Surr: 1,2-Dichloroethane-d4	*			**50.8**	50.00		101.7			11/11/2021
Surr: 4-Bromofluorobenzene	*			**49.3**	50.00		98.5			11/11/2021
Surr: Dibromofluoromethane	*			**51.6**	50.00		103.3			11/11/2021
Surr: Toluene-d8	*			**47.1**	50.00		94.2			11/11/2021

Client: ERM **Work Order:** 21110730

Client Project: Ameren Taylorville 4th Qtr 2021 **Report Date:** 08-Dec-21

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

Batch 184974 **SampType:** MBLK Units **µg/L**

SampID: MBLK-AE211112A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**ND**						11/12/2021
Bromoform	*	2.0		**ND**						11/12/2021
Ethylbenzene	*	2.0		**ND**						11/12/2021
m,p-Xylenes	*	2.0		**ND**						11/12/2021
Methylene chloride	*	2.0		**ND**						11/12/2021
Naphthalene	*	5.0		**ND**						11/12/2021
o-Xylene	*	2.0		**ND**						11/12/2021
Toluene	*	2.0		**ND**						11/12/2021
trans-1,2-Dichloroethene	*	2.0		**ND**						11/12/2021
Xylenes, Total	*	4.0		**ND**						11/12/2021
Surr: 1,2-Dichloroethane-d4	*			**53.1**	50.00		106.2	80	120	11/12/2021
Surr: 4-Bromofluorobenzene	*			**50.8**	50.00		101.6	80	120	11/12/2021
Surr: Dibromofluoromethane	*			**49.1**	50.00		98.1	80	120	11/12/2021
Surr: Toluene-d8	*			**59.3**	50.00		118.6	80	120	11/12/2021

Batch 184974 **SampType:** LCS Units **µg/L**

SampID: LCS-AE211112A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**42.7**	50.00	0	85.4	78.5	119	11/12/2021
Bromoform	*	2.0		**49.6**	50.00	0	99.2	78.9	121	11/12/2021
Ethylbenzene	*	2.0		**46.7**	50.00	0	93.5	78.2	114	11/12/2021
m,p-Xylenes	*	2.0		**94.2**	100.0	0	94.2	77.2	116	11/12/2021
Methylene chloride	*	2.0		**38.3**	50.00	0	76.6	71.8	115	11/12/2021
Naphthalene	*	5.0		**55.1**	50.00	0	110.2	75.6	121	11/12/2021
o-Xylene	*	2.0		**46.2**	50.00	0	92.5	79.2	112	11/12/2021
Toluene	*	2.0		**46.3**	50.00	0	92.5	78.6	112	11/12/2021
trans-1,2-Dichloroethene	*	2.0		**39.3**	50.00	0	78.5	75.7	130	11/12/2021
Xylenes, Total	*	4.0		**140**	150.0	0	93.6	78.3	114	11/12/2021
Surr: 1,2-Dichloroethane-d4	*			**52.3**	50.00		104.6	80	120	11/12/2021
Surr: 4-Bromofluorobenzene	*			**49.2**	50.00		98.3	80	120	11/12/2021
Surr: Dibromofluoromethane	*			**49.6**	50.00		99.1	80	120	11/12/2021
Surr: Toluene-d8	*			**51.4**	50.00		102.8	80	120	11/12/2021

Client: ERM **Work Order:** 21110730

Client Project: Ameren Taylorville 4th Qtr 2021 **Report Date:** 08-Dec-21

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

Batch 185600 **SampType:** MBLK Units µg/L

SampID: MBLK-AE211203A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**ND**						12/03/2021
Bromoform	*	2.0		**ND**						12/03/2021
Ethylbenzene	*	2.0		**ND**						12/03/2021
m,p-Xylenes	*	2.0		**ND**						12/03/2021
Methylene chloride	*	2.0		**ND**						12/03/2021
Naphthalene	*	5.0		**ND**						12/03/2021
o-Xylene	*	2.0		**ND**						12/03/2021
Toluene	*	2.0		**ND**						12/03/2021
trans-1,2-Dichloroethene	*	2.0		**ND**						12/03/2021
Xylenes, Total	*	4.0		**ND**						12/03/2021
Surr: 1,2-Dichloroethane-d4	*			**57.9**	50.00		115.7	80	120	12/03/2021
Surr: 4-Bromofluorobenzene	*			**50.7**	50.00		101.5	80	120	12/03/2021
Surr: Dibromofluoromethane	*			**52.3**	50.00		104.6	80	120	12/03/2021
Surr: Toluene-d8	*			**49.1**	50.00		98.3	80	120	12/03/2021

Batch 185600 **SampType:** LCS Units µg/L

SampID: LCS-AE211203A-1

Analyses	Cert	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	*	0.5		**50.4**	50.00	0	100.8	78.5	119	12/03/2021
Bromoform	*	2.0		**48.8**	50.00	0	97.5	78.9	121	12/03/2021
Ethylbenzene	*	2.0		**48.2**	50.00	0	96.3	78.2	114	12/03/2021
m,p-Xylenes	*	2.0		**97.4**	100.0	0	97.4	77.2	116	12/03/2021
Methylene chloride	*	2.0		**57.0**	50.00	0	114.1	71.8	115	12/03/2021
Naphthalene	*	5.0		**45.3**	50.00	0	90.5	75.6	121	12/03/2021
o-Xylene	*	2.0		**48.1**	50.00	0	96.2	79.2	112	12/03/2021
Toluene	*	2.0		**48.2**	50.00	0	96.4	78.6	112	12/03/2021
trans-1,2-Dichloroethene	*	2.0		**56.1**	50.00	0	112.3	75.7	130	12/03/2021
Xylenes, Total	*	4.0		**146**	150.0	0	97.0	78.3	114	12/03/2021
Surr: 1,2-Dichloroethane-d4	*			**56.9**	50.00		113.7	80	120	12/03/2021
Surr: 4-Bromofluorobenzene	*			**49.9**	50.00		99.9	80	120	12/03/2021
Surr: Dibromofluoromethane	*			**53.2**	50.00		106.4	80	120	12/03/2021
Surr: Toluene-d8	*			**48.8**	50.00		97.7	80	120	12/03/2021

Client: ERM **Work Order:** 21110730

Client Project: Ameren Taylorville 4th Qtr 2021 **Report Date:** 08-Dec-21

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

Batch **185600** **SampType:** **LCSD** Units **µg/L** RPD Limit: **15.9**

SampID: LCSD-AE211203A-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	50.38	2.57	12/03/2021
Bromoform	*	2.0		**47.4**	50.00	0	94.7	48.77	2.95	12/03/2021
Ethylbenzene	*	2.0		**47.0**	50.00	0	94.1	48.17	2.39	12/03/2021
m,p-Xylenes	*	2.0		**95.0**	100.0	0	95.0	97.41	2.54	12/03/2021
Methylene chloride	*	2.0		**56.0**	50.00	0	112.0	57.05	1.84	12/03/2021
Naphthalene	*	5.0		**45.4**	50.00	0	90.9	45.26	0.42	12/03/2021
o-Xylene	*	2.0		**46.8**	50.00	0	93.6	48.12	2.82	12/03/2021
Toluene	*	2.0		**46.9**	50.00	0	93.8	48.22	2.75	12/03/2021
trans-1,2-Dichloroethene	*	2.0		**55.0**	50.00	0	109.9	56.13	2.09	12/03/2021
Xylenes, Total	*	4.0		**142**	150.0	0	94.5	145.5	2.63	12/03/2021
Surr: 1,2-Dichloroethane-d4	*			**57.0**	50.00		113.9			12/03/2021
Surr: 4-Bromofluorobenzene	*			**50.3**	50.00		100.5			12/03/2021
Surr: Dibromofluoromethane	*			**52.6**	50.00		105.2			12/03/2021
Surr: Toluene-d8	*			**48.7**	50.00		97.4			12/03/2021

