Ameren

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Ameren Services

19-69742

0218160007-Christian
Taylorville/Ameren CIPS
SF/TECH

July 19, 2019

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

Dear Mr. Haggitt:

As required by Article IX (A) of the Consent Order (Case #93-3332), this is the Second Quarter, 2019 report for the Taylorville Manufactured Gas Plant Site. This report is a summary of events. Reports and notifications of events are reported in addition to this summary throughout the quarter.

Second Quarter – 2019 Events

- Second quarter 2019 groundwater samples collected in May 2019 (results attached).
- The pump & treat system startup June 19, 2019.
- Second quarter 2019 pump and treat system samples (results attached).

Third Quarter – 2019 Plans

- Collect third quarter groundwater samples.

Problems Encountered or Anticipated Problems

The pump and treat system was started on June 19, 2019. We have treated 1,257,271,892 gallons of groundwater through the system since startup until the end of June 2019. There has not been any migration of contamination off-site.

Sincerely yours,

Donald L. Richardson, P.E, PMP, CHMM, BCEE
Environmental Specialist
Environmental Services

cc: File WM10.33

Effluent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
June 2019

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	6/19/2019	6/26/2019	Average	Maximum
Lab pH		-	-	-	7.06	7.02	7.04	7.06
Iron, Dissolved	mg/L	-	1.0	-	0.0453	ND	0.0453	0.0453
Iron, Total	mg/L	2.0	4.0	-	0.0813	0.0544	0.06785	0.0813
Acenaphthene	mg/L	-	0.0608	-	ND	ND	ND	ND
Acenaphthylene	mg/L	-	-	-	ND	ND	ND	ND
Anthracene	mg/L	-	0.0023	-	ND	ND	ND	ND
Benzo(a)anthracene	mg/L	-	0.001	-	ND	ND	ND	ND
Benzo(a)pyrene	mg/L	-	0.0005	-	ND	ND	ND	ND
Benzo(b)fluoranthene	mg/L	-	-	-	ND	ND	ND	ND
Benzo(g,h,i)perylene	mg/L	-	-	-	ND	ND	ND	ND
Benzo(k)fluoranthene	mg/L	-	-	-	ND	ND	ND	ND
Chrysene	mg/L	-	-	-	ND	ND	ND	ND
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND	ND	ND	ND
Fluoranthene	mg/L	0.053	0.398	-	ND	ND	ND	ND
Fluorene	mg/L	-	-	-	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND	ND	ND	ND
m,p-Cresol	mg/L	-	1.9	-	ND	ND	ND	ND
o-Cresol	mg/L	-	1.9	-	ND	ND	ND	ND
Phenanthrene	mg/L	-	0.010	-	ND	ND	ND	ND
Pyrene	mg/L	-	-	-	ND	ND	ND	ND
Total PNAs except Naphthalene	mg/L	-	-	-	ND	ND	ND	ND
Benzene	µg/L	-	50.00	-	ND	ND	ND	ND
Ethylbenzene	µg/L	17.0	216	-	ND	ND	ND	ND
m,p-Xylenes	µg/L	-	-	-	ND	ND	ND	ND
Naphthalene	µg/L	-	670	-	ND	ND	ND	ND
o-Xylene	µg/L	-	-	-	ND	ND	ND	ND
Toluene	µg/L	70	750	-	ND	ND	ND	ND
Xylenes, Total	µg/L	117	750	-	ND	ND	ND	ND

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

Influent
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
June 2019

Perameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	6/19/2019	6/26/2019	Average	Maximum
Lab pH		-	-	-	6.95	7.02	6.985	7.02
Iron, Dissolved	mg/L	-	-	-	1.04	0.684	0.862	1.04
Iron, Total	mg/L	-	-	-	18.2	2.10	10.15	18.2
Acenaphthene	mg/L	-	-	0.420	0.0142	0.00259	0.008395	0.0142
Acenaphthylene	mg/L	-	-	-	0.0174	0.00289	0.010145	0.0174
Anthracene	mg/L	-	-	2.100	0.00418	0.00130	0.00274	0.00418
Benzo(a)anthracene	mg/L	-	-	0.00013	0.00127	0.000201	0.0007355	0.00127
Benzo(a)pyrene	mg/L	-	-	0.00023	0.00127	0.000115	0.0006925	0.00127
Benzo(b)fluoranthene	mg/L	-	-	-	0.00111	0.000110	0.00061	0.00111
Benzo(g,h,i)perylene	mg/L	-	-	-	0.000546	ND	0.000546	0.000546
Benzo(k)fluoranthene	mg/L	-	-	-	0.000316	ND	0.000316	0.000316
Chrysene	mg/L	-	-	-	0.00120	0.000198	0.000699	0.00120
Dibenzo(a,h)anthracene	mg/L	-	-	-	0.000144	ND	0.000144	0.000144
Fluoranthene	mg/L	-	-	0.280	0.00461	0.00141	0.00301	0.00461
Fluorene	mg/L	-	-	-	0.0127	0.00320	0.00795	0.0127
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	0.00101	0.000114	0.000562	0.00101
m,p-Cresol	mg/L	-	-	0.350	0.0130	0.0045	0.00875	0.0130
o-Cresol	mg/L	-	-	0.350	0.0146	0.0129	0.01375	0.0146
Phenanthrene	mg/L	-	-	-	0.0218	0.00551	0.013655	0.0218
Pyrene	mg/L	-	-	-	0.00651	0.00173	0.00412	0.00651
Total PNAs except Naphthalene	mg/L	-	-	-	0.0883	0.0190	0.05365	0.0883
Benzene	µg/L	-	-	5	**9480**	**946**	5213	**9480**
Ethylbenzene	µg/L	-	-	700	222	27.2	124.6	222
m,p-Xylenes	µg/L	-	-	-	116	37.5	76.75	116
Naphthalene	µg/L	-	-	25	**348**	**140**	244	**348**
o-Xylene	µg/L	-	-	-	82.1	19.3	50.7	82.1
Toluene	µg/L	-	-	1000	**1150**	266	708	**1150**
Xylenes, Total	µg/L	-	-	10000	198	56.8	127.4	198

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

Trip Blank
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
June 2019

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	6/19/2019	6/26/2019	Average	Maximum
Benzene	µg/L	-	-	-	ND	ND	ND	ND
Ethylbenzene	µg/L	-	-	-	ND	ND	ND	ND
m,p-Xylenes	µg/L	-	-	-	ND	ND	ND	ND
Naphthalene	µg/L	-	-	-	ND	ND	ND	ND
o-Xylene	µg/L	-	-	-	ND	ND	ND	ND
Toluene	µg/L	-	-	-	ND	ND	ND	ND
Xylenes, Total	µg/L	-	-	-	ND	ND	ND	ND

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

Environmental Resources Management

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

July 2, 2019

Mr. Don Richardson
Ameren Services Company
Consulting Environmental Engineer
1901 Chouteau Avenue / MC 602
St. Louis, Missouri 63103

RE: Year 2019 Quarter 2 Groundwater Sampling Results
Former MGP Site - Taylorville, Illinois

Dear Don:

Environmental Resources Management (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.

Attachment A contains the results from the second quarter of sampling in 2019 at the Taylorville site. A summary of the data from 2015 to present for each monitoring well is presented in Attachment B. The data is similar to what has been observed in the past, in that impacts exceeding applicable remediation objectives (ROs) are noted primarily at Monitoring Well GW-4R. However, concentrations of MGP constituents in Monitoring Well GW-3 are generally at the highest levels since about May 2017, with benzene and naphthalene exceeding the ROs defined for the site by the Illinois Environmental Protection Agency (IEPA). The wells on the downgradient edge of the site did not have exceedances to the ROs, including wells GW-16S, GW-16D, and the proposed compliance well GW-17. Benzene concentrations at GW-16D have increased, although they are still below the RO for the site. Estimated concentrations of polynuclear aromatic hydrocarbons (PAHs) were observed at several other locations on and off the site, all at concentrations below ROs. Analytical services were provided by Teklab, and are attached.

ERM appreciates the opportunity to provide groundwater sampling activities at the Taylorville former MGP site. Should you have any questions, please contact me at (217) 529-0914.

Sincerely,

Brett D. Carney, P.G.
Project Manager
Environmental Resources Management
68 Villa Grove
Springfield, IL 62712

ATTACHMENT A

ANALYTICAL RESULTS
MAY 2019

May 16, 2019

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

RE: Ameren Taylorville 2nd Qtr 2019 **WorkOrder:** 19050728

Dear Brett Carney:

TEKLAB, INC received 34 samples on 5/9/2019 4:25:00 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,

Michael L. Austin
Project Manager
(618)344-1004 ex 16
MAustin@teklabinc.com

Report Contents

Client: ERM
Client Project: Ameren Taylorville 2nd Qtr 2019

Work Order: 19050728
Report Date: 16-May-2019

This reporting package includes the following:

Client: ERM **Work Order:** 19050728

Client Project: Ameren Taylorville 2nd Qtr 2019 **Report Date:** 16-May-2019

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
ND	Not Detected at the Reporting Limit
NELAP	NELAP Accredited
PQL	Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.
RL	The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.
RPD	Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).
SPK	The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.
Surr	Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.
TIC	Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"
TNTC	Too numerous to count (> 200 CFU)

Qualifiers

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

Between Columns
Ameren CIPS Manufactured Gas Plant
Taylorville, Illinois
June 2019

Parameter	Units	30 Day Avg Limit	Daily Max	GW Cleanup Goals	6/19/2019	6/26/2019	Average	Maximum
Lab pH		-	-	-	7.14	7.05	7.10	7.14
Iron, Dissolved	mg/L	-	-	-	0.0395	0.034 J	0.03675	0.0395
Iron, Total	mg/L	-	-	-	0.112	0.0826	0.0973	0.112
Acenaphthene	mg/L	-	-	-	ND	ND	ND	ND
Acenaphthylene	mg/L	-	-	-	ND	ND	ND	ND
Anthracene	mg/L	-	-	-	ND	ND	ND	ND
Benzo(a)anthracene	mg/L	-	-	-	ND	ND	ND	ND
Benzo(a)pyrene	mg/L	-	-	-	ND	ND	ND	ND
Benzo(b)fluoranthene	mg/L	-	-	-	ND	ND	ND	ND
Benzo(g,h,i)perylene	mg/L	-	-	-	ND	ND	ND	ND
Benzo(k)fluoranthene	mg/L	-	-	-	ND	ND	ND	ND
Chrysene	mg/L	-	-	-	ND	ND	ND	ND
Dibenzo(a,h)anthracene	mg/L	-	-	-	ND	ND	ND	ND
Fluoranthene	mg/L	-	-	-	ND	ND	ND	ND
Fluorene	mg/L	-	-	-	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	mg/L	-	-	-	ND	ND	ND	ND
m,p-Cresol	mg/L	-	-	-	ND	ND	ND	ND
o-Cresol	mg/L	-	-	-	ND	ND	ND	ND
Phenanthrene	mg/L	-	-	-	0.000104	ND	0.000104	0.000104
Pyrene	mg/L	-	-	-	ND	ND	ND	ND
Total PNAs except Naphthalene	mg/L	-	-	-	0.00010 J	ND	0.00010 J	0.00010 J
Benzene	µg/L	-	-	-	ND	0.1 J	0.1 J	0.1 J
Ethylbenzene	µg/L	-	-	-	ND	ND	ND	ND
m,p-Xylenes	µg/L	-	-	-	ND	ND	ND	ND
Naphthalene	µg/L	-	-	-	ND	ND	ND	ND
o-Xylene	µg/L	-	-	-	ND	ND	ND	ND
Toluene	µg/L	-	-	-	ND	ND	ND	ND
Xylenes, Total	µg/L	-	-	-	ND	ND	ND	ND

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

Client: ERM

Client Project: Ameren Taylorville 2nd Qtr 2019

Work Order: 19050728

Report Date: 16-May-2019

Cooler Receipt Temp: 1.22 °C

Locations

Collinsville

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

Collinsville Air

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

Springfield

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

Chicago

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

Kansas City

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

Client: ERM **Work Order:** 19050728

Client Project: Ameren Taylorville 2nd Qtr 2019 **Report Date:** 16-May-2019

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2020	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2020	Collinsville
Louisiana	LDEQ	166493	NELAP	6/30/2019	Collinsville
Louisiana	LDEQ	166578	NELAP	6/30/2019	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2019	Collinsville
Arkansas	ADEQ	88-0966		3/14/2020	Collinsville
Illinois	IDPH	17584		5/31/2019	Collinsville
Indiana	ISDH	C-IL-06		1/31/2020	Collinsville
Kentucky	KDEP	98006		12/31/2019	Collinsville
Kentucky	UST	0073		1/31/2020	Collinsville
Louisiana	LDPH	LA016		12/31/2019	Collinsville
Missouri	MDNR	930		1/31/2022	Collinsville
Missouri	MDNR	00930		5/31/2019	Collinsville
Tennessee	TDEC	04905		1/31/2020	Collinsville

Client: ERM
Work Order: 19050728
Client Project: Ameren Taylorville 2nd Qtr 2019
Report Date: 16-May-2019
Lab ID: 19050728-001
Client Sample ID: GW-102D
Matrix: GROUNDWATER
Collection Date: 05/06/2019 13:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		ND	mg/L	1	05/13/2019 14:40	153198
Acenaphthylene	NELAP	0.000100		ND	mg/L	1	05/13/2019 14:40	153198
Anthracene	NELAP	0.000100		ND	mg/L	1	05/13/2019 14:40	153198
Benzo(a)anthracene	NELAP	0.000100		ND	mg/L	1	05/13/2019 14:40	153198
Benzo(a)pyrene	NELAP	0.000100		ND	mg/L	1	05/13/2019 14:40	153198
Benzo(b)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/13/2019 14:40	153198
Benzo(g,h,i)perylene	NELAP	0.000200		ND	mg/L	1	05/13/2019 14:40	153198
Benzo(k)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/13/2019 14:40	153198
Bis(2-ethylhexyl)phthalate	NELAP	0.00400		0.00530	mg/L	2	05/14/2019 10:57	153198
Chrysene	NELAP	0.000100		ND	mg/L	1	05/13/2019 14:40	153198
Dibenzo(a,h)anthracene	NELAP	0.000100		ND	mg/L	1	05/13/2019 14:40	153198
Fluoranthene	NELAP	0.000200		ND	mg/L	1	05/13/2019 14:40	153198
Fluorene	NELAP	0.000100		ND	mg/L	1	05/13/2019 14:40	153198
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		ND	mg/L	1	05/13/2019 14:40	153198
Naphthalene	NELAP	0.000200		ND	mg/L	1	05/13/2019 14:40	153198
Phenanthrene	NELAP	0.000400		ND	mg/L	1	05/13/2019 14:40	153198
Pyrene	NELAP	0.000200		ND	mg/L	1	05/13/2019 14:40	153198
Surr: 2-Fluorobiphenyl	*	21.4-142		49.4	%REC	1	05/13/2019 14:40	153198
Surr: Nitrobenzene-d5	*	15-163		48.0	%REC	1	05/13/2019 14:40	153198
Surr: p-Terphenyl-d14	*	10-173		75.3	%REC	1	05/13/2019 14:40	153198
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		ND	µg/L	1	05/11/2019 4:04	153209
Bromoform	NELAP	2.00		ND	µg/L	1	05/11/2019 4:04	153209
Ethylbenzene	NELAP	1.00		ND	µg/L	1	05/11/2019 4:04	153209
m,p-Xylenes	NELAP	1.00		ND	µg/L	1	05/11/2019 4:04	153209
Methylene chloride	NELAP	2.00		ND	µg/L	1	05/11/2019 4:04	153209
Naphthalene	NELAP	2.00		ND	µg/L	1	05/11/2019 4:04	153209
o-Xylene	NELAP	1.00		ND	µg/L	1	05/11/2019 4:04	153209
Toluene	NELAP	2.00		ND	µg/L	1	05/11/2019 4:04	153209
trans-1,2-Dichloroethene	NELAP	2.00		ND	µg/L	1	05/11/2019 4:04	153209
Xylenes, Total	NELAP	2.00		ND	µg/L	1	05/11/2019 4:04	153209
Surr: 1,2-Dichloroethane-d4	*	79.6-118		104.8	%REC	1	05/11/2019 4:04	153209
Surr: 4-Bromofluorobenzene	*	83.9-115		104.2	%REC	1	05/11/2019 4:04	153209
Surr: Dibromofluoromethane	*	84.9-113		104.0	%REC	1	05/11/2019 4:04	153209
Surr: Toluene-d8	*	86.7-112		103.1	%REC	1	05/11/2019 4:04	153209