Receiving Check List

http://www.teklabinc.com/

Client: ERM

Client Project: Ameren Taylorville 4th Qtr 2021

Work Order: 21110730

Report Date: 08-Dec-21

Carrier: Michael Abegg

Received By: EEH

Completed by: Marvin L. Darling II
On: 10-Nov-21
Marvin L. Darling

Reviewed by: Elizabeth A. Hurley
On: 10-Nov-21
Elizabeth A. Hurley

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

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C 0.6
Type of thermal preservation?	None ☐	Ice ☑	Blue Ice ☐	Dry Ice ☐
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Reported field parameters measured:	Field ☐	Lab ☐	NA ☑	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐		
When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.				
Water – at least one vial per sample has zero headspace?	Yes ☑	No ☐	No VOA vials ☐	
Water - TOX containers have zero headspace?	Yes ☐	No ☐	No TOX containers ☑	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	NA ☐	
NPDES/CWA TCN interferences checked/treated in the field?	Yes ☐	No ☐	NA ☑	

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

Trip Blank collection date and time will be reported as the received date and time (end of trip). - MDarling - 11/10/2021 3:38:51 PM

CHAIN OF CUSTODY

pg. 1 of 3 Work order # 21110730

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 0.6 °C LTG# 3
Preserved in: ☐ LAB ☐ FIELD **FOR LAB USE ONLY**
Lab Notes: OHS EOH 11/10/21

Client Comments
MS/MSD 1 taken at GW-07

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 4th Qtr 2021	Abess / Burnstein

Results Requested
☑ Standard ☐ 1-2 Day (100% Surcharge)
☐ Other ____ ☐ 3 Day (50% Surcharge)

Billing Instructions

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNP	HCl	MATRIX: Aqueous	Groundwater	Trip Blank	INDICATE ANALYSIS REQUESTED: PAHs	VOCs
21110730 -001	GW-01	11/9/21; 0945	1	2		X		X	X
-002	GW-02	11/9/21; 1350	1	2		X		X	X
-003	GW-03	11/9/21; 1325	1	2		X		X	X
-004	GW-04R	11/9/21; 1305	1	2		X		X	X
-005	GW-05	11/9/21; 0900	1	2		X		X	X
-006	GW-07	11/9/21; 1505	1	2		X		X	X
-007	GW-14	11/9/21; 1610	1	2		X		X	X
-008	GW-15	11/9/21; 1250	1	2		X		X	X
-009	GW-16S	11/8/21; 1500	1	2		X		X	X
-010	GW-16D	11/8/21; 1440	1	2		X		X	X

Relinquished By	Date/Time	Received By	Date/Time
[signature] (ERM)	11/10/21 : 1350	[signature]	11/10/21 1350

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: 68865

EOH

CHAIN OF CUSTODY

pg. 2 of 3 Work order # 21110730

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
MS/MSD 1 taken at GW-07

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 4th Qtr 2021
Sample Collector's Name: Abess / Bernstein

Results Requested: ☒ Standard ☐ 1-2 Day (100% Surcharge) ☐ Other ____ ☐ 3 Day (50% Surcharge)
Billing Instructions:

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNP	HCl	MATRIX: Aqueous	Groundwater	Trip Blank	INDICATE ANALYSIS REQUESTED: PAHs	VOCs
21110730-011	GW-17	11/8/21; 1510	1	2		X		X	X
-012	GW-18S	11/10/21; 1110	1	2		X		X	X
-013	GW-18D	11/10/21; 1050	1	2		X		X	X
-014	GW-19S	11/10/21; 0925	1	2		X		X	X
-015	GW-19D	11/10/21; 0905	1	2		X		X	X
-016	GW-20	11/10/21; 0735	1	2		X		X	X
-017	GW-21	11/9/21; 0740	1	2		X		X	X
-018	GW-22S	11/9/21; 1135	1	2		X		X	X
-019	GW-22D	11/9/21; 1120	1	2		X		X	X
~~-020~~	~~GW-24~~		1	2		X		X	X

Relinquished By	Date/Time	Received By	Date/Time
[signature] (ERM)	11/10/21; 1350	S Hay	11/10/21 1350

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: 68865

CHAIN OF CUSTODY

pg. 3 of 3 Work order # 21110730

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 MS/MSD taken at GW-07

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 4th Qtr 2021	Abess / Bernstein

Results Requested: ☒ Standard ☐ 1-2 Day (100% Surcharge) ☐ Other ____ ☐ 3 Day (50% Surcharge)

Billing Instructions

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNP	HCl	MATRIX: Aqueous	Groundwater	Trip Blank	INDICATE ANALYSIS REQUESTED: PAHs	VOCs
-020	~~Dup 1~~ GW-22S-Dup	11/9/21; 1135	1	2		X		X	X
21110730 -021 ~~-020~~	Field Blank 1	11/9/21; 0700	1	2	X			X	X
022 ~~-021~~	Trip Blank 1	— : —		2			X		X
023 ~~-022~~	Trip Blank 2	— : —		2			X		X
	~~Trip Blank 3~~			~~2~~			X		X
	~~Trip Blank 4~~			2			X		X
024 ~~-023~~	~~Dup 2~~ GW-18S-Dup	11/10/21; 1110	1	2		X		X	X
025 ~~-024~~	GW-25	11/8/21; 1600	1	2		X		X	X
026 ~~-025~~	GW-26	11/8/21; 1640	1	2		X		X	X
TE 11/10/21	MS/MSD	11/9/21; 1505	3	6		X		X	X

Relinquished By	Date/Time	Received By	Date/Time
[signature] CERM	11/10/21; 1350	S Hayes	11/10/21 1350

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: 68865

ATTACHMENT B

SUMMARY OF ANALYTICAL RESULTS 2015 – NOVEMBER 2021

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

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

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

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

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

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

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

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

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

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

GW-01 Analyte	Unit	Remediation Objective (RO)	Result 5/13/2021	Result 8/11/2021	Result 11/9/2021
Acenaphthene	mg/L	0.42	NA	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	NA	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	NA	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	NA	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	NA	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	NA	**0.000074 J**	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	NA	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	NA	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	NA	< 0.002	< 0.002
Chrysene	mg/L	0.0015	NA	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	NA	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	NA	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	NA	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	NA	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	NA	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	NA	< 0.01	< 0.01
o-Cresol	mg/L	0.35	NA	< 0.01	< 0.0004
Naphthalene	mg/L	0.14	NA	< 0.0004	< 0.01
Phenanthrene	mg/L	-	NA	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	NA	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	**0.37 J**
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	**0.37 J**