Client: ERM
Work Order: 19050728
Client Project: Ameren Taylorville 2nd Qtr 2019
Report Date: 16-May-2019
Lab ID: 19050728-002
Client Sample ID: GW-102S
Matrix: GROUNDWATER
Collection Date: 05/06/2019 12:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		ND	mg/L	1	05/13/2019 15:17	153198
Acenaphthylene	NELAP	0.000100		ND	mg/L	1	05/13/2019 15:17	153198
Anthracene	NELAP	0.000100		ND	mg/L	1	05/13/2019 15:17	153198
Benzo(a)anthracene	NELAP	0.000100		ND	mg/L	1	05/13/2019 15:17	153198
Benzo(a)pyrene	NELAP	0.000100		ND	mg/L	1	05/13/2019 15:17	153198
Benzo(b)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/13/2019 15:17	153198
Benzo(g,h,i)perylene	NELAP	0.000200		ND	mg/L	1	05/13/2019 15:17	153198
Benzo(k)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/13/2019 15:17	153198
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		ND	mg/L	1	05/13/2019 15:17	153198
Chrysene	NELAP	0.000100		ND	mg/L	1	05/13/2019 15:17	153198
Dibenzo(a,h)anthracene	NELAP	0.000100		ND	mg/L	1	05/13/2019 15:17	153198
Fluoranthene	NELAP	0.000200		ND	mg/L	1	05/13/2019 15:17	153198
Fluorene	NELAP	0.000100		ND	mg/L	1	05/13/2019 15:17	153198
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		ND	mg/L	1	05/13/2019 15:17	153198
Naphthalene	NELAP	0.000200		ND	mg/L	1	05/13/2019 15:17	153198
Phenanthrene	NELAP	0.000400		ND	mg/L	1	05/13/2019 15:17	153198
Pyrene	NELAP	0.000200		ND	mg/L	1	05/13/2019 15:17	153198
Surr: 2-Fluorobiphenyl	*	21.4-142		75.6	%REC	1	05/13/2019 15:17	153198
Surr: Nitrobenzene-d5	*	15-163		77.4	%REC	1	05/13/2019 15:17	153198
Surr: p-Terphenyl-d14	*	10-173		111.0	%REC	1	05/13/2019 15:17	153198
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		ND	µg/L	1	05/11/2019 4:32	153209
Bromoform	NELAP	2.00		ND	µg/L	1	05/11/2019 4:32	153209
Ethylbenzene	NELAP	1.00		ND	µg/L	1	05/11/2019 4:32	153209
m,p-Xylenes	NELAP	1.00		ND	µg/L	1	05/11/2019 4:32	153209
Methylene chloride	NELAP	2.00		ND	µg/L	1	05/11/2019 4:32	153209
Naphthalene	NELAP	2.00		ND	µg/L	1	05/11/2019 4:32	153209
o-Xylene	NELAP	1.00		ND	µg/L	1	05/11/2019 4:32	153209
Toluene	NELAP	2.00		ND	µg/L	1	05/11/2019 4:32	153209
trans-1,2-Dichloroethene	NELAP	2.00		ND	µg/L	1	05/11/2019 4:32	153209
Xylenes, Total	NELAP	2.00		ND	µg/L	1	05/11/2019 4:32	153209
Surr: 1,2-Dichloroethane-d4	*	79.6-118		102.5	%REC	1	05/11/2019 4:32	153209
Surr: 4-Bromofluorobenzene	*	83.9-115		96.9	%REC	1	05/11/2019 4:32	153209
Surr: Dibromofluoromethane	*	84.9-113		104.5	%REC	1	05/11/2019 4:32	153209
Surr: Toluene-d8	*	86.7-112		97.9	%REC	1	05/11/2019 4:32	153209

Client: ERM
Work Order: 19050728
Client Project: Ameren Taylorville 2nd Qtr 2019
Report Date: 16-May-2019
Lab ID: 19050728-003
Client Sample ID: GW-101S
Matrix: GROUNDWATER
Collection Date: 05/06/2019 13:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		ND	mg/L	1	05/13/2019 15:55	153198
Acenaphthylene	NELAP	0.000100		ND	mg/L	1	05/13/2019 15:55	153198
Anthracene	NELAP	0.000100		ND	mg/L	1	05/13/2019 15:55	153198
Benzo(a)anthracene	NELAP	0.000100		ND	mg/L	1	05/13/2019 15:55	153198
Benzo(a)pyrene	NELAP	0.000100		ND	mg/L	1	05/13/2019 15:55	153198
Benzo(b)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/13/2019 15:55	153198
Benzo(g,h,i)perylene	NELAP	0.000200		ND	mg/L	1	05/13/2019 15:55	153198
Benzo(k)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/13/2019 15:55	153198
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		ND	mg/L	1	05/13/2019 15:55	153198
Chrysene	NELAP	0.000100		ND	mg/L	1	05/13/2019 15:55	153198
Dibenzo(a,h)anthracene	NELAP	0.000100		ND	mg/L	1	05/13/2019 15:55	153198
Fluoranthene	NELAP	0.000200		ND	mg/L	1	05/13/2019 15:55	153198
Fluorene	NELAP	0.000100		ND	mg/L	1	05/13/2019 15:55	153198
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		ND	mg/L	1	05/13/2019 15:55	153198
Naphthalene	NELAP	0.000200		ND	mg/L	1	05/13/2019 15:55	153198
Phenanthrene	NELAP	0.000400		ND	mg/L	1	05/13/2019 15:55	153198
Pyrene	NELAP	0.000200		ND	mg/L	1	05/13/2019 15:55	153198
Surr: 2-Fluorobiphenyl	*	21.4-142		76.0	%REC	1	05/13/2019 15:55	153198
Surr: Nitrobenzene-d5	*	15-163		74.3	%REC	1	05/13/2019 15:55	153198
Surr: p-Terphenyl-d14	*	10-173		100.9	%REC	1	05/13/2019 15:55	153198
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		ND	µg/L	1	05/11/2019 4:59	153209
Bromoform	NELAP	2.00		ND	µg/L	1	05/11/2019 4:59	153209
Ethylbenzene	NELAP	1.00		ND	µg/L	1	05/11/2019 4:59	153209
m,p-Xylenes	NELAP	1.00		ND	µg/L	1	05/11/2019 4:59	153209
Methylene chloride	NELAP	2.00		ND	µg/L	1	05/11/2019 4:59	153209
Naphthalene	NELAP	2.00		ND	µg/L	1	05/11/2019 4:59	153209
o-Xylene	NELAP	1.00		ND	µg/L	1	05/11/2019 4:59	153209
Toluene	NELAP	2.00		ND	µg/L	1	05/11/2019 4:59	153209
trans-1,2-Dichloroethene	NELAP	2.00		ND	µg/L	1	05/11/2019 4:59	153209
Xylenes, Total	NELAP	2.00		ND	µg/L	1	05/11/2019 4:59	153209
Surr: 1,2-Dichloroethane-d4	*	79.6-118		99.2	%REC	1	05/11/2019 4:59	153209
Surr: 4-Bromofluorobenzene	*	83.9-115		97.7	%REC	1	05/11/2019 4:59	153209
Surr: Dibromofluoromethane	*	84.9-113		100.7	%REC	1	05/11/2019 4:59	153209
Surr: Toluene-d8	*	86.7-112		97.4	%REC	1	05/11/2019 4:59	153209

Client: ERM
Work Order: 19050728
Client Project: Ameren Taylorville 2nd Qtr 2019
Report Date: 16-May-2019
Lab ID: 19050728-004
Client Sample ID: GW-13D
Matrix: GROUNDWATER
Collection Date: 05/06/2019 14:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		ND	mg/L	1	05/13/2019 16:33	153198
Acenaphthylene	NELAP	0.000100		ND	mg/L	1	05/13/2019 16:33	153198
Anthracene	NELAP	0.000100		ND	mg/L	1	05/13/2019 16:33	153198
Benzo(a)anthracene	NELAP	0.000100		ND	mg/L	1	05/13/2019 16:33	153198
Benzo(a)pyrene	NELAP	0.000100		ND	mg/L	1	05/13/2019 16:33	153198
Benzo(b)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/13/2019 16:33	153198
Benzo(g,h,i)perylene	NELAP	0.000200		ND	mg/L	1	05/13/2019 16:33	153198
Benzo(k)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/13/2019 16:33	153198
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		ND	mg/L	1	05/13/2019 16:33	153198
Chrysene	NELAP	0.000100		ND	mg/L	1	05/13/2019 16:33	153198
Dibenzo(a,h)anthracene	NELAP	0.000100		ND	mg/L	1	05/13/2019 16:33	153198
Fluoranthene	NELAP	0.000200		ND	mg/L	1	05/13/2019 16:33	153198
Fluorene	NELAP	0.000100		ND	mg/L	1	05/13/2019 16:33	153198
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		ND	mg/L	1	05/13/2019 16:33	153198
Naphthalene	NELAP	0.000200		ND	mg/L	1	05/13/2019 16:33	153198
Phenanthrene	NELAP	0.000400		ND	mg/L	1	05/13/2019 16:33	153198
Pyrene	NELAP	0.000200		ND	mg/L	1	05/13/2019 16:33	153198
Surr: 2-Fluorobiphenyl	*	21.4-142		69.4	%REC	1	05/13/2019 16:33	153198
Surr: Nitrobenzene-d5	*	15-163		70.7	%REC	1	05/13/2019 16:33	153198
Surr: p-Terphenyl-d14	*	10-173		100.6	%REC	1	05/13/2019 16:33	153198
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		ND	µg/L	1	05/11/2019 5:26	153209
Bromoform	NELAP	2.00		ND	µg/L	1	05/11/2019 5:26	153209
Ethylbenzene	NELAP	1.00		ND	µg/L	1	05/11/2019 5:26	153209
m,p-Xylenes	NELAP	1.00		ND	µg/L	1	05/11/2019 5:26	153209
Methylene chloride	NELAP	2.00		ND	µg/L	1	05/11/2019 5:26	153209
Naphthalene	NELAP	2.00		ND	µg/L	1	05/11/2019 5:26	153209
o-Xylene	NELAP	1.00		ND	µg/L	1	05/11/2019 5:26	153209
Toluene	NELAP	2.00		ND	µg/L	1	05/11/2019 5:26	153209
trans-1,2-Dichloroethene	NELAP	2.00		ND	µg/L	1	05/11/2019 5:26	153209
Xylenes, Total	NELAP	2.00		ND	µg/L	1	05/11/2019 5:26	153209
Surr: 1,2-Dichloroethane-d4	*	79.6-118		101.2	%REC	1	05/11/2019 5:26	153209
Surr: 4-Bromofluorobenzene	*	83.9-115		103.3	%REC	1	05/11/2019 5:26	153209
Surr: Dibromofluoromethane	*	84.9-113		102.8	%REC	1	05/11/2019 5:26	153209
Surr: Toluene-d8	*	86.7-112		98.4	%REC	1	05/11/2019 5:26	153209

Client: ERM
Work Order: 19050728
Client Project: Ameren Taylorville 2nd Qtr 2019
Report Date: 16-May-2019
Lab ID: 19050728-005
Client Sample ID: GW-13S
Matrix: GROUNDWATER
Collection Date: 05/06/2019 14:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		ND	mg/L	1	05/13/2019 17:11	153198
Acenaphthylene	NELAP	0.000100		ND	mg/L	1	05/13/2019 17:11	153198
Anthracene	NELAP	0.000100		ND	mg/L	1	05/13/2019 17:11	153198
Benzo(a)anthracene	NELAP	0.000100		ND	mg/L	1	05/13/2019 17:11	153198
Benzo(a)pyrene	NELAP	0.000100		ND	mg/L	1	05/13/2019 17:11	153198
Benzo(b)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/13/2019 17:11	153198
Benzo(g,h,i)perylene	NELAP	0.000200		ND	mg/L	1	05/13/2019 17:11	153198
Benzo(k)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/13/2019 17:11	153198
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		ND	mg/L	1	05/13/2019 17:11	153198
Chrysene	NELAP	0.000100		ND	mg/L	1	05/13/2019 17:11	153198
Dibenzo(a,h)anthracene	NELAP	0.000100		ND	mg/L	1	05/13/2019 17:11	153198
Fluoranthene	NELAP	0.000200		ND	mg/L	1	05/13/2019 17:11	153198
Fluorene	NELAP	0.000100		ND	mg/L	1	05/13/2019 17:11	153198
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		ND	mg/L	1	05/13/2019 17:11	153198
Naphthalene	NELAP	0.000200		ND	mg/L	1	05/13/2019 17:11	153198
Phenanthrene	NELAP	0.000400		ND	mg/L	1	05/13/2019 17:11	153198
Pyrene	NELAP	0.000200		ND	mg/L	1	05/13/2019 17:11	153198
Surr: 2-Fluorobiphenyl	*	21.4-142		76.0	%REC	1	05/13/2019 17:11	153198
Surr: Nitrobenzene-d5	*	15-163		82.2	%REC	1	05/13/2019 17:11	153198
Surr: p-Terphenyl-d14	*	10-173		100.4	%REC	1	05/13/2019 17:11	153198
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		ND	µg/L	1	05/11/2019 5:53	153209
Bromoform	NELAP	2.00		ND	µg/L	1	05/11/2019 5:53	153209
Ethylbenzene	NELAP	1.00		ND	µg/L	1	05/11/2019 5:53	153209
m,p-Xylenes	NELAP	1.00		ND	µg/L	1	05/11/2019 5:53	153209
Methylene chloride	NELAP	2.00		ND	µg/L	1	05/11/2019 5:53	153209
Naphthalene	NELAP	2.00		ND	µg/L	1	05/11/2019 5:53	153209
o-Xylene	NELAP	1.00		ND	µg/L	1	05/11/2019 5:53	153209
Toluene	NELAP	2.00		ND	µg/L	1	05/11/2019 5:53	153209
trans-1,2-Dichloroethene	NELAP	2.00		ND	µg/L	1	05/11/2019 5:53	153209
Xylenes, Total	NELAP	2.00		ND	µg/L	1	05/11/2019 5:53	153209
Surr: 1,2-Dichloroethane-d4	*	79.6-118		102.3	%REC	1	05/11/2019 5:53	153209
Surr: 4-Bromofluorobenzene	*	83.9-115		99.7	%REC	1	05/11/2019 5:53	153209
Surr: Dibromofluoromethane	*	84.9-113		101.0	%REC	1	05/11/2019 5:53	153209
Surr: Toluene-d8	*	86.7-112		103.7	%REC	1	05/11/2019 5:53	153209

Client: ERM
Work Order: 19050728
Client Project: Ameren Taylorville 2nd Qtr 2019
Report Date: 16-May-2019
Lab ID: 19050728-006
Client Sample ID: GW-9S
Matrix: GROUNDWATER
Collection Date: 05/06/2019 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	05/13/2019 17:48	153198
Acenaphthylene	NELAP	0.000100		ND	mg/L	1	05/13/2019 17:48	153198
Anthracene	NELAP	0.000100		ND	mg/L	1	05/13/2019 17:48	153198
Benzo(a)anthracene	NELAP	0.000100		ND	mg/L	1	05/13/2019 17:48	153198
Benzo(a)pyrene	NELAP	0.000100		ND	mg/L	1	05/13/2019 17:48	153198
Benzo(b)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/13/2019 17:48	153198
Benzo(g,h,i)perylene	NELAP	0.000200		ND	mg/L	1	05/13/2019 17:48	153198
Benzo(k)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/13/2019 17:48	153198
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		ND	mg/L	1	05/13/2019 17:48	153198
Chrysene	NELAP	0.000100		ND	mg/L	1	05/13/2019 17:48	153198
Dibenzo(a,h)anthracene	NELAP	0.000100		ND	mg/L	1	05/13/2019 17:48	153198
Fluoranthene	NELAP	0.000200		ND	mg/L	1	05/13/2019 17:48	153198
Fluorene	NELAP	0.000100		ND	mg/L	1	05/13/2019 17:48	153198
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		ND	mg/L	1	05/13/2019 17:48	153198
Naphthalene	NELAP	0.000200		ND	mg/L	1	05/13/2019 17:48	153198
Phenanthrene	NELAP	0.000400		ND	mg/L	1	05/13/2019 17:48	153198
Pyrene	NELAP	0.000200		ND	mg/L	1	05/13/2019 17:48	153198
Surr: 2-Fluorobiphenyl	*	21.4-142		64.5	%REC	1	05/13/2019 17:48	153198
Surr: Nitrobenzene-d5	*	15-163		69.9	%REC	1	05/13/2019 17:48	153198
Surr: p-Terphenyl-d14	*	10-173		66.7	%REC	1	05/13/2019 17:48	153198
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		ND	µg/L	1	05/11/2019 6:21	153209
Bromoform	NELAP	2.00		ND	µg/L	1	05/11/2019 6:21	153209
Ethylbenzene	NELAP	1.00		ND	µg/L	1	05/11/2019 6:21	153209
m,p-Xylenes	NELAP	1.00		ND	µg/L	1	05/11/2019 6:21	153209
Methylene chloride	NELAP	2.00		ND	µg/L	1	05/11/2019 6:21	153209
Naphthalene	NELAP	2.00		ND	µg/L	1	05/11/2019 6:21	153209
o-Xylene	NELAP	1.00		ND	µg/L	1	05/11/2019 6:21	153209
Toluene	NELAP	2.00		ND	µg/L	1	05/11/2019 6:21	153209
trans-1,2-Dichloroethene	NELAP	2.00		ND	µg/L	1	05/11/2019 6:21	153209
Xylenes, Total	NELAP	2.00		ND	µg/L	1	05/11/2019 6:21	153209
Surr: 1,2-Dichloroethane-d4	*	79.6-118		101.4	%REC	1	05/11/2019 6:21	153209
Surr: 4-Bromofluorobenzene	*	83.9-115		96.4	%REC	1	05/11/2019 6:21	153209
Surr: Dibromofluoromethane	*	84.9-113		101.5	%REC	1	05/11/2019 6:21	153209
Surr: Toluene-d8	*	86.7-112		101.9	%REC	1	05/11/2019 6:21	153209