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

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

GW-02 Analyte	Unit	Remediation Objective (RO)	Result 3/4/2015	Result 5/12/2015	Result 8/18/2015	Result 11/3/2015	Result 2/17/2016	Result 5/25/2016	Result 8/17/2016	Result 11/15/2016	Result 2/16/2017
Acenaphthene	mg/L	0.42	**0.0081 J**	**0.00053 J**	< 0.01	**0.0213**	**0.004 J**	< 0.01	< 0.01	**0.00019 J**	**0.0053 J**
Acenaphthylene	mg/L	-	**0.004 J**	**0.00065 J**	**0.0001 J**	**0.0163**	**0.0056 J**	**0.0004 J**	**0.00011 J**	**0.0019 J**	**0.0087 J**
Anthracene	mg/L	2.1	**0.00035 J**	**0.00019 J**	**0.00018 J**	**0.00036 J**	**0.00026 J**	**0.00029 J**	**0.00026 J**	**0.00025 J**	**0.00036 J**
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.00006 J**
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00401**	**0.0472**	**0.00442**	**0.0021**	**0.0017 J**	---	---	---	---
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	**0.00013 J**	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	**0.00039 J**	< 0.0021	< 0.0021	**0.0001 J**	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	**0.00015 B**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	**0.00012 J**	< 0.0064	**0.00023 J**	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	**0.00013 J**	**0.00011 J**	< 0.0027	< 0.0027	**0.00009 J**	**0.00009 J**
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	**5.44**	< 0.6	**1.53**	**1.53**	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

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

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

GW-02 Analyte	Unit	Remediation Objective (RO)	Result 5/16/2017	Result 8/18/2017	Result 11/21/2017	Result 2/15/2018	Result 5/9/2018	Result 8/14/2018	Result 2/20/2019	Result 5/8/2019	Result (DUP) 5/8/2019
Acenaphthene	mg/L	0.42	**0.0089 J**	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	**0.0103**	**0.00048 J**	**0.000323**	**0.000062 J**	**0.000791**	**0.000065 J**	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	**0.0012 J**	**0.00057 J**	**0.000329**	**0.000348**	**0.000273**	**0.000239**	**0.000243**	**0.000134**	**0.000113**
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000056 J**	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000059 J**	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00229**	**0.00746**	< 0.008	**0.0018 J**	< 0.002	**0.00615**	**0.0108**	**0.00416**	**0.00756**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.00006 J**	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	---	---	---	---	---	---	---
Fluoranthene	mg/L	0.28	**0.00022 J**	**0.00019 J**	**0.000118**	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	**0.00099 J**	**0.00012 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	**0.00057**	< 0.0002
Phenanthrene	mg/L	-	**0.0018 J**	< 0.0064	< 0.0001	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	**0.00029 J**	**0.00022 J**	**0.000151**	**0.000155**	**0.000159**	**0.00012**	**0.00013 BJ**	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	**1.21**	< 0.6	< 0.1	< 2	< 2	< 2	< 2	**1.5 J**	< 2
o-Xylene	µg/L	-	< 2	< 2	< 1	< 1	< 1	< 1	< 1	**0.11 J**	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 2	< 2

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

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

GW-02 Analyte	Unit	Remediation Objective (RO)	Result 8/13/2019	Result 11/14/2019	Result (DUP) 11/14/2019	Result 2/19/2020	Result 5/14/2020	Result (DUP) 5/14/2020	Result 8/14/2020	Result 11/11/2020	Result (DUP) 11/11/2020	Result 2/24/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	**0.000085 J**	**0.00017**	0.000165	< 0.0001 B	< 0.000254	< 0.000254	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 0.0001	< 0.0001	< 0.0001	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000169	< 0.000169	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0377**	**0.00335**	**0.00349**	**0.00726**	< 0.00169 C	< 0.00169 C	**0.0225 C**	< 0.002 C	< 0.002 C	**0.00364 C**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000085	< 0.000085	< 0.0001	< 0.0001	< 0.0001	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.00847	< 0.00847	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000254	< 0.000254	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000169	< 0.000169	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001 B	< 0.000085	< 0.000085	< 0.0001	< 0.0001	< 0.0001	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.00847	< 0.00847	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.01	< 0.00847	< 0.00847	< 0.01	< 0.0004	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	0.000268	< 0.0002	< 0.000339	< 0.000339	< 0.0004	< 0.01	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000508	< 0.000508	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	**0.00014 J**	0.00012	< 0.0002 B	< 0.000169	< 0.000169	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	**1.6 J**	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2 B	< 2 B
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2

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

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

GW-02 Analyte	Unit	Remediation Objective (RO)	Result 5/13/2021	Result 8/11/2021	Result 11/9/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	**0.000074 J**	< 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	**0.00206**	**0.0195**	< 0.002 B
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	< 0.0004	< 0.01	< 0.0004
Naphthalene	mg/L	0.14	< 0.01	< 0.0004	< 0.01
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	-	< 1	< 1	**0.35 J**
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	**0.35 J**

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

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

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

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

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

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

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

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

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

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

GW-03 Analyte	Unit	Remediation Objective (RO)	Result 2/24/2021	Result (DUP) 2/24/2021	Result 5/13/2021	Result 8/11/2021	Result 11/9/2021
Acenaphthene	mg/L	0.42	**0.00078**	**0.000795**	**0.000597**	**0.000938**	**0.000681**
Acenaphthylene	mg/L	-	**0.00346**	**0.00309**	**0.00245**	**0.00292**	**0.00242**
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	**0.00024 J**	**0.00023 J**
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 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	**0.00316**	< 0.002	**0.0018 J**	< 0.002	**0.0019 BJ**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 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**
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	**0.239**	**0.181**	**0.202 S**	**0.157**	**0.129**
Phenanthrene	mg/L	-	**0.001080**	**0.000925**	**0.000769**	**0.00127**	**0.000785**
Pyrene	mg/L	0.21	< 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**
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	**32.4**	**31.6**	**12.5**	**37.9**	**13.2**
m,p-Xylenes	µg/L	-	**25.8**	**25.5**	**6.19**	**16.4**	**3.16**
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	**421**	**425**	**285 E**	**511**	**224**
o-Xylene	µg/L	-	**41.7**	**40.7**	**15.7**	**38**	**13.8**
Toluene	µg/L	1000	**5.63**	**5.52**	**1.3 J**	**4.37**	**2** J
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	**67.5**	**66.2**	**21.9**	**54.4**	**17**

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

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

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

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

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

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

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

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

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

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

GW-04 Analyte	Unit	Remediation Objective (RO)	Result 8/12/2021	Result - DUP 8/12/2021	Result 11/9/2021
Acenaphthene	mg/L	0.42	**0.022**	**0.0239**	**0.0274**
Acenaphthylene	mg/L	-	**0.00618**	**0.00584**	**0.00531**
Anthracene	mg/L	2.1	**0.000745**	**0.000691**	**0.00093**
Benzo(a)anthracene	mg/L	0.00013	**0.000158**	**0.000173**	**0.000214**
Benzo(a)pyrene	mg/L	0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	**0.000125**	**0.000192**	**0.000226**
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	**0.00007 J**
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	< 0.002	< 0.002 B
Chrysene	mg/L	0.0015	**0.000491**	**0.000501**	**0.000754**
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	**0.00379**	**0.00404**	**0.00397**
Fluorene	mg/L	0.28	**0.0689**	**0.0776**	**0.07**
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	**0.007 J**	**0.0083 J**	< 0.01
o-Cresol	mg/L	0.35	**0.0095 J**	**0.0074 J**	< 0.01
Naphthalene	mg/L	0.14	**1.62**	**1.75**	**2.43**
Phenanthrene	mg/L	-	**0.0562**	**0.0609**	**0.0542**
Pyrene	mg/L	0.21	**0.00184**	**0.00184**	**0.0019**
Benzene	µg/L	5.0	**652**	**658**	**798**
Bromoform	µg/L	1.0	< 100	< 2	< 200
Ethylbenzene	µg/L	700	**235**	**243**	**331**
m,p-Xylenes	µg/L	-	**135**	**146**	**166**
Methylene chloride	µg/L	5.0	< 100	< 2	< 200
Naphthalene	µg/L	140	**3020**	**3020**	**3520**
o-Xylene	µg/L	-	**108**	**118**	**178**
Toluene	µg/L	1000	**256**	**255**	**216**
trans-1,2-Dichloroethene	µg/L	100	< 100	< 2	< 200
Xylenes, Total	µg/L	10000	**243**	**265**	**344**

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

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

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

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

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

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

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

GW-05 Analyte	Unit	Remediation Objective (RO)	Result 8/13/2018	Result 11/7/2018	Result 2/20/2019	Result 5/7/2019	Result 8/14/2019	Result 11/14/2019	Result 2/20/2020	Result 5/12/2020	Result 8/13/2020	Result (DUP) 8/13/2020
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000056 J**	< 0.000078	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	**0.00008 J**	< 0.0001	**0.000051 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000233	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	**0.000094 J**	< 0.0001	**0.000197**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	**0.000079 J**	< 0.0001	**0.000097 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	**0.000066 J**	< 0.0001	**0.000206**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	**0.000045 J**	< 0.0001	**0.000084 J**	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000155	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00256**	**0.00287**	**0.0049**	**0.0103**	**0.00671**	**0.0089**	< 0.002	**0.0101**	**0.00227 C**	**0.00286 C**
Chrysene	mg/L	0.0015	**0.000062 J**	< 0.0001	**0.000268**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00775	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	**0.000204**	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000233	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	**0.000141**	< 0.0001	< 0.0001	< 0.0001	0.000158	< 0.000155	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	**0.000088 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000078	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00775	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	< 0.01	< 0.01	< 0.01	< 0.00775	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	---	---	< 0.0002	**0.000214**	**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 2
Summary of Analytical Results 2015 - February 2021
Ameren Taylorville, IL MGP Site

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

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

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

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter
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 2
Summary of Analytical Results 2015 - February 2021
Ameren Taylorville, IL MGP Site

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

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
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R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
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Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter
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 2
Summary of Analytical Results 2015 - February 2021
Ameren Taylorville, IL MGP Site

GW-07 Analyte	Unit	Remediation Objective (RO)	Result 5/8/2019	Result 8/13/2019	Result (Dup) 8/13/2019	Result 11/13/2019	Result 2/18/2020	Result 5/12/2020	Result 8/13/2020	Result 11/10/2020	Result 2/23/2021
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	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.0002	< 0.0002	**0.00019 J**	< 0.000288	< 0.0004	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000432	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	**0.00312**	**0.00199**	**0.00194**	**0.00012 JSR**	**0.0016**	**0.00152**	**0.0014**	**0.00185**	**0.00197**
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	**0.51**	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.12 J**	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2 B	< 2	< 2	< 2	**6.07**	< 2	**0.64 J**	**1.4 J**	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	**0.1 J**	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2

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

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

GW-07 Analyte	Unit	Remediation Objective (RO)	Result 5/12/2021	Result 8/12/2021	Result 11/9/2021
Acenaphthene	mg/L	0.42	**0.000118**	**0.000079 J**	**0.000136**
Acenaphthylene	mg/L	-	**0.000117**	**0.000137**	**0.000186**
Anthracene	mg/L	2.1	**0.00119**	**0.00124**	**0.00146**
Benzo(a)anthracene	mg/L	0.00013	**0.000161**	**0.000186**	**0.000235**
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	**0.00732**	**0.00233**	**0.00403 S**
Chrysene	mg/L	0.0015	**0.000102**	**0.000122**	**0.00017**
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	**0.00136**	**0.00146**	**0.00164**
Fluorene	mg/L	0.28	**0.000343**	**0.000305**	**0.00039**
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	**0.00329**	**0.01**	< 0.0004
Naphthalene	mg/L	0.14	< 0.01	< 0.0004	< 0.01
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	**0.00227**	**0.00233**	**0.0026**
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	**0.32 J**
m,p-Xylenes	µg/L	-	< 1	< 1	**0.54 J**
Methylene chloride	µg/L	5.0	< 2	< 2	< 2
Naphthalene	µg/L	140	**1.4 J**	< 2	< 2 H
o-Xylene	µg/L	-	< 1	< 1	**0.21 J**
Toluene	µg/L	1000	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	**0.75 J**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GW-14 Analyte	Unit	Remediation Objective (RO)	Result 2/18/2020	Result 5/12/2020	Result 8/13/2020	Result 11/10/2020	Result 2/23/2021	Result 5/11/2021	Result 8/12/2021	Result 11/9/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.000072	< 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
Anthracene	mg/L	2.1	< 0.0001	< 0.000217	< 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
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.000072	< 0.0001	< 0.0001	< 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
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.000145	< 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
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0108**	**0.00417 C**	**0.0336 C**	**0.00766**	**0.00935**	**0.00934**	**0.0139**	**0.02 B**
Chrysene	mg/L	0.0015	< 0.0001	< 0.000072	< 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
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.00725	< 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
Fluorene	mg/L	0.28	< 0.0001	< 0.000145	< 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
m,p-Cresol	mg/L	-	< 0.01	< 0.00725	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.00725	< 0.01	< 0.0004	< 0.0004	< 0.0004	0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.00029	< 0.0004	< 0.01	< 0.01	< 0.01	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.000435	< 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
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.38 J**
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.72 J**
Methylene chloride	µg/L	5.0	< 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**
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.36 J**
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**0.19 J**
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**1.1 J**