Client: ERM
Work Order: 19050728
Client Project: Ameren Taylorville 2nd Qtr 2019
Report Date: 16-May-2019
Lab ID: 19050728-007
Client Sample ID: GW-9D
Matrix: GROUNDWATER
Collection Date: 05/06/2019 15:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		ND	mg/L	1	05/13/2019 18:26	153198
Acenaphthylene	NELAP	0.000100		ND	mg/L	1	05/13/2019 18:26	153198
Anthracene	NELAP	0.000100		ND	mg/L	1	05/13/2019 18:26	153198
Benzo(a)anthracene	NELAP	0.000100		ND	mg/L	1	05/13/2019 18:26	153198
Benzo(a)pyrene	NELAP	0.000100		ND	mg/L	1	05/13/2019 18:26	153198
Benzo(b)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/13/2019 18:26	153198
Benzo(g,h,i)perylene	NELAP	0.000200		ND	mg/L	1	05/13/2019 18:26	153198
Benzo(k)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/13/2019 18:26	153198
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		ND	mg/L	1	05/13/2019 18:26	153198
Chrysene	NELAP	0.000100		ND	mg/L	1	05/13/2019 18:26	153198
Dibenzo(a,h)anthracene	NELAP	0.000100		ND	mg/L	1	05/13/2019 18:26	153198
Fluoranthene	NELAP	0.000200		ND	mg/L	1	05/13/2019 18:26	153198
Fluorene	NELAP	0.000100		ND	mg/L	1	05/13/2019 18:26	153198
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		ND	mg/L	1	05/13/2019 18:26	153198
Naphthalene	NELAP	0.000200		ND	mg/L	1	05/13/2019 18:26	153198
Phenanthrene	NELAP	0.000400		ND	mg/L	1	05/13/2019 18:26	153198
Pyrene	NELAP	0.000200		ND	mg/L	1	05/13/2019 18:26	153198
Surr: 2-Fluorobiphenyl	*	21.4-142		79.8	%REC	1	05/13/2019 18:26	153198
Surr: Nitrobenzene-d5	*	15-163		79.0	%REC	1	05/13/2019 18:26	153198
Surr: p-Terphenyl-d14	*	10-173		98.7	%REC	1	05/13/2019 18:26	153198
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		ND	µg/L	1	05/11/2019 6:49	153209
Bromoform	NELAP	2.00		ND	µg/L	1	05/11/2019 6:49	153209
Ethylbenzene	NELAP	1.00		ND	µg/L	1	05/11/2019 6:49	153209
m,p-Xylenes	NELAP	1.00		ND	µg/L	1	05/11/2019 6:49	153209
Methylene chloride	NELAP	2.00		ND	µg/L	1	05/11/2019 6:49	153209
Naphthalene	NELAP	2.00		ND	µg/L	1	05/11/2019 6:49	153209
o-Xylene	NELAP	1.00		ND	µg/L	1	05/11/2019 6:49	153209
Toluene	NELAP	2.00		ND	µg/L	1	05/11/2019 6:49	153209
trans-1,2-Dichloroethene	NELAP	2.00		ND	µg/L	1	05/11/2019 6:49	153209
Xylenes, Total	NELAP	2.00		ND	µg/L	1	05/11/2019 6:49	153209
Surr: 1,2-Dichloroethane-d4	*	79.6-118		102.6	%REC	1	05/11/2019 6:49	153209
Surr: 4-Bromofluorobenzene	*	83.9-115		99.6	%REC	1	05/11/2019 6:49	153209
Surr: Dibromofluoromethane	*	84.9-113		100.4	%REC	1	05/11/2019 6:49	153209
Surr: Toluene-d8	*	86.7-112		95.8	%REC	1	05/11/2019 6:49	153209

Client: ERM
Work Order: 19050728
Client Project: Ameren Taylorville 2nd Qtr 2019
Report Date: 16-May-2019
Lab ID: 19050728-008
Client Sample ID: GW-12
Matrix: GROUNDWATER
Collection Date: 05/06/2019 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	05/13/2019 19:04	153198
Acenaphthylene	NELAP	0.000100		ND	mg/L	1	05/13/2019 19:04	153198
Anthracene	NELAP	0.000100		ND	mg/L	1	05/13/2019 19:04	153198
Benzo(a)anthracene	NELAP	0.00010	J	0.000055	mg/L	1	05/13/2019 19:04	153198
Benzo(a)pyrene	NELAP	0.000100		ND	mg/L	1	05/13/2019 19:04	153198
Benzo(b)fluoranthene	NELAP	0.00010	J	0.000056	mg/L	1	05/13/2019 19:04	153198
Benzo(g,h,i)perylene	NELAP	0.000200		ND	mg/L	1	05/13/2019 19:04	153198
Benzo(k)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/13/2019 19:04	153198
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		ND	mg/L	1	05/13/2019 19:04	153198
Chrysene	NELAP	0.00010	J	0.000044	mg/L	1	05/13/2019 19:04	153198
Dibenzo(a,h)anthracene	NELAP	0.000100		ND	mg/L	1	05/13/2019 19:04	153198
Fluoranthene	NELAP	0.000200		ND	mg/L	1	05/13/2019 19:04	153198
Fluorene	NELAP	0.000100		ND	mg/L	1	05/13/2019 19:04	153198
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		ND	mg/L	1	05/13/2019 19:04	153198
Naphthalene	NELAP	0.000200		ND	mg/L	1	05/13/2019 19:04	153198
Phenanthrene	NELAP	0.000400		ND	mg/L	1	05/13/2019 19:04	153198
Pyrene	NELAP	0.000200		ND	mg/L	1	05/13/2019 19:04	153198
Surr: 2-Fluorobiphenyl	*	21.4-142		67.1	%REC	1	05/13/2019 19:04	153198
Surr: Nitrobenzene-d5	*	15-163		73.6	%REC	1	05/13/2019 19:04	153198
Surr: p-Terphenyl-d14	*	10-173		79.4	%REC	1	05/13/2019 19:04	153198
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		ND	µg/L	1	05/11/2019 7:15	153209
Bromoform	NELAP	2.00		ND	µg/L	1	05/11/2019 7:15	153209
Ethylbenzene	NELAP	1.00		ND	µg/L	1	05/11/2019 7:15	153209
m,p-Xylenes	NELAP	1.00		ND	µg/L	1	05/11/2019 7:15	153209
Methylene chloride	NELAP	2.00		ND	µg/L	1	05/11/2019 7:15	153209
Naphthalene	NELAP	2.00		ND	µg/L	1	05/11/2019 7:15	153209
o-Xylene	NELAP	1.00		ND	µg/L	1	05/11/2019 7:15	153209
Toluene	NELAP	2.00		ND	µg/L	1	05/11/2019 7:15	153209
trans-1,2-Dichloroethene	NELAP	2.00		ND	µg/L	1	05/11/2019 7:15	153209
Xylenes, Total	NELAP	2.00		ND	µg/L	1	05/11/2019 7:15	153209
Surr: 1,2-Dichloroethane-d4	*	79.6-118		101.4	%REC	1	05/11/2019 7:15	153209
Surr: 4-Bromofluorobenzene	*	83.9-115		97.3	%REC	1	05/11/2019 7:15	153209
Surr: Dibromofluoromethane	*	84.9-113		99.7	%REC	1	05/11/2019 7:15	153209
Surr: Toluene-d8	*	86.7-112		99.2	%REC	1	05/11/2019 7:15	153209

Client: ERM
Work Order: 19050728
Client Project: Ameren Taylorville 2nd Qtr 2019
Report Date: 16-May-2019
Lab ID: 19050728-009
Client Sample ID: GW-103S
Matrix: GROUNDWATER
Collection Date: 05/06/2019 17:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		ND	mg/L	1	05/13/2019 19:41	153198
Acenaphthylene	NELAP	0.000100		ND	mg/L	1	05/13/2019 19:41	153198
Anthracene	NELAP	0.000100		ND	mg/L	1	05/13/2019 19:41	153198
Benzo(a)anthracene	NELAP	0.000100		ND	mg/L	1	05/13/2019 19:41	153198
Benzo(a)pyrene	NELAP	0.000100		ND	mg/L	1	05/13/2019 19:41	153198
Benzo(b)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/13/2019 19:41	153198
Benzo(g,h,i)perylene	NELAP	0.000200		ND	mg/L	1	05/13/2019 19:41	153198
Benzo(k)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/13/2019 19:41	153198
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		ND	mg/L	1	05/13/2019 19:41	153198
Chrysene	NELAP	0.000100		ND	mg/L	1	05/13/2019 19:41	153198
Dibenzo(a,h)anthracene	NELAP	0.000100		ND	mg/L	1	05/13/2019 19:41	153198
Fluoranthene	NELAP	0.000200		ND	mg/L	1	05/13/2019 19:41	153198
Fluorene	NELAP	0.000100		ND	mg/L	1	05/13/2019 19:41	153198
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		ND	mg/L	1	05/13/2019 19:41	153198
Naphthalene	NELAP	0.000200		ND	mg/L	1	05/13/2019 19:41	153198
Phenanthrene	NELAP	0.000400		ND	mg/L	1	05/13/2019 19:41	153198
Pyrene	NELAP	0.000200		ND	mg/L	1	05/13/2019 19:41	153198
Surr: 2-Fluorobiphenyl	*	21.4-142		73.8	%REC	1	05/13/2019 19:41	153198
Surr: Nitrobenzene-d5	*	15-163		79.2	%REC	1	05/13/2019 19:41	153198
Surr: p-Terphenyl-d14	*	10-173		91.7	%REC	1	05/13/2019 19:41	153198
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		ND	µg/L	1	05/11/2019 1:08	153202
Bromoform	NELAP	2.00		ND	µg/L	1	05/11/2019 1:08	153202
Ethylbenzene	NELAP	1.00		ND	µg/L	1	05/11/2019 1:08	153202
m,p-Xylenes	NELAP	1.00		ND	µg/L	1	05/11/2019 1:08	153202
Methylene chloride	NELAP	2.00		ND	µg/L	1	05/11/2019 1:08	153202
Naphthalene	NELAP	2.00		ND	µg/L	1	05/11/2019 1:08	153202
o-Xylene	NELAP	1.00		ND	µg/L	1	05/11/2019 1:08	153202
Toluene	NELAP	2.00		ND	µg/L	1	05/11/2019 1:08	153202
trans-1,2-Dichloroethene	NELAP	2.00		ND	µg/L	1	05/11/2019 1:08	153202
Xylenes, Total	NELAP	2.00		ND	µg/L	1	05/11/2019 1:08	153202
Surr: 1,2-Dichloroethane-d4	*	79.6-118		99.0	%REC	1	05/11/2019 1:08	153202
Surr: 4-Bromofluorobenzene	*	83.9-115		103.8	%REC	1	05/11/2019 1:08	153202
Surr: Dibromofluoromethane	*	84.9-113		100.3	%REC	1	05/11/2019 1:08	153202
Surr: Toluene-d8	*	86.7-112		98.2	%REC	1	05/11/2019 1:08	153202

Client: ERM
Work Order: 19050728
Client Project: Ameren Taylorville 2nd Qtr 2019
Report Date: 16-May-2019
Lab ID: 19050728-010
Client Sample ID: GW-103D
Matrix: GROUNDWATER
Collection Date: 05/06/2019 17:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000294		ND	mg/L	1	05/14/2019 6:25	153198
Acenaphthylene	NELAP	0.000294		ND	mg/L	1	05/14/2019 6:25	153198
Anthracene	NELAP	0.000294		ND	mg/L	1	05/14/2019 6:25	153198
Benzo(a)anthracene	NELAP	0.000294		ND	mg/L	1	05/14/2019 6:25	153198
Benzo(a)pyrene	NELAP	0.000294		ND	mg/L	1	05/14/2019 6:25	153198
Benzo(b)fluoranthene	NELAP	0.000294		ND	mg/L	1	05/14/2019 6:25	153198
Benzo(g,h,i)perylene	NELAP	0.000588		ND	mg/L	1	05/14/2019 6:25	153198
Benzo(k)fluoranthene	NELAP	0.000294		ND	mg/L	1	05/14/2019 6:25	153198
Bis(2-ethylhexyl)phthalate	NELAP	0.00588		ND	mg/L	1	05/14/2019 6:25	153198
Chrysene	NELAP	0.000294		ND	mg/L	1	05/14/2019 6:25	153198
Dibenzo(a,h)anthracene	NELAP	0.000294		ND	mg/L	1	05/14/2019 6:25	153198
Fluoranthene	NELAP	0.000588		ND	mg/L	1	05/14/2019 6:25	153198
Fluorene	NELAP	0.000294		ND	mg/L	1	05/14/2019 6:25	153198
Indeno(1,2,3-cd)pyrene	NELAP	0.000294		ND	mg/L	1	05/14/2019 6:25	153198
Naphthalene	NELAP	0.000588		ND	mg/L	1	05/14/2019 6:25	153198
Phenanthrene	NELAP	0.00118		ND	mg/L	1	05/14/2019 6:25	153198
Pyrene	NELAP	0.000588		ND	mg/L	1	05/14/2019 6:25	153198
Surr: 2-Fluorobiphenyl	*	21.4-142		73.1	%REC	1	05/14/2019 6:25	153198
Surr: Nitrobenzene-d5	*	15-163		73.3	%REC	1	05/14/2019 6:25	153198
Surr: p-Terphenyl-d14	*	10-173		88.0	%REC	1	05/14/2019 6:25	153198
Elevated reporting limits due to limited sample upon re-extraction.								
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		ND	µg/L	1	05/11/2019 1:34	153202
Bromoform	NELAP	2.00		ND	µg/L	1	05/11/2019 1:34	153202
Ethylbenzene	NELAP	1.00		ND	µg/L	1	05/11/2019 1:34	153202
m,p-Xylenes	NELAP	1.00		ND	µg/L	1	05/11/2019 1:34	153202
Methylene chloride	NELAP	2.00		ND	µg/L	1	05/11/2019 1:34	153202
Naphthalene	NELAP	2.00		ND	µg/L	1	05/11/2019 1:34	153202
o-Xylene	NELAP	1.00		ND	µg/L	1	05/11/2019 1:34	153202
Toluene	NELAP	2.00		ND	µg/L	1	05/11/2019 1:34	153202
trans-1,2-Dichloroethene	NELAP	2.00		ND	µg/L	1	05/11/2019 1:34	153202
Xylenes, Total	NELAP	2.00		ND	µg/L	1	05/11/2019 1:34	153202
Surr: 1,2-Dichloroethane-d4	*	79.6-118		101.7	%REC	1	05/11/2019 1:34	153202
Surr: 4-Bromofluorobenzene	*	83.9-115		99.7	%REC	1	05/11/2019 1:34	153202
Surr: Dibromofluoromethane	*	84.9-113		100.2	%REC	1	05/11/2019 1:34	153202
Surr: Toluene-d8	*	86.7-112		98.9	%REC	1	05/11/2019 1:34	153202