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

GW-15 Analyte	Unit	Remediation Objective (RO)	Result 3/3/2015	Result 5/13/2015	Result 8/19/2015	Result (DUP) 8/19/2015	Result 11/3/2015	Result 2/17/2016	Result 5/25/2016	Result (DUP) 5/25/2016	Result 8/17/2016	Result 11/15/2016
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01 S	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066 S	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.00006 J**	**0.00006 J**
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076 S	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.0012 J**	**0.00365 SR**	**0.00612**	**0.00583**	**0.00277**	**0.0025**	---	---	---	---
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033 S	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021 S	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	**0.00016**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---
o-Cresol	mg/L	0.35	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064 S	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027 S	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	**0.38 J**	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	**0.22 B**	< 0.2 B	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	**2.6**	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	**0.38 J**	< 4	< 4	< 4	< 4	< 4	< 4	< 4

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
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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
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Attachment 2
Summary of Analytical Results 2015 - February 2021
Ameren Taylorville, IL MGP Site

GW-15 Analyte	Unit	Remediation Objective (RO)	Result 2/15/2017	Result 5/16/2017	Result 8/17/2017	Result 11/22/2017	Result 2/15/2018	Result 5/8/2018	Result (DUP) 5/8/2018	Result 8/14/2018	Result 11/7/2018	Result 2/20/2019
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	**0.000064 J**	**0.000053 J**	< 0.0001	< 0.0001 S	**0.000055 J**
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001	**0.000053 J**	**0.000076 J**	**0.000063 J**	< 0.0001	**0.000063 JS**	**0.000069 J**
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	**0.00006 J**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< **0.0001 S**	**0.000052 J**
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001 S	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001 S	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	---	**0.00335**	**0.00567**	< 0.006	**0.0111**	**0.00563**	**0.0109**	**0.00274 SR**	**0.0039**	**0.00327**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	---	---	---	---	---
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	**0.00012 J**	< 0.0001	< 0.0002	< 0.0002	< 0.0002	**0.00015 J**	< 0.0002 S	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	**0.000095 J**	**0.0001**	**0.000072 J**	**0.00011**	**0.000101**	< 0.0001	< 0.0001 S	**0.0001 J**
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 R	< 0.0001 S	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---	---
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	**0.000119**	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004 S	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	**0.0001 J**	< 0.0001	**0.000066 J**	< 0.0001	< 0.0001	**0.000143**	< 0.0002 S	**0.00011 BJ**
Benzene	µg/L	5.0	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	**0.9**	< 2	< 2	**0.8 J**	< 2 B	< 2	< 2	**1.7 J**
o-Xylene	µg/L	-	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 1	< 1	< 1	< 1 B	< 1	< 1	< 1

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

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

GW-15 Analyte	Unit	Remediation Objective (RO)	Result 5/8/2019	Result 8/14/2019	Result 11/14/2019	Result 2/20/2020	Result 5/13/2020	Result 8/13/2020	Result 11/10/2020	Result 2/23/2021	Result 5/13/2021	Result 8/12/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	**0.000058 J**	< 0.000074	< 0.0001	**0.000081 J**	< 0.0001	0.000063 J	< 0.0001
Anthracene	mg/L	2.1	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000222	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	**0.000061 J**	< 0.000074	< 0.0001	**0.000084 J**	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	**0.000078 J**	< 0.000074	< 0.0001	**0.000069 J**	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	**0.000082 J**	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000075 J**
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000148	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.014**	**0.00331**	**0.00802**	< 0.002	< 0.00148 C	< 0.002 C	< 0.002 C	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000222	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000148	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	**0.000085 J**	< 0.000074	**0.000074 J**	< 0.0001	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.0004	< 0.0004	< 0.0004	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000296	< 0.0004	< 0.01	< 0.01	< 0.01	< 0.0004
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.000444	< 0.0006	< 0.0006	< 0.0006 R	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000148	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	**1.6 J**	**1.7 J**	< 2	< 2	< 2 B	**1.1 J**	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2

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

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

GW-15 Analyte	Unit	Remediation Objective (RO)	Result 11/9/2021		
Acenaphthene	mg/L	0.42	<	0.0001	
Acenaphthylene	mg/L	-	<	0.0001	
Anthracene	mg/L	2.1	<	0.0003	
Benzo(a)anthracene	mg/L	0.00013	<	0.0001	
Benzo(a)pyrene	mg/L	0.0002	<	0.0002	
Benzo(b)fluoranthene	mg/L	0.00018	<	0.0001	
Benzo(g,h,i)perylene	mg/L	-	<	0.0002	
Benzo(k)fluoranthene	mg/L	0.00017	<	0.0001	
Bis(2-ethylhexyl)phthalate	mg/L	0.006	<	0.002	B
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		**0.16**	**J**
m,p-Xylenes	µg/L	-		**0.43**	**J**
Methylene chloride	µg/L	5.0	<	2	
Naphthalene	µg/L	140		**1.6**	**J**
o-Xylene	µg/L	-		**0.13**	**J**
Toluene	µg/L	1000	<	2	
trans-1,2-Dichloroethene	µg/L	100	<	2	
Xylenes, Total	µg/L	10000		**0.56**	**J**

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

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

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

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

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

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

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

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

GW-16S Analyte	Unit	Remediation Objective (RO)	Result 5/11/2020	Result 8/12/2020	Result 11/9/2020	Result 2/22/2021	Result 5/10/2021	Result 8/10/2021	Result 11/8/2021
Acenaphthene	mg/L	0.42	< 0.000076	< 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
Anthracene	mg/L	2.1	< 0.000227	< 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
Benzo(a)pyrene	mg/L	0.0002	< 0.000076	< 0.0001	< 0.0001	< 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
Benzo(g,h,i)perylene	mg/L	-	< 0.000152	< 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
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**
Chrysene	mg/L	0.0015	< 0.000076	< 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
Di-n-butyl phthalate	mg/L	0.7	< 0.00758	< 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
Fluorene	mg/L	0.28	< 0.000152	< 0.0002	< 0.0002	< 0.0002	< 0.0002	**0.000992**	< 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
m,p-Cresol	mg/L	-	< 0.00758	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.00758	< 0.01	< 0.0004	< 0.0004	< 0.0004	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.000303	**0.00164**	< 0.01	< 0.01	< 0.01	< 0.0004	< 0.0004
Phenanthrene	mg/L	-	< 0.000455	< 0.0006	< 0.0006	< 0.0006	< 0.0006	**0.00255**	< 0.0006
Pyrene	mg/L	0.21	< 0.000152	< 0.0002	< 0.0002	< 0.0002	< 0.0002	**0.000486**	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	**0.16 J**
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	**0.49 J**
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2 B	**0.43 J**	< 2	< 2	**1.2 J**
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	**0.12 J**
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	**0.61 J**

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

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

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

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

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

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

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

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

GW-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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
o-Cresol	mg/L	0.35	---	< 0.01	< 0.01	< 0.01	< 0.00741	< 0.01	< 0.0004	< 0.0004	< 0.0004	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.000296	< 0.0004	< 0.01	< 0.01	< 0.01	< 0.0004	< 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
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
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
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	**0.16 J**
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.52 J**
Methylene chloride	µg/L	5.0	< 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
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.13** J
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	< 2	**0.65 J**

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

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

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

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

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

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

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

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

GW-17 Analyte	Unit	Remediation Objective (RO)	Result 8/12/2020	Result 11/11/2020	Result 2/22/2021	Result 5/10/2021	Result 8/10/2021	Result 11/8/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 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	< 0.0001	< 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
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	**0.00467 C**	< 0.002 C	**0.0029**	< 0.002	0.00739	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0002	< 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	**0.000078 J**	< 0.0001	< 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	< 0.0004	< 0.0004	< 0.0004	< 0.01	< 0.01
Naphthalene	mg/L	0.14	< 0.0004	< 0.01	< 0.01	< 0.01	< 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	< 1	< 1	< 1	**0.12 J**
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	**0.53 J**
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2 B	**0.38 J**	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	**0.12 J**
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	**0.65 J**

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

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

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

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

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

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

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

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

GW-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
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003 B	< 0.0003 B
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000071 J**	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
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	**0.00244 C**	**0.00299**	**0.00249**	**0.00329**	< 0.002	**0.00305**	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	**0.00007 J**	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.0004	< 0.0004	< 0.0004	< 0.01	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.0004	< 0.01	< 0.01	< 0.01	< 0.0004	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	**0.11 J**	**0.13 J**
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	**0.39 J**	**0.45 J**
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2 B	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	**0.11 J**
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	**0.39 J**	**0.56 J**

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

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

GW-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
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mg/L = milligrams per liter
µg/L = micrograms per liter

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

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

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

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

GW-18D Analyte	Unit	Remediation Objective (RO)	Result 11/12/2019	Result 2/19/2020	Result 5/13/2020	Result 8/14/2020	Result 11/11/2020	Result 2/23/2021	Result (DUP) 2/23/2021	Result 5/11/2021	Result 8/11/2021	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	< 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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.00775	< 0.01	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.01	< 0.0004
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.00031	< 0.0004	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0004	< 0.01
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.000465	< 0.0006	< 0.0006	< 0.0006	**0.00185**	< 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
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	**0.13** J
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.41** J
Methylene chloride	µg/L	5.0	< 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
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.13** J
Toluene	µg/L	1000	< 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
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**0.54** 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
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R = RPD outside accepted recovery limits
Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

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

GW-19D Analyte	Unit	Remediation Objective (RO)	Result 3/4/2015	Result 5/11/2015	Result 8/20/2015	Result 11/4/2015	Result 2/18/2016	Result 5/25/2016	Result 8/18/2016	Result 11/16/2016	Result 2/16/2017	Result 5/17/2017
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00207**	**0.00262**	**0.0023**	**0.0019** J	< 0.002	---	---	---	---	**0.00452**
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	**0.00051** B	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---
o-Cresol	mg/L	0.35	**0.00021**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	**0.27** J	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

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

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

GW-19D Analyte	Unit	Remediation Objective (RO)	Result 8/18/2017	Result 11/21/2017	Result 2/15/2018	Result 5/8/2018	Result 8/14/2018	Result 11/8/2018	Result 2/19/2019	Result 5/7/2019	Result 8/13/2019	Result 11/12/2019	Result 2/19/2020
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	< 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	< 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	< 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	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00917**	**0.00917**	**0.00664**	**0.00352**	**0.00794**	< 0.002	**0.0019 J**	**0.00434**	**0.0232**	**0.00425**	< 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	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 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	< 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	< 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	-	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 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	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 2	< 2	< 2	< 2	< 2	**0.37 J**	< 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	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 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
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S = Spike Recovery outside recovery limits
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Yellow = Exceeds RO for Class I Groundwater Ingestion
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The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

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

GW-19D Analyte	Unit	Remediation Objective (RO)	Result 5/13/2020	Result - DUP 5/13/2020	Result 8/13/2020	Result 11/10/2020	Result - DUP 11/10/2020	Result 2/23/2021	Result 5/11/2021	Result 8/11/2021	Result 11/10/2021
Acenaphthene	mg/L	0.42	< 0.000071	< 0.000073	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.000071	< 0.000073	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.000213	< 0.000219	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003 B
Benzo(a)anthracene	mg/L	0.00013	< 0.000071	< 0.000073	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.000071	< 0.000073	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000071	< 0.000073	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.000142	< 0.000146	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000071	< 0.000073	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.00142 C	< 0.00146 C	< 0.002 C	< 0.002 C	< 0.002 C	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	0.0015	< 0.000071	< 0.000073	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000071	< 0.000073	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.00709	< 0.0073	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.000213	< 0.000219	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.000142	< 0.000146	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.000071	< 0.000073	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.00709	< 0.0073	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.00709	< 0.0073	< 0.01	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.01	< 0.0004
Naphthalene	mg/L	0.14	< 0.000284	< 0.000292	< 0.0004	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0004	< 0.01
Phenanthrene	mg/L	-	< 0.000426	< 0.000438	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	< 0.000142	< 0.000146	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.13 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	< 2	**0.32 J**	< 2 B	< 2 B	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.12 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	**0.62 J**

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

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

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

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

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

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

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

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

GW-19S Analyte	Unit	Remediation Objective (RO)	Result 11/13/2019	Result 2/19/2020	Result 5/13/2020	Result 8/13/2020	Result 11/10/2020	Result 2/23/2021	Result 5/11/2021	Result 8/11/2021	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	< 0.0004	< 0.0004	< 0.0004	< 0.01	< 0.0004
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.000312	< 0.0004	< 0.01	< 0.01	< 0.01	< 0.0004	< 0.01
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
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Yellow = Exceeds RO for Class I Groundwater Ingestion
< = Compound not detected at concentrations above the laboratory reporting detection limit.
The laboratory reporting detection limit is shown.
Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

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

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

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

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

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

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

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

GW-20 Analyte	Unit	Remediation Objective (RO)	Result 11/14/2019	Result 2/19/2020	Result 5/13/2020	Result 8/14/2020	Result 11/10/2020	Result 2/23/2021	Result 5/11/2021	Result (DUP) 5/11/2021	Result 8/11/2021	Result 11/10/2021
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
Acenaphthylene	mg/L	-	**0.000111**	< 0.0001	**0.000106**	**0.000139**	**0.000155**	**0.000075** J	**0.000330**	**0.000509**	**0.000498**	**0.000229**
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
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**
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**
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**
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**
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**
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
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**
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
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
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**
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
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**
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
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.00769	< 0.01	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.01	< 0.0004
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.000308	< 0.0004	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0004	< 0.01
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.000462	< 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**
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	**0.12** J
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.47** J
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2 B	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**0.47** J