Client: ERM
Work Order: 19050728
Client Project: Ameren Taylorville 2nd Qtr 2019
Report Date: 16-May-2019
Lab ID: 19050728-011
Client Sample ID: GW-103S DUP
Matrix: GROUNDWATER
Collection Date: 05/06/2019 17:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		ND	mg/L	1	05/13/2019 22:51	153198
Acenaphthylene	NELAP	0.000100		ND	mg/L	1	05/13/2019 22:51	153198
Anthracene	NELAP	0.000100		ND	mg/L	1	05/13/2019 22:51	153198
Benzo(a)anthracene	NELAP	0.000100		ND	mg/L	1	05/13/2019 22:51	153198
Benzo(a)pyrene	NELAP	0.000100		ND	mg/L	1	05/13/2019 22:51	153198
Benzo(b)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/13/2019 22:51	153198
Benzo(g,h,i)perylene	NELAP	0.000200		ND	mg/L	1	05/13/2019 22:51	153198
Benzo(k)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/13/2019 22:51	153198
Bis(2-ethylhexyl)phthalate	NELAP	0.0020	J	0.0020	mg/L	1	05/13/2019 22:51	153198
Chrysene	NELAP	0.000100		ND	mg/L	1	05/13/2019 22:51	153198
Dibenzo(a,h)anthracene	NELAP	0.000100		ND	mg/L	1	05/13/2019 22:51	153198
Fluoranthene	NELAP	0.000200		ND	mg/L	1	05/13/2019 22:51	153198
Fluorene	NELAP	0.000100		ND	mg/L	1	05/13/2019 22:51	153198
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		ND	mg/L	1	05/13/2019 22:51	153198
Naphthalene	NELAP	0.000200		ND	mg/L	1	05/13/2019 22:51	153198
Phenanthrene	NELAP	0.000400		ND	mg/L	1	05/13/2019 22:51	153198
Pyrene	NELAP	0.000200		ND	mg/L	1	05/13/2019 22:51	153198
Surr: 2-Fluorobiphenyl	*	21.4-142		72.0	%REC	1	05/13/2019 22:51	153198
Surr: Nitrobenzene-d5	*	15-163		77.7	%REC	1	05/13/2019 22:51	153198
Surr: p-Terphenyl-d14	*	10-173		89.5	%REC	1	05/13/2019 22:51	153198
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		ND	µg/L	1	05/11/2019 2:00	153202
Bromoform	NELAP	2.00		ND	µg/L	1	05/11/2019 2:00	153202
Ethylbenzene	NELAP	1.00		ND	µg/L	1	05/11/2019 2:00	153202
m,p-Xylenes	NELAP	1.00		ND	µg/L	1	05/11/2019 2:00	153202
Methylene chloride	NELAP	2.00		ND	µg/L	1	05/11/2019 2:00	153202
Naphthalene	NELAP	2.00		ND	µg/L	1	05/11/2019 2:00	153202
o-Xylene	NELAP	1.00		ND	µg/L	1	05/11/2019 2:00	153202
Toluene	NELAP	2.00		ND	µg/L	1	05/11/2019 2:00	153202
trans-1,2-Dichloroethene	NELAP	2.00		ND	µg/L	1	05/11/2019 2:00	153202
Xylenes, Total	NELAP	2.00		ND	µg/L	1	05/11/2019 2:00	153202
Surr: 1,2-Dichloroethane-d4	*	79.6-118		98.7	%REC	1	05/11/2019 2:00	153202
Surr: 4-Bromofluorobenzene	*	83.9-115		103.2	%REC	1	05/11/2019 2:00	153202
Surr: Dibromofluoromethane	*	84.9-113		98.4	%REC	1	05/11/2019 2:00	153202
Surr: Toluene-d8	*	86.7-112		99.9	%REC	1	05/11/2019 2:00	153202

Client: ERM
Work Order: 19050728
Client Project: Ameren Taylorville 2nd Qtr 2019
Report Date: 16-May-2019
Lab ID: 19050728-012
Client Sample ID: GW-20
Matrix: GROUNDWATER
Collection Date: 05/07/2019 8:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		ND	mg/L	1	05/13/2019 23:29	153198
Acenaphthylene	NELAP	0.000100		ND	mg/L	1	05/13/2019 23:29	153198
Anthracene	NELAP	0.000100		ND	mg/L	1	05/13/2019 23:29	153198
Benzo(a)anthracene	NELAP	0.000100		ND	mg/L	1	05/13/2019 23:29	153198
Benzo(a)pyrene	NELAP	0.000100		ND	mg/L	1	05/13/2019 23:29	153198
Benzo(b)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/13/2019 23:29	153198
Benzo(g,h,i)perylene	NELAP	0.000200		ND	mg/L	1	05/13/2019 23:29	153198
Benzo(k)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/13/2019 23:29	153198
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		ND	mg/L	1	05/13/2019 23:29	153198
Chrysene	NELAP	0.000100		ND	mg/L	1	05/13/2019 23:29	153198
Dibenzo(a,h)anthracene	NELAP	0.000100		ND	mg/L	1	05/13/2019 23:29	153198
Fluoranthene	NELAP	0.000200		ND	mg/L	1	05/13/2019 23:29	153198
Fluorene	NELAP	0.000100		ND	mg/L	1	05/13/2019 23:29	153198
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		ND	mg/L	1	05/13/2019 23:29	153198
Naphthalene	NELAP	0.000200		ND	mg/L	1	05/13/2019 23:29	153198
Phenanthrene	NELAP	0.000400		ND	mg/L	1	05/13/2019 23:29	153198
Pyrene	NELAP	0.000200		ND	mg/L	1	05/13/2019 23:29	153198
Surr: 2-Fluorobiphenyl	*	21.4-142		70.6	%REC	1	05/13/2019 23:29	153198
Surr: Nitrobenzene-d5	*	15-163		73.6	%REC	1	05/13/2019 23:29	153198
Surr: p-Terphenyl-d14	*	10-173		99.8	%REC	1	05/13/2019 23:29	153198
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		ND	µg/L	1	05/11/2019 2:26	153202
Bromoform	NELAP	2.00		ND	µg/L	1	05/11/2019 2:26	153202
Ethylbenzene	NELAP	1.00		ND	µg/L	1	05/11/2019 2:26	153202
m,p-Xylenes	NELAP	1.00		ND	µg/L	1	05/11/2019 2:26	153202
Methylene chloride	NELAP	2.00		ND	µg/L	1	05/11/2019 2:26	153202
Naphthalene	NELAP	2.00		ND	µg/L	1	05/11/2019 2:26	153202
o-Xylene	NELAP	1.00		ND	µg/L	1	05/11/2019 2:26	153202
Toluene	NELAP	2.00		ND	µg/L	1	05/11/2019 2:26	153202
trans-1,2-Dichloroethene	NELAP	2.00		ND	µg/L	1	05/11/2019 2:26	153202
Xylenes, Total	NELAP	2.00		ND	µg/L	1	05/11/2019 2:26	153202
Surr: 1,2-Dichloroethane-d4	*	79.6-118		101.2	%REC	1	05/11/2019 2:26	153202
Surr: 4-Bromofluorobenzene	*	83.9-115		101.2	%REC	1	05/11/2019 2:26	153202
Surr: Dibromofluoromethane	*	84.9-113		99.1	%REC	1	05/11/2019 2:26	153202
Surr: Toluene-d8	*	86.7-112		96.4	%REC	1	05/11/2019 2:26	153202

Client: ERM
Work Order: 19050728
Client Project: Ameren Taylorville 2nd Qtr 2019
Report Date: 16-May-2019
Lab ID: 19050728-013
Client Sample ID: GW-1
Matrix: GROUNDWATER
Collection Date: 05/07/2019 8:40

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	05/14/2019 0:07	153198
Acenaphthylene	NELAP	0.000100		ND	mg/L	1	05/14/2019 0:07	153198
Anthracene	NELAP	0.000100		ND	mg/L	1	05/14/2019 0:07	153198
Benzo(a)anthracene	NELAP	0.000100		ND	mg/L	1	05/14/2019 0:07	153198
Benzo(a)pyrene	NELAP	0.000100		ND	mg/L	1	05/14/2019 0:07	153198
Benzo(b)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/14/2019 0:07	153198
Benzo(g,h,i)perylene	NELAP	0.000200		ND	mg/L	1	05/14/2019 0:07	153198
Benzo(k)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/14/2019 0:07	153198
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		ND	mg/L	1	05/14/2019 0:07	153198
Chrysene	NELAP	0.000100		ND	mg/L	1	05/14/2019 0:07	153198
Dibenzo(a,h)anthracene	NELAP	0.000100		ND	mg/L	1	05/14/2019 0:07	153198
Fluoranthene	NELAP	0.000200		ND	mg/L	1	05/14/2019 0:07	153198
Fluorene	NELAP	0.000100		ND	mg/L	1	05/14/2019 0:07	153198
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		ND	mg/L	1	05/14/2019 0:07	153198
Naphthalene	NELAP	0.000200		ND	mg/L	1	05/14/2019 0:07	153198
Phenanthrene	NELAP	0.000400		ND	mg/L	1	05/14/2019 0:07	153198
Pyrene	NELAP	0.000200		ND	mg/L	1	05/14/2019 0:07	153198
Surr: 2-Fluorobiphenyl	*	21.4-142		75.7	%REC	1	05/14/2019 0:07	153198
Surr: Nitrobenzene-d5	*	15-163		83.0	%REC	1	05/14/2019 0:07	153198
Surr: p-Terphenyl-d14	*	10-173		104.6	%REC	1	05/14/2019 0:07	153198
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		ND	µg/L	1	05/11/2019 2:52	153202
Bromoform	NELAP	2.00		ND	µg/L	1	05/11/2019 2:52	153202
Ethylbenzene	NELAP	1.00		ND	µg/L	1	05/11/2019 2:52	153202
m,p-Xylenes	NELAP	1.00		ND	µg/L	1	05/11/2019 2:52	153202
Methylene chloride	NELAP	2.00		ND	µg/L	1	05/11/2019 2:52	153202
Naphthalene	NELAP	2.00		ND	µg/L	1	05/11/2019 2:52	153202
o-Xylene	NELAP	1.00		ND	µg/L	1	05/11/2019 2:52	153202
Toluene	NELAP	2.00		ND	µg/L	1	05/11/2019 2:52	153202
trans-1,2-Dichloroethene	NELAP	2.00		ND	µg/L	1	05/11/2019 2:52	153202
Xylenes, Total	NELAP	2.00		ND	µg/L	1	05/11/2019 2:52	153202
Surr: 1,2-Dichloroethane-d4	*	79.6-118		99.2	%REC	1	05/11/2019 2:52	153202
Surr: 4-Bromofluorobenzene	*	83.9-115		102.5	%REC	1	05/11/2019 2:52	153202
Surr: Dibromofluoromethane	*	84.9-113		98.8	%REC	1	05/11/2019 2:52	153202
Surr: Toluene-d8	*	86.7-112		97.5	%REC	1	05/11/2019 2:52	153202

Client: ERM
Work Order: 19050728
Client Project: Ameren Taylorville 2nd Qtr 2019
Report Date: 16-May-2019
Lab ID: 19050728-014
Client Sample ID: GW-21
Matrix: GROUNDWATER
Collection Date: 05/07/2019 10:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		ND	mg/L	1	05/14/2019 0:45	153198
Acenaphthylene	NELAP	0.000100		ND	mg/L	1	05/14/2019 0:45	153198
Anthracene	NELAP	0.000100		ND	mg/L	1	05/14/2019 0:45	153198
Benzo(a)anthracene	NELAP	0.000100		ND	mg/L	1	05/14/2019 0:45	153198
Benzo(a)pyrene	NELAP	0.000100		ND	mg/L	1	05/14/2019 0:45	153198
Benzo(b)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/14/2019 0:45	153198
Benzo(g,h,i)perylene	NELAP	0.000200		ND	mg/L	1	05/14/2019 0:45	153198
Benzo(k)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/14/2019 0:45	153198
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		ND	mg/L	1	05/14/2019 0:45	153198
Chrysene	NELAP	0.000100		ND	mg/L	1	05/14/2019 0:45	153198
Dibenzo(a,h)anthracene	NELAP	0.000100		ND	mg/L	1	05/14/2019 0:45	153198
Fluoranthene	NELAP	0.000200		ND	mg/L	1	05/14/2019 0:45	153198
Fluorene	NELAP	0.000100		ND	mg/L	1	05/14/2019 0:45	153198
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		ND	mg/L	1	05/14/2019 0:45	153198
Naphthalene	NELAP	0.000200		ND	mg/L	1	05/14/2019 0:45	153198
Phenanthrene	NELAP	0.000400		ND	mg/L	1	05/14/2019 0:45	153198
Pyrene	NELAP	0.000200		ND	mg/L	1	05/14/2019 0:45	153198
Surr: 2-Fluorobiphenyl	*	21.4-142		80.4	%REC	1	05/14/2019 0:45	153198
Surr: Nitrobenzene-d5	*	15-163		79.5	%REC	1	05/14/2019 0:45	153198
Surr: p-Terphenyl-d14	*	10-173		111.3	%REC	1	05/14/2019 0:45	153198
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		ND	µg/L	1	05/11/2019 3:18	153202
Bromoform	NELAP	2.00		ND	µg/L	1	05/11/2019 3:18	153202
Ethylbenzene	NELAP	1.00		ND	µg/L	1	05/11/2019 3:18	153202
m,p-Xylenes	NELAP	1.00		ND	µg/L	1	05/11/2019 3:18	153202
Methylene chloride	NELAP	2.00		ND	µg/L	1	05/11/2019 3:18	153202
Naphthalene	NELAP	2.00		ND	µg/L	1	05/11/2019 3:18	153202
o-Xylene	NELAP	1.00		ND	µg/L	1	05/11/2019 3:18	153202
Toluene	NELAP	2.00		ND	µg/L	1	05/11/2019 3:18	153202
trans-1,2-Dichloroethene	NELAP	2.00		ND	µg/L	1	05/11/2019 3:18	153202
Xylenes, Total	NELAP	2.00		ND	µg/L	1	05/11/2019 3:18	153202
Surr: 1,2-Dichloroethane-d4	*	79.6-118		99.6	%REC	1	05/11/2019 3:18	153202
Surr: 4-Bromofluorobenzene	*	83.9-115		104.2	%REC	1	05/11/2019 3:18	153202
Surr: Dibromofluoromethane	*	84.9-113		98.9	%REC	1	05/11/2019 3:18	153202
Surr: Toluene-d8	*	86.7-112		98.9	%REC	1	05/11/2019 3:18	153202