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

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

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

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

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

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

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

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

GW-21 Analyte	Unit	Remediation Objective (RO)	Result 8/14/2019	Result 11/13/2019	Result 2/20/2020	Result 5/12/2020	Result 8/14/2020	Result 11/11/2020	Result 2/24/2021	Result 5/12/2021	Result 8/11/2021	Result 11/9/2021
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
Acenaphthylene	mg/L	-	< 0.0001	< 0.0001	< 0.0001	< 0.000071	< 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
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
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
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
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
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
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
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
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
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
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
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
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
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
o-Cresol	mg/L	0.35	< 0.01	< 0.01	< 0.01	< 0.00714	< 0.01	< 0.0004	< 0.0004	< 0.0004	< 0.01	< 0.0004
Naphthalene	mg/L	0.14	< 0.0002	< 0.0002	< 0.0002	< 0.000286	< 0.0004	< 0.01	< 0.01	< 0.01	< 0.0004	< 0.01
Phenanthrene	mg/L	-	< 0.0004	< 0.0004	< 0.0004	< 0.000429	< 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
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	**0.12 J**
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.47 J**
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	< 2 B	< 2	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.1 J**
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**0.43 J**	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**0.57 J**

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

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

GW-22S Analyte	Unit	Remediation Objective (RO)	Result 3/3/2015	Result 5/12/2015	Result 8/18/2015	Result 11/3/2015	Result 2/17/2016	Result 5/25/2016	Result 8/17/2016	Result 11/15/2016	Result 2/15/2017	Result 5/16/2017	Result 8/17/2017
Acenaphthene	mg/L	0.42	< 0.0208	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Acenaphthylene	mg/L	-	< 0.0208	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	2.1	< 0.0138	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	0.00013	< 0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00158	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	0.00017	< 0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.00417	< 0.002	**0.0013** J	< 0.002	< 0.002	---	---	---	---	**0.0015** J	**0.00399**
Chrysene	mg/L	0.0015	< 0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.00688	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.28	< 0.00438	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	**0.0001**
Fluorene	mg/L	0.28	< 0.00438	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	**0.00031**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---
o-Cresol	mg/L	0.35	< 0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	-	< 0.0133	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	0.21	< 0.00562	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 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	**0.29**	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 0.6	**0.52** J	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	-	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	1000	< 2	< 2	< 2	**0.27** J	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

Notes:
B = Analyte detected in associated method blank
J = Analyte detected below quantitation limits
C = RL shown is a client requested quantitation limit
E = Value above quantitation range
S = Spike Recovery outside recovery limits
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Yellow = Exceeds RO for Class I Groundwater Ingestion
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Remediation Objective (RO) = IEPA TACO Tier 1 CLASS I Groundwater Ingestion
All analyses performed by Teklab, Inc.
mg/L = milligrams per liter
µg/L = micrograms per liter

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

GW-22S Analyte	Unit	Remediation Objective (RO)	Result 11/22/2017	Result 2/14/2018	Result 5/8/2018	Result 8/14/2018	Result (DUP) 8/14/2018	Result 11/7/2018	Result 2/20/2019	Result 5/8/2019	Result 8/14/2019	Result 11/13/2019
Acenaphthene	mg/L	0.42	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 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	< 0.0001	< 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	< 0.006	**0.0017 J**	**0.00445**	**0.00264**	**0.00477**	< 0.002	< 0.002	**0.00455**	< 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	---	---	---	---	---	---	---	---	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0001	< 0.0002	< 0.0002	**0.00015 J**	< 0.0002	**0.00015 J**	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 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	---	---	---	---	---	---	---	**0.000203**	< 0.0002	< 0.0002
Phenanthrene	mg/L	-	**0.000134**	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0001	**0.000035**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**0.5 J**	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2	< 2

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

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

GW-22S Analyte	Unit	Remediation Objective (RO)	Result 2/20/2020	Result 5/14/2020	Result - DUP 5/14/2020	Result 8/13/2020	Result 11/9/2020	Result 2/22/2021	Result 5/12/2021	Result 8/11/2021	Result - DUP 8/11/2021	Result 11/9/2021	Result - DUP 11/9/2021
Acenaphthene	mg/L	0.42	< 0.0001	< 0.000077	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.000077	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	**0.000637**	< 0.000231	< 0.000231	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	**0.000088 J**	< 0.000077	< 0.000077	< 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	< 0.000077	< 0.000077	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	**0.000061 J**	< 0.000077	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000071 J**	**0.00007 J**	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.0002	< 0.000154	< 0.000154	< 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	< 0.000077	< 0.000077	< 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	**0.00191 C**	< 0.00154 C	**0.00279 C**	**0.00517**	**0.0017** J	**0.00472**	**0.00983**	**0.00753**	< 0.002 B	**0.0016 BJ**
Chrysene	mg/L	0.0015	**0.000084 J**	< 0.000077	< 0.000077	< 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	< 0.000077	< 0.000077	< 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	< 0.00769	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	**0.000524**	< 0.000231	< 0.000231	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003
Fluorene	mg/L	0.28	< 0.0001	< 0.000154	< 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	**0.000093 J**	< 0.000077	< 0.000077	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
m,p-Cresol	mg/L	-	< 0.01	< 0.00769	< 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	< 0.00769	< 0.00769	< 0.01	< 0.0004	< 0.0004	< 0.0004	< 0.01	< 0.01	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.0002	< 0.000308	< 0.000308	< 0.0004	< 0.01	< 0.01	< 0.01	< 0.0004	< 0.0004	< 0.01	< 0.01
Phenanthrene	mg/L	-	**0.000695**	< 0.000462	< 0.000462	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006	< 0.0006
Pyrene	mg/L	0.21	**0.000449**	< 0.000154	< 0.000154	< 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	**0.14 J**	< 1	< 1	< 1	**0.11 J**
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	**0.2 J**	< 1	< 1	**0.39 J**	**0.47 J**
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	**0.13 J**	< 1	< 1	< 1	**0.11 J**
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	**0.33 J**	< 2	< 2	**0.39 J**	**0.58 J**

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

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

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

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

GW-22D Analyte	Unit	Remediation Objective (RO)	Result (DUP) 8/17/2017	Result 11/22/2017	Result 2/14/2018	Result 5/8/2018	Result 8/14/2018	Result 11/7/2018	Result 2/20/2019	Result (DUP) 2/20/2019	Result 5/8/2019	Result 8/14/2019	Result 11/13/2019	Result 2/20/2020
Acenaphthene	mg/L	0.42	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	**0.00566**	< 0.006	**0.00529**	**0.00829**	**0.00939**	**0.00579**	**0.00243**	**0.00215**	**0.0111**	**0.00834**	**0.00636**	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	---	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	**0.000142**	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	0.28	< 0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	-	---	---	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	---	---	---	---	---	---	---	---	---	< 0.01	< 0.01	< 0.01
Naphthalene	mg/L	0.14	---	---	---	---	---	---	---	---	**0.00126**	< 0.0002	< 0.0002	< 0.0002
Phenanthrene	mg/L	-	< 0.0064	**0.000882**	< 0.0001	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.21	< 0.0027	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Benzene	µg/L	5.0	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.1	< 2	< 2	< 2	< 2	< 2	< 2	**2.86**	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	< 2	< 2	< 2