Client: ERM

Work Order: 19050728

Client Project: Ameren Taylorville 2nd Qtr 2019

Report Date: 16-May-2019

Lab ID: 19050728-015

Client Sample ID: GW-5

Matrix: GROUNDWATER

Collection Date: 05/07/2019 11:40

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	05/14/2019 1:23	153198
Acenaphthylene	NELAP	0.000100		ND	mg/L	1	05/14/2019 1:23	153198
Anthracene	NELAP	0.000100		ND	mg/L	1	05/14/2019 1:23	153198
Benzo(a)anthracene	NELAP	0.000100		ND	mg/L	1	05/14/2019 1:23	153198
Benzo(a)pyrene	NELAP	0.000100		ND	mg/L	1	05/14/2019 1:23	153198
Benzo(b)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/14/2019 1:23	153198
Benzo(g,h,i)perylene	NELAP	0.000200		ND	mg/L	1	05/14/2019 1:23	153198
Benzo(k)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/14/2019 1:23	153198
Bis(2-ethylhexyl)phthalate	NELAP	0.0100		0.0103	mg/L	5	05/15/2019 3:45	153198
Chrysene	NELAP	0.000100		ND	mg/L	1	05/14/2019 1:23	153198
Dibenzo(a,h)anthracene	NELAP	0.000100		ND	mg/L	1	05/14/2019 1:23	153198
Fluoranthene	NELAP	0.000200		ND	mg/L	1	05/14/2019 1:23	153198
Fluorene	NELAP	0.000100		ND	mg/L	1	05/14/2019 1:23	153198
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		ND	mg/L	1	05/14/2019 1:23	153198
Naphthalene	NELAP	0.000200		ND	mg/L	1	05/14/2019 1:23	153198
Phenanthrene	NELAP	0.000400		ND	mg/L	1	05/14/2019 1:23	153198
Pyrene	NELAP	0.000200		ND	mg/L	1	05/14/2019 1:23	153198
Surr: 2-Fluorobiphenyl	*	21.4-142		79.7	%REC	1	05/14/2019 1:23	153198
Surr: Nitrobenzene-d5	*	15-163		81.4	%REC	1	05/14/2019 1:23	153198
Surr: p-Terphenyl-d14	*	10-173		105.2	%REC	1	05/14/2019 1:23	153198
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		ND	µg/L	1	05/11/2019 3:44	153202
Bromoform	NELAP	2.00		ND	µg/L	1	05/11/2019 3:44	153202
Ethylbenzene	NELAP	1.00		ND	µg/L	1	05/11/2019 3:44	153202
m,p-Xylenes	NELAP	1.00		ND	µg/L	1	05/11/2019 3:44	153202
Methylene chloride	NELAP	2.00		ND	µg/L	1	05/11/2019 3:44	153202
Naphthalene	NELAP	2.00		ND	µg/L	1	05/11/2019 3:44	153202
o-Xylene	NELAP	1.00		ND	µg/L	1	05/11/2019 3:44	153202
Toluene	NELAP	2.00		ND	µg/L	1	05/11/2019 3:44	153202
trans-1,2-Dichloroethene	NELAP	2.00		ND	µg/L	1	05/11/2019 3:44	153202
Xylenes, Total	NELAP	2.00		ND	µg/L	1	05/11/2019 3:44	153202
Surr: 1,2-Dichloroethane-d4	*	79.6-118		99.9	%REC	1	05/11/2019 3:44	153202
Surr: 4-Bromofluorobenzene	*	83.9-115		101.9	%REC	1	05/11/2019 3:44	153202
Surr: Dibromofluoromethane	*	84.9-113		100.7	%REC	1	05/11/2019 3:44	153202
Surr: Toluene-d8	*	86.7-112		98.7	%REC	1	05/11/2019 3:44	153202

Client: ERM
Work Order: 19050728
Client Project: Ameren Taylorville 2nd Qtr 2019
Report Date: 16-May-2019
Lab ID: 19050728-016
Client Sample ID: GW-18D
Matrix: GROUNDWATER
Collection Date: 05/07/2019 13:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000556		ND	mg/L	1	05/14/2019 3:54	153198
Acenaphthylene	NELAP	0.000556		ND	mg/L	1	05/14/2019 3:54	153198
Anthracene	NELAP	0.000556		ND	mg/L	1	05/14/2019 3:54	153198
Benzo(a)anthracene	NELAP	0.000556		ND	mg/L	1	05/14/2019 3:54	153198
Benzo(a)pyrene	NELAP	0.000556		ND	mg/L	1	05/14/2019 3:54	153198
Benzo(b)fluoranthene	NELAP	0.000556		ND	mg/L	1	05/14/2019 3:54	153198
Benzo(g,h,i)perylene	NELAP	0.00111		ND	mg/L	1	05/14/2019 3:54	153198
Benzo(k)fluoranthene	NELAP	0.000556		ND	mg/L	1	05/14/2019 3:54	153198
Bis(2-ethylhexyl)phthalate	NELAP	0.0111		ND	mg/L	1	05/14/2019 3:54	153198
Chrysene	NELAP	0.000556		ND	mg/L	1	05/14/2019 3:54	153198
Dibenzo(a,h)anthracene	NELAP	0.000556		ND	mg/L	1	05/14/2019 3:54	153198
Fluoranthene	NELAP	0.00111		ND	mg/L	1	05/14/2019 3:54	153198
Fluorene	NELAP	0.000556		ND	mg/L	1	05/14/2019 3:54	153198
Indeno(1,2,3-cd)pyrene	NELAP	0.000556		ND	mg/L	1	05/14/2019 3:54	153198
Naphthalene	NELAP	0.00111		ND	mg/L	1	05/14/2019 3:54	153198
Phenanthrene	NELAP	0.00222		ND	mg/L	1	05/14/2019 3:54	153198
Pyrene	NELAP	0.00111		ND	mg/L	1	05/14/2019 3:54	153198
Surr: 2-Fluorobiphenyl	*	21.4-142		81.2	%REC	1	05/14/2019 3:54	153198
Surr: Nitrobenzene-d5	*	15-163		80.3	%REC	1	05/14/2019 3:54	153198
Surr: p-Terphenyl-d14	*	10-173		115.9	%REC	1	05/14/2019 3:54	153198
Elevated reporting limit due to lab error. Sample broke in prep.								
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50	J	0.13	µg/L	1	05/11/2019 4:10	153202
Bromoform	NELAP	2.00		ND	µg/L	1	05/11/2019 4:10	153202
Ethylbenzene	NELAP	1.00		ND	µg/L	1	05/11/2019 4:10	153202
m,p-Xylenes	NELAP	1.00		ND	µg/L	1	05/11/2019 4:10	153202
Methylene chloride	NELAP	2.00		ND	µg/L	1	05/11/2019 4:10	153202
Naphthalene	NELAP	2.00		ND	µg/L	1	05/11/2019 4:10	153202
o-Xylene	NELAP	1.00		ND	µg/L	1	05/11/2019 4:10	153202
Toluene	NELAP	2.00		ND	µg/L	1	05/11/2019 4:10	153202
trans-1,2-Dichloroethene	NELAP	2.0	J	0.42	µg/L	1	05/11/2019 4:10	153202
Xylenes, Total	NELAP	2.00		ND	µg/L	1	05/11/2019 4:10	153202
Surr: 1,2-Dichloroethane-d4	*	79.6-118		101.0	%REC	1	05/11/2019 4:10	153202
Surr: 4-Bromofluorobenzene	*	83.9-115		102.6	%REC	1	05/11/2019 4:10	153202
Surr: Dibromofluoromethane	*	84.9-113		101.3	%REC	1	05/11/2019 4:10	153202
Surr: Toluene-d8	*	86.7-112		100.9	%REC	1	05/11/2019 4:10	153202

Client: ERM
Work Order: 19050728
Client Project: Ameren Taylorville 2nd Qtr 2019
Report Date: 16-May-2019
Lab ID: 19050728-017
Client Sample ID: GW-18S
Matrix: GROUNDWATER
Collection Date: 05/07/2019 13:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		ND	mg/L	1	05/14/2019 2:00	153198
Acenaphthylene	NELAP	0.000100		ND	mg/L	1	05/14/2019 2:00	153198
Anthracene	NELAP	0.000100		ND	mg/L	1	05/14/2019 2:00	153198
Benzo(a)anthracene	NELAP	0.000100		ND	mg/L	1	05/14/2019 2:00	153198
Benzo(a)pyrene	NELAP	0.000100		ND	mg/L	1	05/14/2019 2:00	153198
Benzo(b)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/14/2019 2:00	153198
Benzo(g,h,i)perylene	NELAP	0.000200		ND	mg/L	1	05/14/2019 2:00	153198
Benzo(k)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/14/2019 2:00	153198
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		0.00229	mg/L	1	05/14/2019 2:00	153198
Chrysene	NELAP	0.000100		ND	mg/L	1	05/14/2019 2:00	153198
Dibenzo(a,h)anthracene	NELAP	0.000100		ND	mg/L	1	05/14/2019 2:00	153198
Fluoranthene	NELAP	0.000200		ND	mg/L	1	05/14/2019 2:00	153198
Fluorene	NELAP	0.000100		ND	mg/L	1	05/14/2019 2:00	153198
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		ND	mg/L	1	05/14/2019 2:00	153198
Naphthalene	NELAP	0.000200		ND	mg/L	1	05/14/2019 2:00	153198
Phenanthrene	NELAP	0.000400		ND	mg/L	1	05/14/2019 2:00	153198
Pyrene	NELAP	0.000200		ND	mg/L	1	05/14/2019 2:00	153198
Surr: 2-Fluorobiphenyl	*	21.4-142		76.3	%REC	1	05/14/2019 2:00	153198
Surr: Nitrobenzene-d5	*	15-163		75.1	%REC	1	05/14/2019 2:00	153198
Surr: p-Terphenyl-d14	*	10-173		103.9	%REC	1	05/14/2019 2:00	153198
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		ND	µg/L	1	05/11/2019 4:36	153202
Bromoform	NELAP	2.00		ND	µg/L	1	05/11/2019 4:36	153202
Ethylbenzene	NELAP	1.00		ND	µg/L	1	05/11/2019 4:36	153202
m,p-Xylenes	NELAP	1.00		ND	µg/L	1	05/11/2019 4:36	153202
Methylene chloride	NELAP	2.00		ND	µg/L	1	05/11/2019 4:36	153202
Naphthalene	NELAP	2.00		ND	µg/L	1	05/11/2019 4:36	153202
o-Xylene	NELAP	1.00		ND	µg/L	1	05/11/2019 4:36	153202
Toluene	NELAP	2.00		ND	µg/L	1	05/11/2019 4:36	153202
trans-1,2-Dichloroethene	NELAP	2.00		ND	µg/L	1	05/11/2019 4:36	153202
Xylenes, Total	NELAP	2.00		ND	µg/L	1	05/11/2019 4:36	153202
Surr: 1,2-Dichloroethane-d4	*	79.6-118		99.6	%REC	1	05/11/2019 4:36	153202
Surr: 4-Bromofluorobenzene	*	83.9-115		103.6	%REC	1	05/11/2019 4:36	153202
Surr: Dibromofluoromethane	*	84.9-113		98.9	%REC	1	05/11/2019 4:36	153202
Surr: Toluene-d8	*	86.7-112		98.9	%REC	1	05/11/2019 4:36	153202

Client: ERM
Work Order: 19050728
Client Project: Ameren Taylorville 2nd Qtr 2019
Report Date: 16-May-2019
Lab ID: 19050728-018
Client Sample ID: GW-19D
Matrix: GROUNDWATER
Collection Date: 05/07/2019 14:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		ND	mg/L	1	05/14/2019 2:38	153198
Acenaphthylene	NELAP	0.000100		ND	mg/L	1	05/14/2019 2:38	153198
Anthracene	NELAP	0.000100		ND	mg/L	1	05/14/2019 2:38	153198
Benzo(a)anthracene	NELAP	0.000100		ND	mg/L	1	05/14/2019 2:38	153198
Benzo(a)pyrene	NELAP	0.000100		ND	mg/L	1	05/14/2019 2:38	153198
Benzo(b)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/14/2019 2:38	153198
Benzo(g,h,i)perylene	NELAP	0.000200		ND	mg/L	1	05/14/2019 2:38	153198
Benzo(k)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/14/2019 2:38	153198
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		0.00434	mg/L	1	05/14/2019 2:38	153198
Chrysene	NELAP	0.000100		ND	mg/L	1	05/14/2019 2:38	153198
Dibenzo(a,h)anthracene	NELAP	0.000100		ND	mg/L	1	05/14/2019 2:38	153198
Fluoranthene	NELAP	0.000200		ND	mg/L	1	05/14/2019 2:38	153198
Fluorene	NELAP	0.000100		ND	mg/L	1	05/14/2019 2:38	153198
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		ND	mg/L	1	05/14/2019 2:38	153198
Naphthalene	NELAP	0.000200		ND	mg/L	1	05/14/2019 2:38	153198
Phenanthrene	NELAP	0.000400		ND	mg/L	1	05/14/2019 2:38	153198
Pyrene	NELAP	0.000200		ND	mg/L	1	05/14/2019 2:38	153198
Surr: 2-Fluorobiphenyl	*	21.4-142		76.0	%REC	1	05/14/2019 2:38	153198
Surr: Nitrobenzene-d5	*	15-163		78.2	%REC	1	05/14/2019 2:38	153198
Surr: p-Terphenyl-d14	*	10-173		93.7	%REC	1	05/14/2019 2:38	153198
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		ND	µg/L	1	05/11/2019 5:03	153202
Bromoform	NELAP	2.00		ND	µg/L	1	05/11/2019 5:03	153202
Ethylbenzene	NELAP	1.00		ND	µg/L	1	05/11/2019 5:03	153202
m,p-Xylenes	NELAP	1.00		ND	µg/L	1	05/11/2019 5:03	153202
Methylene chloride	NELAP	2.00		ND	µg/L	1	05/11/2019 5:03	153202
Naphthalene	NELAP	2.00		ND	µg/L	1	05/11/2019 5:03	153202
o-Xylene	NELAP	1.00		ND	µg/L	1	05/11/2019 5:03	153202
Toluene	NELAP	2.00		ND	µg/L	1	05/11/2019 5:03	153202
trans-1,2-Dichloroethene	NELAP	2.00		ND	µg/L	1	05/11/2019 5:03	153202
Xylenes, Total	NELAP	2.00		ND	µg/L	1	05/11/2019 5:03	153202
Surr: 1,2-Dichloroethane-d4	*	79.6-118		100.8	%REC	1	05/11/2019 5:03	153202
Surr: 4-Bromofluorobenzene	*	83.9-115		103.5	%REC	1	05/11/2019 5:03	153202
Surr: Dibromofluoromethane	*	84.9-113		100.8	%REC	1	05/11/2019 5:03	153202
Surr: Toluene-d8	*	86.7-112		99.3	%REC	1	05/11/2019 5:03	153202

Client: ERM
Work Order: 19050728
Client Project: Ameren Taylorville 2nd Qtr 2019
Report Date: 16-May-2019
Lab ID: 19050728-019
Client Sample ID: GW-19S
Matrix: GROUNDWATER
Collection Date: 05/07/2019 15:05

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		ND	mg/L	1	05/14/2019 3:16	153198
Acenaphthylene	NELAP	0.000100		ND	mg/L	1	05/14/2019 3:16	153198
Anthracene	NELAP	0.000100		ND	mg/L	1	05/14/2019 3:16	153198
Benzo(a)anthracene	NELAP	0.000100		ND	mg/L	1	05/14/2019 3:16	153198
Benzo(a)pyrene	NELAP	0.000100		ND	mg/L	1	05/14/2019 3:16	153198
Benzo(b)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/14/2019 3:16	153198
Benzo(g,h,i)perylene	NELAP	0.000200		ND	mg/L	1	05/14/2019 3:16	153198
Benzo(k)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/14/2019 3:16	153198
Bis(2-ethylhexyl)phthalate	NELAP	0.00400		0.00632	mg/L	2	05/15/2019 4:23	153198
Chrysene	NELAP	0.000100		ND	mg/L	1	05/14/2019 3:16	153198
Dibenzo(a,h)anthracene	NELAP	0.000100		ND	mg/L	1	05/14/2019 3:16	153198
Fluoranthene	NELAP	0.000200		ND	mg/L	1	05/14/2019 3:16	153198
Fluorene	NELAP	0.000100		ND	mg/L	1	05/14/2019 3:16	153198
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		ND	mg/L	1	05/14/2019 3:16	153198
Naphthalene	NELAP	0.000200		ND	mg/L	1	05/14/2019 3:16	153198
Phenanthrene	NELAP	0.000400		ND	mg/L	1	05/14/2019 3:16	153198
Pyrene	NELAP	0.000200		ND	mg/L	1	05/14/2019 3:16	153198
Surr: 2-Fluorobiphenyl	*	21.4-142		80.3	%REC	1	05/14/2019 3:16	153198
Surr: Nitrobenzene-d5	*	15-163		82.3	%REC	1	05/14/2019 3:16	153198
Surr: p-Terphenyl-d14	*	10-173		112.5	%REC	1	05/14/2019 3:16	153198
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		ND	µg/L	1	05/11/2019 5:29	153202
Bromoform	NELAP	2.00		ND	µg/L	1	05/11/2019 5:29	153202
Ethylbenzene	NELAP	1.00		ND	µg/L	1	05/11/2019 5:29	153202
m,p-Xylenes	NELAP	1.00		ND	µg/L	1	05/11/2019 5:29	153202
Methylene chloride	NELAP	2.00		ND	µg/L	1	05/11/2019 5:29	153202
Naphthalene	NELAP	2.00		ND	µg/L	1	05/11/2019 5:29	153202
o-Xylene	NELAP	1.00		ND	µg/L	1	05/11/2019 5:29	153202
Toluene	NELAP	2.00		ND	µg/L	1	05/11/2019 5:29	153202
trans-1,2-Dichloroethene	NELAP	2.00		ND	µg/L	1	05/11/2019 5:29	153202
Xylenes, Total	NELAP	2.00		ND	µg/L	1	05/11/2019 5:29	153202
Surr: 1,2-Dichloroethane-d4	*	79.6-118		99.4	%REC	1	05/11/2019 5:29	153202
Surr: 4-Bromofluorobenzene	*	83.9-115		103.4	%REC	1	05/11/2019 5:29	153202
Surr: Dibromofluoromethane	*	84.9-113		98.9	%REC	1	05/11/2019 5:29	153202
Surr: Toluene-d8	*	86.7-112		100.6	%REC	1	05/11/2019 5:29	153202