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

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

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

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

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

GW-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
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
Acenaphthylene	mg/L	-	< 0.0001	< 0.000075	< 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
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
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
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
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
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
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
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
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
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
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
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
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
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
o-Cresol	mg/L	0.35	< 0.01	< 0.00752	< 0.01	< 0.01	< 0.01	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Naphthalene	mg/L	0.14	< 0.0002	< 0.000301	< 0.0004	< 0.0004	< 0.0004	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Phenanthrene	mg/L	-	< 0.0004	< 0.000451	< 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
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	**0.11 J**
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.48 J**
Methylene chloride	µg/L	5.0	< 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
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.1 J**
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**0.58 J**

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

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

GW-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
Acenaphthene	mg/L	0.42	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000072 J**	< 0.0001
Acenaphthylene	mg/L	-	< 0.0001	< 0.000071	< 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
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.000071	< 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
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.000071	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000081 J**	< 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
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.000071	< 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
Chrysene	mg/L	0.0015	< 0.0001	< 0.000071	< 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
Di-n-butyl phthalate	mg/L	0.7	< 0.01	< 0.00709	< 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
Fluorene	mg/L	0.28	< 0.0001	< 0.000142	< 0.0002	< 0.0002	< 0.0002	< 0.0002	**0.000215**	< 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
m,p-Cresol	mg/L	-	< 0.01	< 0.00709	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
o-Cresol	mg/L	0.35	< 0.01	< 0.00709	< 0.01	< 0.0004	< 0.0004	< 0.0004	< 0.01	< 0.0004
Naphthalene	mg/L	0.14	< 0.0002	< 0.000284	< 0.0004	< 0.01	< 0.01	< 0.01	**0.00429**	< 0.01
Phenanthrene	mg/L	-	< 0.0004	< 0.000426	< 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
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.15 J**
m,p-Xylenes	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.52 J**
Methylene chloride	µg/L	5.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 2	< 2	< 2	< 2 B	**0.52 J**	< 2	< 2	< 2
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.12 J**
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**0.64 J**

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

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

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

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

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

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

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

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

GW-102D Analyte	Unit	Remediation Objective (RO)	Result 5/14/2015	Result 5/27/2016	Result 5/18/2017	Result 5/9/2018	Result 5/6/2019	Result 5/13/2020	Result 5/11/2021
Acenaphthene	mg/L	0.42	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.000074	< 0.0001
Acenaphthylene	mg/L	-	< 0.01	< 0.01	< 0.01	< 0.0001 SR	< 0.0001	< 0.000074	< 0.0001
Anthracene	mg/L	2.1	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.000221	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0002	< 0.000147	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.006	< 0.002	---	< 0.002	< 0.002	**0.0053**	< 0.00147 C	< 0.002
Chrysene	mg/L	0.0015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.0033	< 0.0033	< 0.0033	---	---	< 0.00735	< 0.01
Fluoranthene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002	< 0.000221	< 0.0003
Fluorene	mg/L	0.28	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.000147	< 0.0002
Indeno(1,2,3-cd)pyrene	mg/L	0.00043	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.000074	< 0.0002
m,p-Cresol	mg/L	-	< 0.0001	---	---	---	---	< 0.00735	< 0.01
o-Cresol	mg/L	0.35	< 0.0001	---	---	---	---	< 0.00735	< 0.0004
Naphthalene	mg/L	0.14	---	---	---	---	< 0.0002	< 0.000294	< 0.01
Phenanthrene	mg/L	-	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004	< 0.000441	< 0.0006
Pyrene	mg/L	0.21	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002	< 0.000147	< 0.0002
Benzene	µg/L	5.0	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 2	< 2	< 2	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	-	< 4	< 4	< 4	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	5.0	< 0.2	< 0.2	< 0.2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	140	< 0.6	< 0.6	< 0.6	< 2 B	< 2	< 2	< 2
o-Xylene	µg/L	-	< 2	< 2	< 2	< 1	< 1	< 1	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	100	< 5	< 5	< 5	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 4	< 4	< 4	< 1 B	< 2	< 2	< 2

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

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

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

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

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

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

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

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

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
Acenaphthene	mg/L	0.42	**0.000193**	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA	NA	NA	< 0.0001
Acenaphthylene	mg/L	-	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA	NA	NA	< 0.0001
Anthracene	mg/L	2.1	< 0.000231	< 0.0003	< 0.0003	< 0.0003	< 0.0003	NA	NA	NA	NA	< 0.0003
Benzo(a)anthracene	mg/L	0.00013	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA	NA	NA	< 0.0001
Benzo(a)pyrene	mg/L	0.0002	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0002	NA	NA	NA	NA	< 0.0002
Benzo(b)fluoranthene	mg/L	0.00018	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA	NA	NA	< 0.0001
Benzo(g,h,i)perylene	mg/L	-	< 0.000154	< 0.0002	< 0.0002	< 0.0002	< 0.0002	NA	NA	NA	NA	< 0.0002
Benzo(k)fluoranthene	mg/L	0.00017	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA	NA	NA	< 0.0001
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**
Chrysene	mg/L	0.0015	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0001	NA	NA	NA	NA	< 0.0001
Dibenzo(a,h)anthracene	mg/L	0.0003	< 0.000077	< 0.0001	< 0.0001	< 0.0001	< 0.0002	NA	NA	NA	NA	< 0.0002
Di-n-butyl phthalate	mg/L	0.7	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01	NA	NA	NA	NA	< 0.01
Fluoranthene	mg/L	0.28	< 0.000231	< 0.0003	< 0.0003	< 0.0003	< 0.0003	NA	NA	NA	NA	< 0.0003
Fluorene	mg/L	0.28	**0.000311**	< 0.0002	< 0.0002	< 0.0002	< 0.0002	NA	NA	NA	NA	< 0.0002
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
m,p-Cresol	mg/L	-	< 0.00769	< 0.01	< 0.01	< 0.01	< 0.01	NA	NA	NA	NA	< 0.01
o-Cresol	mg/L	0.35	< 0.00769	< 0.01	< 0.01	< 0.0004	< 0.0004	NA	NA	NA	NA	< 0.0004
Naphthalene	mg/L	0.14	< 0.000308	< 0.0004	< 0.0004	< 0.01	< 0.01	NA	NA	NA	NA	< 0.01
Phenanthrene	mg/L	-	< 0.000462	< 0.0006	< 0.0006	< 0.0006	< 0.0006	NA	NA	NA	NA	< 0.0006
Pyrene	mg/L	0.21	< 0.000154	< 0.0002	< 0.0002	< 0.0002	< 0.0002	NA	NA	NA	NA	< 0.0002
Benzene	µg/L	5.0	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	1.0	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	700	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.21 J**	**0.2 J**	**0.12 J**
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**
Methylene chloride	µg/L	5.0	< 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
o-Xylene	µg/L	-	< 1	< 1	< 1	< 1	< 1	< 1	< 1	**0.16 J**	**0.19 J**	< 1
Toluene	µg/L	1000	< 2	< 2	< 2	< 2	< 2	< 2	< 2	**0.11 J**	**0.11 J**	< 2
trans-1,2-Dichloroethene	µg/L	100	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	10000	< 2	< 2	< 2	0.29 J	< 2	< 2	< 2	**1 J**	**1.1 J**	**0.37 J**

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