Client: ERM
Work Order: 19050728
Client Project: Ameren Taylorville 2nd Qtr 2019
Report Date: 16-May-2019
Lab ID: 19050728-020
Client Sample ID: GW-16S
Matrix: GROUNDWATER
Collection Date: 05/07/2019 15:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		ND	mg/L	1	05/14/2019 15:06	153248
Acenaphthylene	NELAP	0.000100		ND	mg/L	1	05/14/2019 15:06	153248
Anthracene	NELAP	0.000100		ND	mg/L	1	05/14/2019 15:06	153248
Benzo(a)anthracene	NELAP	0.000100		ND	mg/L	1	05/14/2019 15:06	153248
Benzo(a)pyrene	NELAP	0.000100		ND	mg/L	1	05/14/2019 15:06	153248
Benzo(b)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/14/2019 15:06	153248
Benzo(g,h,i)perylene	NELAP	0.000200		ND	mg/L	1	05/14/2019 15:06	153248
Benzo(k)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/14/2019 15:06	153248
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		0.00353	mg/L	1	05/14/2019 15:06	153248
Chrysene	NELAP	0.000100		ND	mg/L	1	05/14/2019 15:06	153248
Dibenzo(a,h)anthracene	NELAP	0.000100		ND	mg/L	1	05/14/2019 15:06	153248
Fluoranthene	NELAP	0.000200		ND	mg/L	1	05/14/2019 15:06	153248
Fluorene	NELAP	0.000100		ND	mg/L	1	05/14/2019 15:06	153248
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		ND	mg/L	1	05/14/2019 15:06	153248
Naphthalene	NELAP	0.000200		ND	mg/L	1	05/14/2019 15:06	153248
Phenanthrene	NELAP	0.000400		ND	mg/L	1	05/14/2019 15:06	153248
Pyrene	NELAP	0.000200		ND	mg/L	1	05/14/2019 15:06	153248
Surr: 2-Fluorobiphenyl	*	21.4-142		67.9	%REC	1	05/14/2019 15:06	153248
Surr: Nitrobenzene-d5	*	15-163		72.5	%REC	1	05/14/2019 15:06	153248
Surr: p-Terphenyl-d14	*	10-173		96.5	%REC	1	05/14/2019 15:06	153248
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		ND	µg/L	1	05/13/2019 23:51	153260
Bromoform	NELAP	2.00		ND	µg/L	1	05/13/2019 23:51	153260
Ethylbenzene	NELAP	1.00		ND	µg/L	1	05/13/2019 23:51	153260
m,p-Xylenes	NELAP	1.00		ND	µg/L	1	05/13/2019 23:51	153260
Methylene chloride	NELAP	2.00		ND	µg/L	1	05/13/2019 23:51	153260
Naphthalene	NELAP	2.00	B	ND	µg/L	1	05/13/2019 23:51	153260
o-Xylene	NELAP	1.00		ND	µg/L	1	05/13/2019 23:51	153260
Toluene	NELAP	2.00		ND	µg/L	1	05/13/2019 23:51	153260
trans-1,2-Dichloroethene	NELAP	2.00		ND	µg/L	1	05/13/2019 23:51	153260
Xylenes, Total	NELAP	2.00		ND	µg/L	1	05/13/2019 23:51	153260
Surr: 1,2-Dichloroethane-d4	*	79.6-118		100.0	%REC	1	05/13/2019 23:51	153260
Surr: 4-Bromofluorobenzene	*	83.9-115		103.5	%REC	1	05/13/2019 23:51	153260
Surr: Dibromofluoromethane	*	84.9-113		99.8	%REC	1	05/13/2019 23:51	153260
Surr: Toluene-d8	*	86.7-112		97.0	%REC	1	05/13/2019 23:51	153260

Naphthalene was detected in the MBLK at a level between the MDL and the RL. Sample result is less than the RL. Data is reportable.

Client: ERM
Work Order: 19050728
Client Project: Ameren Taylorville 2nd Qtr 2019
Report Date: 16-May-2019
Lab ID: 19050728-021
Client Sample ID: GW-16D
Matrix: GROUNDWATER
Collection Date: 05/07/2019 16:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		ND	mg/L	1	05/14/2019 4:32	153198
Acenaphthylene	NELAP	0.000100		ND	mg/L	1	05/14/2019 4:32	153198
Anthracene	NELAP	0.000100		ND	mg/L	1	05/14/2019 4:32	153198
Benzo(a)anthracene	NELAP	0.000100		ND	mg/L	1	05/14/2019 4:32	153198
Benzo(a)pyrene	NELAP	0.000100		ND	mg/L	1	05/14/2019 4:32	153198
Benzo(b)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/14/2019 4:32	153198
Benzo(g,h,i)perylene	NELAP	0.000200		ND	mg/L	1	05/14/2019 4:32	153198
Benzo(k)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/14/2019 4:32	153198
Bis(2-ethylhexyl)phthalate	NELAP	0.0100	S	ND	mg/L	5	05/15/2019 1:51	153198
Chrysene	NELAP	0.000100		ND	mg/L	1	05/14/2019 4:32	153198
Dibenzo(a,h)anthracene	NELAP	0.000100		ND	mg/L	1	05/14/2019 4:32	153198
Fluoranthene	NELAP	0.000200		ND	mg/L	1	05/14/2019 4:32	153198
Fluorene	NELAP	0.000100		ND	mg/L	1	05/14/2019 4:32	153198
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		ND	mg/L	1	05/14/2019 4:32	153198
Naphthalene	NELAP	0.000200		ND	mg/L	1	05/14/2019 4:32	153198
Phenanthrene	NELAP	0.000400		ND	mg/L	1	05/14/2019 4:32	153198
Pyrene	NELAP	0.000200		ND	mg/L	1	05/14/2019 4:32	153198
Surr: 2-Fluorobiphenyl	*	21.4-142		74.7	%REC	1	05/14/2019 4:32	153198
Surr: Nitrobenzene-d5	*	15-163		80.7	%REC	1	05/14/2019 4:32	153198
Surr: p-Terphenyl-d14	*	10-173		119.0	%REC	1	05/14/2019 4:32	153198
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		0.71	µg/L	1	05/13/2019 16:01	153218
Bromoform	NELAP	2.00		ND	µg/L	1	05/13/2019 16:01	153218
Ethylbenzene	NELAP	1.00		ND	µg/L	1	05/13/2019 16:01	153218
m,p-Xylenes	NELAP	1.0	J	0.20	µg/L	1	05/13/2019 16:01	153218
Methylene chloride	NELAP	2.00		ND	µg/L	1	05/13/2019 16:01	153218
Naphthalene	NELAP	2.0	J	0.48	µg/L	1	05/13/2019 16:01	153218
o-Xylene	NELAP	1.00		ND	µg/L	1	05/13/2019 16:01	153218
Toluene	NELAP	2.0	J	0.12	µg/L	1	05/13/2019 16:01	153218
trans-1,2-Dichloroethene	NELAP	2.0	J	0.13	µg/L	1	05/13/2019 16:01	153218
Xylenes, Total	NELAP	2.00		ND	µg/L	1	05/13/2019 16:01	153218
Surr: 1,2-Dichloroethane-d4	*	79.6-118		98.3	%REC	1	05/13/2019 16:01	153218
Surr: 4-Bromofluorobenzene	*	83.9-115		103.4	%REC	1	05/13/2019 16:01	153218
Surr: Dibromofluoromethane	*	84.9-113		98.8	%REC	1	05/13/2019 16:01	153218
Surr: Toluene-d8	*	86.7-112		99.8	%REC	1	05/13/2019 16:01	153218

Client: ERM
Work Order: 19050728
Client Project: Ameren Taylorville 2nd Qtr 2019
Report Date: 16-May-2019
Lab ID: 19050728-022
Client Sample ID: GW-16D DUP
Matrix: GROUNDWATER
Collection Date: 05/07/2019 16:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		ND	mg/L	1	05/14/2019 15:44	153248
Acenaphthylene	NELAP	0.000100		ND	mg/L	1	05/14/2019 15:44	153248
Anthracene	NELAP	0.000100		ND	mg/L	1	05/14/2019 15:44	153248
Benzo(a)anthracene	NELAP	0.000100		ND	mg/L	1	05/14/2019 15:44	153248
Benzo(a)pyrene	NELAP	0.000100		ND	mg/L	1	05/14/2019 15:44	153248
Benzo(b)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/14/2019 15:44	153248
Benzo(g,h,i)perylene	NELAP	0.000200		ND	mg/L	1	05/14/2019 15:44	153248
Benzo(k)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/14/2019 15:44	153248
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		0.00421	mg/L	1	05/14/2019 15:44	153248
Chrysene	NELAP	0.000100		ND	mg/L	1	05/14/2019 15:44	153248
Dibenzo(a,h)anthracene	NELAP	0.000100		ND	mg/L	1	05/14/2019 15:44	153248
Fluoranthene	NELAP	0.000200		ND	mg/L	1	05/14/2019 15:44	153248
Fluorene	NELAP	0.000100		ND	mg/L	1	05/14/2019 15:44	153248
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		ND	mg/L	1	05/14/2019 15:44	153248
Naphthalene	NELAP	0.000200		ND	mg/L	1	05/14/2019 15:44	153248
Phenanthrene	NELAP	0.000400		ND	mg/L	1	05/14/2019 15:44	153248
Pyrene	NELAP	0.000200		ND	mg/L	1	05/14/2019 15:44	153248
Surr: 2-Fluorobiphenyl	*	21.4-142		60.9	%REC	1	05/14/2019 15:44	153248
Surr: Nitrobenzene-d5	*	15-163		69.9	%REC	1	05/14/2019 15:44	153248
Surr: p-Terphenyl-d14	*	10-173		93.2	%REC	1	05/14/2019 15:44	153248
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		0.77	µg/L	1	05/14/2019 0:17	153260
Bromoform	NELAP	2.00		ND	µg/L	1	05/14/2019 0:17	153260
Ethylbenzene	NELAP	1.00		ND	µg/L	1	05/14/2019 0:17	153260
m,p-Xylenes	NELAP	1.00		ND	µg/L	1	05/14/2019 0:17	153260
Methylene chloride	NELAP	2.00		ND	µg/L	1	05/14/2019 0:17	153260
Naphthalene	NELAP	2.00	B	ND	µg/L	1	05/14/2019 0:17	153260
o-Xylene	NELAP	1.00		ND	µg/L	1	05/14/2019 0:17	153260
Toluene	NELAP	2.00		ND	µg/L	1	05/14/2019 0:17	153260
trans-1,2-Dichloroethene	NELAP	2.00		ND	µg/L	1	05/14/2019 0:17	153260
Xylenes, Total	NELAP	2.00		ND	µg/L	1	05/14/2019 0:17	153260
Surr: 1,2-Dichloroethane-d4	*	79.6-118		100.4	%REC	1	05/14/2019 0:17	153260
Surr: 4-Bromofluorobenzene	*	83.9-115		100.6	%REC	1	05/14/2019 0:17	153260
Surr: Dibromofluoromethane	*	84.9-113		101.5	%REC	1	05/14/2019 0:17	153260
Surr: Toluene-d8	*	86.7-112		99.6	%REC	1	05/14/2019 0:17	153260

Naphthalene was detected in the MBLK at a level between the MDL and the RL. Sample result is less than the RL. Data is reportable.

Client: ERM
Work Order: 19050728
Client Project: Ameren Taylorville 2nd Qtr 2019
Report Date: 16-May-2019
Lab ID: 19050728-023
Client Sample ID: GW-17
Matrix: GROUNDWATER
Collection Date: 05/07/2019 17:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		ND	mg/L	1	05/14/2019 16:22	153248
Acenaphthylene	NELAP	0.000100		ND	mg/L	1	05/14/2019 16:22	153248
Anthracene	NELAP	0.000100		ND	mg/L	1	05/14/2019 16:22	153248
Benzo(a)anthracene	NELAP	0.000100		ND	mg/L	1	05/14/2019 16:22	153248
Benzo(a)pyrene	NELAP	0.000100		ND	mg/L	1	05/14/2019 16:22	153248
Benzo(b)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/14/2019 16:22	153248
Benzo(g,h,i)perylene	NELAP	0.000200		ND	mg/L	1	05/14/2019 16:22	153248
Benzo(k)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/14/2019 16:22	153248
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		ND	mg/L	1	05/14/2019 16:22	153248
Chrysene	NELAP	0.000100		ND	mg/L	1	05/14/2019 16:22	153248
Dibenzo(a,h)anthracene	NELAP	0.000100		ND	mg/L	1	05/14/2019 16:22	153248
Fluoranthene	NELAP	0.000200		ND	mg/L	1	05/14/2019 16:22	153248
Fluorene	NELAP	0.000100		ND	mg/L	1	05/14/2019 16:22	153248
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		ND	mg/L	1	05/14/2019 16:22	153248
Naphthalene	NELAP	0.000200		ND	mg/L	1	05/14/2019 16:22	153248
Phenanthrene	NELAP	0.000400		ND	mg/L	1	05/14/2019 16:22	153248
Pyrene	NELAP	0.000200		ND	mg/L	1	05/14/2019 16:22	153248
Surr: 2-Fluorobiphenyl	*	21.4-142		46.4	%REC	1	05/14/2019 16:22	153248
Surr: Nitrobenzene-d5	*	15-163		52.9	%REC	1	05/14/2019 16:22	153248
Surr: p-Terphenyl-d14	*	10-173		85.0	%REC	1	05/14/2019 16:22	153248
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		ND	µg/L	1	05/14/2019 0:43	153260
Bromoform	NELAP	2.00		ND	µg/L	1	05/14/2019 0:43	153260
Ethylbenzene	NELAP	1.00		ND	µg/L	1	05/14/2019 0:43	153260
m,p-Xylenes	NELAP	1.00		ND	µg/L	1	05/14/2019 0:43	153260
Methylene chloride	NELAP	2.00		ND	µg/L	1	05/14/2019 0:43	153260
Naphthalene	NELAP	2.00	B	ND	µg/L	1	05/14/2019 0:43	153260
o-Xylene	NELAP	1.00		ND	µg/L	1	05/14/2019 0:43	153260
Toluene	NELAP	2.00		ND	µg/L	1	05/14/2019 0:43	153260
trans-1,2-Dichloroethene	NELAP	2.00		ND	µg/L	1	05/14/2019 0:43	153260
Xylenes, Total	NELAP	2.00		ND	µg/L	1	05/14/2019 0:43	153260
Surr: 1,2-Dichloroethane-d4	*	79.6-118		101.7	%REC	1	05/14/2019 0:43	153260
Surr: 4-Bromofluorobenzene	*	83.9-115		104.5	%REC	1	05/14/2019 0:43	153260
Surr: Dibromofluoromethane	*	84.9-113		100.1	%REC	1	05/14/2019 0:43	153260
Surr: Toluene-d8	*	86.7-112		99.6	%REC	1	05/14/2019 0:43	153260

Naphthalene was detected in the MBLK at a level between the MDL and the RL. Sample result is less than the RL. Data is reportable.

Client: ERM
Work Order: 19050728
Client Project: Ameren Taylorville 2nd Qtr 2019
Report Date: 16-May-2019
Lab ID: 19050728-024
Client Sample ID: GW-14
Matrix: GROUNDWATER
Collection Date: 05/08/2019 9:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		ND	mg/L	1	05/14/2019 17:00	153248
Acenaphthylene	NELAP	0.000100		ND	mg/L	1	05/14/2019 17:00	153248
Anthracene	NELAP	0.000100		ND	mg/L	1	05/14/2019 17:00	153248
Benzo(a)anthracene	NELAP	0.000100		ND	mg/L	1	05/14/2019 17:00	153248
Benzo(a)pyrene	NELAP	0.000100		ND	mg/L	1	05/14/2019 17:00	153248
Benzo(b)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/14/2019 17:00	153248
Benzo(g,h,i)perylene	NELAP	0.000200		ND	mg/L	1	05/14/2019 17:00	153248
Benzo(k)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/14/2019 17:00	153248
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		ND	mg/L	1	05/14/2019 17:00	153248
Chrysene	NELAP	0.000100		ND	mg/L	1	05/14/2019 17:00	153248
Dibenzo(a,h)anthracene	NELAP	0.000100		ND	mg/L	1	05/14/2019 17:00	153248
Fluoranthene	NELAP	0.000200		ND	mg/L	1	05/14/2019 17:00	153248
Fluorene	NELAP	0.000100		ND	mg/L	1	05/14/2019 17:00	153248
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		ND	mg/L	1	05/14/2019 17:00	153248
Naphthalene	NELAP	0.000200		ND	mg/L	1	05/14/2019 17:00	153248
Phenanthrene	NELAP	0.000400		ND	mg/L	1	05/14/2019 17:00	153248
Pyrene	NELAP	0.000200		ND	mg/L	1	05/14/2019 17:00	153248
Surr: 2-Fluorobiphenyl	*	21.4-142		65.1	%REC	1	05/14/2019 17:00	153248
Surr: Nitrobenzene-d5	*	15-163		73.2	%REC	1	05/14/2019 17:00	153248
Surr: p-Terphenyl-d14	*	10-173		94.3	%REC	1	05/14/2019 17:00	153248
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		ND	µg/L	1	05/14/2019 1:09	153260
Bromoform	NELAP	2.00		ND	µg/L	1	05/14/2019 1:09	153260
Ethylbenzene	NELAP	1.00		ND	µg/L	1	05/14/2019 1:09	153260
m,p-Xylenes	NELAP	1.00		ND	µg/L	1	05/14/2019 1:09	153260
Methylene chloride	NELAP	2.00		ND	µg/L	1	05/14/2019 1:09	153260
Naphthalene	NELAP	2.00	B	ND	µg/L	1	05/14/2019 1:09	153260
o-Xylene	NELAP	1.00		ND	µg/L	1	05/14/2019 1:09	153260
Toluene	NELAP	2.00		ND	µg/L	1	05/14/2019 1:09	153260
trans-1,2-Dichloroethene	NELAP	2.00		ND	µg/L	1	05/14/2019 1:09	153260
Xylenes, Total	NELAP	2.00		ND	µg/L	1	05/14/2019 1:09	153260
Surr: 1,2-Dichloroethane-d4	*	79.6-118		101.0	%REC	1	05/14/2019 1:09	153260
Surr: 4-Bromofluorobenzene	*	83.9-115		103.7	%REC	1	05/14/2019 1:09	153260
Surr: Dibromofluoromethane	*	84.9-113		100.9	%REC	1	05/14/2019 1:09	153260
Surr: Toluene-d8	*	86.7-112		96.9	%REC	1	05/14/2019 1:09	153260

Naphthalene was detected in the MBLK at a level between the MDL and the RL. Sample result is less than the RL. Data is reportable.

Client: ERM
Work Order: 19050728
Client Project: Ameren Taylorville 2nd Qtr 2019
Report Date: 16-May-2019
Lab ID: 19050728-025
Client Sample ID: GW-7
Matrix: GROUNDWATER
Collection Date: 05/08/2019 10:00

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	05/14/2019 17:38	153248
Acenaphthylene	NELAP	0.000100		**0.000253**	mg/L	1	05/14/2019 17:38	153248
Anthracene	NELAP	0.000100		**0.00186**	mg/L	1	05/14/2019 17:38	153248
Benzo(a)anthracene	NELAP	0.000100		**0.000225**	mg/L	1	05/14/2019 17:38	153248
Benzo(a)pyrene	NELAP	0.000100		**ND**	mg/L	1	05/14/2019 17:38	153248
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/14/2019 17:38	153248
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	05/14/2019 17:38	153248
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/14/2019 17:38	153248
Bis(2-ethylhexyl)phthalate	NELAP	0.0020	J	**0.0019**	mg/L	1	05/14/2019 17:38	153248
Chrysene	NELAP	0.000100		**0.000145**	mg/L	1	05/14/2019 17:38	153248
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	05/14/2019 17:38	153248
Fluoranthene	NELAP	0.000200		**0.00214**	mg/L	1	05/14/2019 17:38	153248
Fluorene	NELAP	0.000100		**0.000457**	mg/L	1	05/14/2019 17:38	153248
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**ND**	mg/L	1	05/14/2019 17:38	153248
Naphthalene	NELAP	0.000200		**ND**	mg/L	1	05/14/2019 17:38	153248
Phenanthrene	NELAP	0.000400		**ND**	mg/L	1	05/14/2019 17:38	153248
Pyrene	NELAP	0.000200		**0.00312**	mg/L	1	05/14/2019 17:38	153248
Surr: 2-Fluorobiphenyl	*	21.4-142		**65.4**	%REC	1	05/14/2019 17:38	153248
Surr: Nitrobenzene-d5	*	15-163		**73.6**	%REC	1	05/14/2019 17:38	153248
Surr: p-Terphenyl-d14	*	10-173		**95.6**	%REC	1	05/14/2019 17:38	153248
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	05/14/2019 1:36	153260
Bromoform	NELAP	2.00		**ND**	µg/L	1	05/14/2019 1:36	153260
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	05/14/2019 1:36	153260
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	05/14/2019 1:36	153260
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	05/14/2019 1:36	153260
Naphthalene	NELAP	2.00	B	**ND**	µg/L	1	05/14/2019 1:36	153260
o-Xylene	NELAP	1.00		**ND**	µg/L	1	05/14/2019 1:36	153260
Toluene	NELAP	2.00		**ND**	µg/L	1	05/14/2019 1:36	153260
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	05/14/2019 1:36	153260
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	05/14/2019 1:36	153260
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**98.4**	%REC	1	05/14/2019 1:36	153260
Surr: 4-Bromofluorobenzene	*	83.9-115		**100.7**	%REC	1	05/14/2019 1:36	153260
Surr: Dibromofluoromethane	*	84.9-113		**100.0**	%REC	1	05/14/2019 1:36	153260
Surr: Toluene-d8	*	86.7-112		**98.5**	%REC	1	05/14/2019 1:36	153260

Naphthalene was detected in the MBLK at a level between the MDL and the RL. Sample result is less than the RL. Data is reportable.

Client: ERM
Work Order: 19050728
Client Project: Ameren Taylorville 2nd Qtr 2019
Report Date: 16-May-2019
Lab ID: 19050728-026
Client Sample ID: GW-15
Matrix: GROUNDWATER
Collection Date: 05/08/2019 11:05

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		ND	mg/L	1	05/14/2019 18:16	153248
Acenaphthylene	NELAP	0.000100		ND	mg/L	1	05/14/2019 18:16	153248
Anthracene	NELAP	0.000100		ND	mg/L	1	05/14/2019 18:16	153248
Benzo(a)anthracene	NELAP	0.000100		ND	mg/L	1	05/14/2019 18:16	153248
Benzo(a)pyrene	NELAP	0.000100		ND	mg/L	1	05/14/2019 18:16	153248
Benzo(b)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/14/2019 18:16	153248
Benzo(g,h,i)perylene	NELAP	0.000200		ND	mg/L	1	05/14/2019 18:16	153248
Benzo(k)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/14/2019 18:16	153248
Bis(2-ethylhexyl)phthalate	NELAP	0.0100		0.0140	mg/L	5	05/15/2019 11:39	153248
Chrysene	NELAP	0.000100		ND	mg/L	1	05/14/2019 18:16	153248
Dibenzo(a,h)anthracene	NELAP	0.000100		ND	mg/L	1	05/14/2019 18:16	153248
Fluoranthene	NELAP	0.000200		ND	mg/L	1	05/14/2019 18:16	153248
Fluorene	NELAP	0.000100		ND	mg/L	1	05/14/2019 18:16	153248
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		ND	mg/L	1	05/14/2019 18:16	153248
Naphthalene	NELAP	0.000200		ND	mg/L	1	05/14/2019 18:16	153248
Phenanthrene	NELAP	0.000400		ND	mg/L	1	05/14/2019 18:16	153248
Pyrene	NELAP	0.000200		ND	mg/L	1	05/14/2019 18:16	153248
Surr: 2-Fluorobiphenyl	*	21.4-142		70.7	%REC	1	05/14/2019 18:16	153248
Surr: Nitrobenzene-d5	*	15-163		73.6	%REC	1	05/14/2019 18:16	153248
Surr: p-Terphenyl-d14	*	10-173		81.0	%REC	1	05/14/2019 18:16	153248
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		ND	µg/L	1	05/13/2019 17:45	153218
Bromoform	NELAP	2.00		ND	µg/L	1	05/13/2019 17:45	153218
Ethylbenzene	NELAP	1.00		ND	µg/L	1	05/13/2019 17:45	153218
m,p-Xylenes	NELAP	1.00		ND	µg/L	1	05/13/2019 17:45	153218
Methylene chloride	NELAP	2.00		ND	µg/L	1	05/13/2019 17:45	153218
Naphthalene	NELAP	2.00		ND	µg/L	1	05/13/2019 17:45	153218
o-Xylene	NELAP	1.00		ND	µg/L	1	05/13/2019 17:45	153218
Toluene	NELAP	2.00		ND	µg/L	1	05/13/2019 17:45	153218
trans-1,2-Dichloroethene	NELAP	2.00		ND	µg/L	1	05/13/2019 17:45	153218
Xylenes, Total	NELAP	2.00		ND	µg/L	1	05/13/2019 17:45	153218
Surr: 1,2-Dichloroethane-d4	*	79.6-118		99.4	%REC	1	05/13/2019 17:45	153218
Surr: 4-Bromofluorobenzene	*	83.9-115		103.7	%REC	1	05/13/2019 17:45	153218
Surr: Dibromofluoromethane	*	84.9-113		99.8	%REC	1	05/13/2019 17:45	153218
Surr: Toluene-d8	*	86.7-112		99.9	%REC	1	05/13/2019 17:45	153218

Client: ERM
Work Order: 19050728
Client Project: Ameren Taylorville 2nd Qtr 2019
Report Date: 16-May-2019
Lab ID: 19050728-027
Client Sample ID: GW-4R
Matrix: GROUNDWATER
Collection Date: 05/08/2019 11:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.00250		**0.0165**	mg/L	25	05/15/2019 14:54	153248
Acenaphthylene	NELAP	0.00250		**0.00597**	mg/L	25	05/15/2019 14:54	153248
Anthracene	NELAP	0.000100		**0.000475**	mg/L	1	05/14/2019 18:54	153248
Benzo(a)anthracene	NELAP	0.000100		**0.000108**	mg/L	1	05/14/2019 18:54	153248
Benzo(a)pyrene	NELAP	0.000100		**ND**	mg/L	1	05/14/2019 18:54	153248
Benzo(b)fluoranthene	NELAP	0.00010	J	**0.000087**	mg/L	1	05/14/2019 18:54	153248
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	05/14/2019 18:54	153248
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/14/2019 18:54	153248
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		**ND**	mg/L	1	05/14/2019 18:54	153248
Chrysene	NELAP	0.000100		**0.000317**	mg/L	1	05/14/2019 18:54	153248
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	05/14/2019 18:54	153248
Fluoranthene	NELAP	0.000200		**0.00283**	mg/L	1	05/14/2019 18:54	153248
Fluorene	NELAP	0.00250		**0.0519**	mg/L	25	05/15/2019 14:54	153248
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**ND**	mg/L	1	05/14/2019 18:54	153248
Naphthalene	NELAP	0.200		**1.14**	mg/L	1000	05/15/2019 14:14	153248
Phenanthrene	NELAP	0.0100		**0.0406**	mg/L	25	05/15/2019 14:54	153248
Pyrene	NELAP	0.000200		**0.00128**	mg/L	1	05/14/2019 18:54	153248
Surr: 2-Fluorobiphenyl	*	21.4-142		**80.3**	%REC	1	05/14/2019 18:54	153248
Surr: Nitrobenzene-d5	*	15-163		**109.9**	%REC	1	05/14/2019 18:54	153248
Surr: p-Terphenyl-d14	*	10-173		**100.3**	%REC	1	05/14/2019 18:54	153248
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	25.0		**753**	µg/L	50	05/14/2019 14:57	153295
Bromoform	NELAP	2.00		**ND**	µg/L	1	05/13/2019 18:12	153218
Ethylbenzene	NELAP	50.0		**203**	µg/L	50	05/14/2019 14:57	153295
m,p-Xylenes	NELAP	1.00		**247**	µg/L	1	05/13/2019 18:12	153218
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	05/13/2019 18:12	153218
Naphthalene	NELAP	100		**4190**	µg/L	50	05/14/2019 14:57	153295
o-Xylene	NELAP	1.00		**167**	µg/L	1	05/13/2019 18:12	153218
Toluene	NELAP	100		**537**	µg/L	50	05/14/2019 14:57	153295
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	05/13/2019 18:12	153218
Xylenes, Total	NELAP	2.00		**414**	µg/L	1	05/13/2019 18:12	153218
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**105.0**	%REC	1	05/13/2019 18:12	153218
Surr: 4-Bromofluorobenzene	*	83.9-115		**99.8**	%REC	1	05/13/2019 18:12	153218
Surr: Dibromofluoromethane	*	84.9-113		**98.2**	%REC	1	05/13/2019 18:12	153218
Surr: Toluene-d8	*	86.7-112		**99.5**	%REC	1	05/13/2019 18:12	153218

Client: ERM
Work Order: 19050728
Client Project: Ameren Taylorville 2nd Qtr 2019
Report Date: 16-May-2019
Lab ID: 19050728-028
Client Sample ID: GW-22D
Matrix: GROUNDWATER
Collection Date: 05/08/2019 13:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		ND	mg/L	1	05/14/2019 19:31	153248
Acenaphthylene	NELAP	0.000100		ND	mg/L	1	05/14/2019 19:31	153248
Anthracene	NELAP	0.000100		ND	mg/L	1	05/14/2019 19:31	153248
Benzo(a)anthracene	NELAP	0.000100		ND	mg/L	1	05/14/2019 19:31	153248
Benzo(a)pyrene	NELAP	0.000100		ND	mg/L	1	05/14/2019 19:31	153248
Benzo(b)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/14/2019 19:31	153248
Benzo(g,h,i)perylene	NELAP	0.000200		ND	mg/L	1	05/14/2019 19:31	153248
Benzo(k)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/14/2019 19:31	153248
Bis(2-ethylhexyl)phthalate	NELAP	0.0100		0.0111	mg/L	5	05/15/2019 12:18	153248
Chrysene	NELAP	0.000100		ND	mg/L	1	05/14/2019 19:31	153248
Dibenzo(a,h)anthracene	NELAP	0.000100		ND	mg/L	1	05/14/2019 19:31	153248
Fluoranthene	NELAP	0.000200		ND	mg/L	1	05/14/2019 19:31	153248
Fluorene	NELAP	0.000100		ND	mg/L	1	05/14/2019 19:31	153248
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		ND	mg/L	1	05/14/2019 19:31	153248
Naphthalene	NELAP	0.000200		0.00126	mg/L	1	05/14/2019 19:31	153248
Phenanthrene	NELAP	0.000400		ND	mg/L	1	05/14/2019 19:31	153248
Pyrene	NELAP	0.000200		ND	mg/L	1	05/14/2019 19:31	153248
Surr: 2-Fluorobiphenyl	*	21.4-142		72.5	%REC	1	05/14/2019 19:31	153248
Surr: Nitrobenzene-d5	*	15-163		75.2	%REC	1	05/14/2019 19:31	153248
Surr: p-Terphenyl-d14	*	10-173		107.2	%REC	1	05/14/2019 19:31	153248
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		ND	µg/L	1	05/14/2019 15:22	153295
Bromoform	NELAP	2.00		ND	µg/L	1	05/14/2019 15:22	153295
Ethylbenzene	NELAP	1.00		ND	µg/L	1	05/14/2019 15:22	153295
m,p-Xylenes	NELAP	1.00		ND	µg/L	1	05/14/2019 15:22	153295
Methylene chloride	NELAP	2.00		ND	µg/L	1	05/14/2019 15:22	153295
Naphthalene	NELAP	2.00		2.86	µg/L	1	05/14/2019 15:22	153295
o-Xylene	NELAP	1.00		ND	µg/L	1	05/14/2019 15:22	153295
Toluene	NELAP	2.00		ND	µg/L	1	05/14/2019 15:22	153295
trans-1,2-Dichloroethene	NELAP	2.00		ND	µg/L	1	05/14/2019 15:22	153295
Xylenes, Total	NELAP	2.00		ND	µg/L	1	05/14/2019 15:22	153295
Surr: 1,2-Dichloroethane-d4	*	79.6-118		99.8	%REC	1	05/14/2019 15:22	153295
Surr: 4-Bromofluorobenzene	*	83.9-115		101.9	%REC	1	05/14/2019 15:22	153295
Surr: Dibromofluoromethane	*	84.9-113		97.6	%REC	1	05/14/2019 15:22	153295
Surr: Toluene-d8	*	86.7-112		98.6	%REC	1	05/14/2019 15:22	153295

Client: ERM
Work Order: 19050728
Client Project: Ameren Taylorville 2nd Qtr 2019
Report Date: 16-May-2019
Lab ID: 19050728-029
Client Sample ID: GW-22S
Matrix: GROUNDWATER
Collection Date: 05/08/2019 13:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		ND	mg/L	1	05/14/2019 20:09	153248
Acenaphthylene	NELAP	0.000100		ND	mg/L	1	05/14/2019 20:09	153248
Anthracene	NELAP	0.000100		ND	mg/L	1	05/14/2019 20:09	153248
Benzo(a)anthracene	NELAP	0.000100		ND	mg/L	1	05/14/2019 20:09	153248
Benzo(a)pyrene	NELAP	0.000100		ND	mg/L	1	05/14/2019 20:09	153248
Benzo(b)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/14/2019 20:09	153248
Benzo(g,h,i)perylene	NELAP	0.000200		ND	mg/L	1	05/14/2019 20:09	153248
Benzo(k)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/14/2019 20:09	153248
Bis(2-ethylhexyl)phthalate	NELAP	0.00200		0.00455	mg/L	1	05/14/2019 20:09	153248
Chrysene	NELAP	0.000100		ND	mg/L	1	05/14/2019 20:09	153248
Dibenzo(a,h)anthracene	NELAP	0.000100		ND	mg/L	1	05/14/2019 20:09	153248
Fluoranthene	NELAP	0.000200		ND	mg/L	1	05/14/2019 20:09	153248
Fluorene	NELAP	0.000100		ND	mg/L	1	05/14/2019 20:09	153248
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		ND	mg/L	1	05/14/2019 20:09	153248
Naphthalene	NELAP	0.000200		0.000203	mg/L	1	05/14/2019 20:09	153248
Phenanthrene	NELAP	0.000400		ND	mg/L	1	05/14/2019 20:09	153248
Pyrene	NELAP	0.000200		ND	mg/L	1	05/14/2019 20:09	153248
Surr: 2-Fluorobiphenyl	*	21.4-142		70.9	%REC	1	05/14/2019 20:09	153248
Surr: Nitrobenzene-d5	*	15-163		74.2	%REC	1	05/14/2019 20:09	153248
Surr: p-Terphenyl-d14	*	10-173		103.3	%REC	1	05/14/2019 20:09	153248
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		ND	µg/L	1	05/13/2019 19:04	153218
Bromoform	NELAP	2.00		ND	µg/L	1	05/13/2019 19:04	153218
Ethylbenzene	NELAP	1.00		ND	µg/L	1	05/13/2019 19:04	153218
m,p-Xylenes	NELAP	1.00		ND	µg/L	1	05/13/2019 19:04	153218
Methylene chloride	NELAP	2.00		ND	µg/L	1	05/13/2019 19:04	153218
Naphthalene	NELAP	2.0	J	0.50	µg/L	1	05/14/2019 15:48	153295
o-Xylene	NELAP	1.00		ND	µg/L	1	05/13/2019 19:04	153218
Toluene	NELAP	2.00		ND	µg/L	1	05/13/2019 19:04	153218
trans-1,2-Dichloroethene	NELAP	2.00		ND	µg/L	1	05/13/2019 19:04	153218
Xylenes, Total	NELAP	2.00		ND	µg/L	1	05/13/2019 19:04	153218
Surr: 1,2-Dichloroethane-d4	*	79.6-118		99.6	%REC	1	05/13/2019 19:04	153218
Surr: 4-Bromofluorobenzene	*	83.9-115		106.6	%REC	1	05/13/2019 19:04	153218
Surr: Dibromofluoromethane	*	84.9-113		101.0	%REC	1	05/13/2019 19:04	153218
Surr: Toluene-d8	*	86.7-112		99.4	%REC	1	05/13/2019 19:04	153218

Client: ERM
Work Order: 19050728
Client Project: Ameren Taylorville 2nd Qtr 2019
Report Date: 16-May-2019
Lab ID: 19050728-030
Client Sample ID: GW-3
Matrix: GROUNDWATER
Collection Date: 05/08/2019 13:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		**0.000624**	mg/L	1	05/14/2019 22:41	153248
Acenaphthylene	NELAP	0.000100		**0.00247**	mg/L	1	05/14/2019 22:41	153248
Anthracene	NELAP	0.000100		**ND**	mg/L	1	05/14/2019 22:41	153248
Benzo(a)anthracene	NELAP	0.000100		**ND**	mg/L	1	05/14/2019 22:41	153248
Benzo(a)pyrene	NELAP	0.000100		**ND**	mg/L	1	05/14/2019 22:41	153248
Benzo(b)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/14/2019 22:41	153248
Benzo(g,h,i)perylene	NELAP	0.000200		**ND**	mg/L	1	05/14/2019 22:41	153248
Benzo(k)fluoranthene	NELAP	0.000100		**ND**	mg/L	1	05/14/2019 22:41	153248
Bis(2-ethylhexyl)phthalate	NELAP	0.00400		**0.00655**	mg/L	2	05/15/2019 12:56	153248
Chrysene	NELAP	0.000100		**ND**	mg/L	1	05/14/2019 22:41	153248
Dibenzo(a,h)anthracene	NELAP	0.000100		**ND**	mg/L	1	05/14/2019 22:41	153248
Fluoranthene	NELAP	0.000200		**0.000890**	mg/L	1	05/14/2019 22:41	153248
Fluorene	NELAP	0.000100		**0.000828**	mg/L	1	05/14/2019 22:41	153248
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		**ND**	mg/L	1	05/14/2019 22:41	153248
Naphthalene	NELAP	0.0500		**0.542**	mg/L	250	05/15/2019 17:32	153248
Phenanthrene	NELAP	0.000400		**ND**	mg/L	1	05/14/2019 22:41	153248
Pyrene	NELAP	0.000200		**0.00155**	mg/L	1	05/14/2019 22:41	153248
Surr: 2-Fluorobiphenyl	*	21.4-142		**79.8**	%REC	1	05/14/2019 22:41	153248
Surr: Nitrobenzene-d5	*	15-163		**98.2**	%REC	1	05/14/2019 22:41	153248
Surr: p-Terphenyl-d14	*	10-173		**103.6**	%REC	1	05/14/2019 22:41	153248
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**43.9**	µg/L	1	05/14/2019 2:02	153260
Bromoform	NELAP	2.00		**ND**	µg/L	1	05/14/2019 2:02	153260
Ethylbenzene	NELAP	1.00		**23.8**	µg/L	1	05/14/2019 2:02	153260
m,p-Xylenes	NELAP	1.00		**124**	µg/L	1	05/14/2019 2:02	153260
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	05/14/2019 2:02	153260
Naphthalene	NELAP	40.0		**606**	µg/L	20	05/14/2019 16:14	153295
o-Xylene	NELAP	1.00		**112**	µg/L	1	05/14/2019 2:02	153260
Toluene	NELAP	2.00		**43.4**	µg/L	1	05/14/2019 2:02	153260
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	05/14/2019 2:02	153260
Xylenes, Total	NELAP	2.00		**237**	µg/L	1	05/14/2019 2:02	153260
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**97.9**	%REC	1	05/14/2019 2:02	153260
Surr: 4-Bromofluorobenzene	*	83.9-115		**101.4**	%REC	1	05/14/2019 2:02	153260
Surr: Dibromofluoromethane	*	84.9-113		**98.2**	%REC	1	05/14/2019 2:02	153260
Surr: Toluene-d8	*	86.7-112		**96.9**	%REC	1	05/14/2019 2:02	153260

Client: ERM
Work Order: 19050728
Client Project: Ameren Taylorville 2nd Qtr 2019
Report Date: 16-May-2019
Lab ID: 19050728-031
Client Sample ID: GW-2
Matrix: GROUNDWATER
Collection Date: 05/08/2019 14:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		ND	mg/L	1	05/14/2019 23:19	153248
Acenaphthylene	NELAP	0.000100		ND	mg/L	1	05/14/2019 23:19	153248
Anthracene	NELAP	0.000100		0.000134	mg/L	1	05/14/2019 23:19	153248
Benzo(a)anthracene	NELAP	0.000100		ND	mg/L	1	05/14/2019 23:19	153248
Benzo(a)pyrene	NELAP	0.000100		ND	mg/L	1	05/14/2019 23:19	153248
Benzo(b)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/14/2019 23:19	153248
Benzo(g,h,i)perylene	NELAP	0.000200		ND	mg/L	1	05/14/2019 23:19	153248
Benzo(k)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/14/2019 23:19	153248
Bis(2-ethylhexyl)phthalate	NELAP	0.00400		0.00416	mg/L	2	05/15/2019 15:33	153248
Chrysene	NELAP	0.000100		ND	mg/L	1	05/14/2019 23:19	153248
Dibenzo(a,h)anthracene	NELAP	0.000100		ND	mg/L	1	05/14/2019 23:19	153248
Fluoranthene	NELAP	0.000200		ND	mg/L	1	05/14/2019 23:19	153248
Fluorene	NELAP	0.000100		ND	mg/L	1	05/14/2019 23:19	153248
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		ND	mg/L	1	05/14/2019 23:19	153248
Naphthalene	NELAP	0.000200		0.000570	mg/L	1	05/14/2019 23:19	153248
Phenanthrene	NELAP	0.000400		ND	mg/L	1	05/14/2019 23:19	153248
Pyrene	NELAP	0.000200		ND	mg/L	1	05/14/2019 23:19	153248
Surr: 2-Fluorobiphenyl	*	21.4-142		66.7	%REC	1	05/14/2019 23:19	153248
Surr: Nitrobenzene-d5	*	15-163		68.0	%REC	1	05/14/2019 23:19	153248
Surr: p-Terphenyl-d14	*	10-173		91.1	%REC	1	05/14/2019 23:19	153248
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		ND	µg/L	1	05/14/2019 2:28	153260
Bromoform	NELAP	2.00		ND	µg/L	1	05/14/2019 2:28	153260
Ethylbenzene	NELAP	1.00		ND	µg/L	1	05/14/2019 2:28	153260
m,p-Xylenes	NELAP	1.00		ND	µg/L	1	05/14/2019 2:28	153260
Methylene chloride	NELAP	2.00		ND	µg/L	1	05/14/2019 2:28	153260
Naphthalene	NELAP	2.0	J	1.5	µg/L	1	05/14/2019 16:40	153295
o-Xylene	NELAP	1.0	J	0.11	µg/L	1	05/14/2019 2:28	153260
Toluene	NELAP	2.00		ND	µg/L	1	05/14/2019 2:28	153260
trans-1,2-Dichloroethene	NELAP	2.00		ND	µg/L	1	05/14/2019 2:28	153260
Xylenes, Total	NELAP	2.00		ND	µg/L	1	05/14/2019 2:28	153260
Surr: 1,2-Dichloroethane-d4	*	79.6-118		99.1	%REC	1	05/14/2019 2:28	153260
Surr: 4-Bromofluorobenzene	*	83.9-115		102.8	%REC	1	05/14/2019 2:28	153260
Surr: Dibromofluoromethane	*	84.9-113		99.3	%REC	1	05/14/2019 2:28	153260
Surr: Toluene-d8	*	86.7-112		95.9	%REC	1	05/14/2019 2:28	153260

Client: ERM
Work Order: 19050728
Client Project: Ameren Taylorville 2nd Qtr 2019
Report Date: 16-May-2019
Lab ID: 19050728-032
Client Sample ID: GW-2 DUP
Matrix: GROUNDWATER
Collection Date: 05/08/2019 14:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 3510C,8270C, SEMI-VOLATILE ORGANIC COMPOUNDS								
Acenaphthene	NELAP	0.000100		ND	mg/L	1	05/15/2019 1:14	153248
Acenaphthylene	NELAP	0.000100		ND	mg/L	1	05/15/2019 1:14	153248
Anthracene	NELAP	0.000100		0.000113	mg/L	1	05/15/2019 1:14	153248
Benzo(a)anthracene	NELAP	0.000100		ND	mg/L	1	05/15/2019 1:14	153248
Benzo(a)pyrene	NELAP	0.000100		ND	mg/L	1	05/15/2019 1:14	153248
Benzo(b)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/15/2019 1:14	153248
Benzo(g,h,i)perylene	NELAP	0.000200		ND	mg/L	1	05/15/2019 1:14	153248
Benzo(k)fluoranthene	NELAP	0.000100		ND	mg/L	1	05/15/2019 1:14	153248
Bis(2-ethylhexyl)phthalate	NELAP	0.00400		0.00756	mg/L	2	05/15/2019 13:35	153248
Chrysene	NELAP	0.000100		ND	mg/L	1	05/15/2019 1:14	153248
Dibenzo(a,h)anthracene	NELAP	0.000100		ND	mg/L	1	05/15/2019 1:14	153248
Fluoranthene	NELAP	0.000200		ND	mg/L	1	05/15/2019 1:14	153248
Fluorene	NELAP	0.000100		ND	mg/L	1	05/15/2019 1:14	153248
Indeno(1,2,3-cd)pyrene	NELAP	0.000100		ND	mg/L	1	05/15/2019 1:14	153248
Naphthalene	NELAP	0.000200		ND	mg/L	1	05/15/2019 1:14	153248
Phenanthrene	NELAP	0.000400		ND	mg/L	1	05/15/2019 1:14	153248
Pyrene	NELAP	0.000200		ND	mg/L	1	05/15/2019 1:14	153248
Surr: 2-Fluorobiphenyl	*	21.4-142		67.2	%REC	1	05/15/2019 1:14	153248
Surr: Nitrobenzene-d5	*	15-163		76.9	%REC	1	05/15/2019 1:14	153248
Surr: p-Terphenyl-d14	*	10-173		87.8	%REC	1	05/15/2019 1:14	153248
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		ND	µg/L	1	05/14/2019 2:54	153260
Bromoform	NELAP	2.00		ND	µg/L	1	05/14/2019 2:54	153260
Ethylbenzene	NELAP	1.00		ND	µg/L	1	05/14/2019 2:54	153260
m,p-Xylenes	NELAP	1.00		ND	µg/L	1	05/14/2019 2:54	153260
Methylene chloride	NELAP	2.00		ND	µg/L	1	05/14/2019 2:54	153260
Naphthalene	NELAP	2.00		ND	µg/L	1	05/15/2019 15:15	153318
o-Xylene	NELAP	1.00		ND	µg/L	1	05/14/2019 2:54	153260
Toluene	NELAP	2.00		ND	µg/L	1	05/14/2019 2:54	153260
trans-1,2-Dichloroethene	NELAP	2.00		ND	µg/L	1	05/14/2019 2:54	153260
Xylenes, Total	NELAP	2.00		ND	µg/L	1	05/14/2019 2:54	153260
Surr: 1,2-Dichloroethane-d4	*	79.6-118		99.8	%REC	1	05/14/2019 2:54	153260
Surr: 4-Bromofluorobenzene	*	83.9-115		101.1	%REC	1	05/14/2019 2:54	153260
Surr: Dibromofluoromethane	*	84.9-113		100.6	%REC	1	05/14/2019 2:54	153260
Surr: Toluene-d8	*	86.7-112		100.8	%REC	1	05/14/2019 2:54	153260

Client: ERM
Work Order: 19050728
Client Project: Ameren Taylorville 2nd Qtr 2019
Report Date: 16-May-2019
Lab ID: 19050728-033
Client Sample ID: Trip Blank 1
Matrix: TRIP BLANK
Collection Date: 05/08/2019 16:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		**ND**	µg/L	1	05/13/2019 23:00	153260
Bromoform	NELAP	2.00		**ND**	µg/L	1	05/13/2019 23:00	153260
Ethylbenzene	NELAP	1.00		**ND**	µg/L	1	05/13/2019 23:00	153260
m,p-Xylenes	NELAP	1.00		**ND**	µg/L	1	05/13/2019 23:00	153260
Methylene chloride	NELAP	2.00		**ND**	µg/L	1	05/13/2019 23:00	153260
Naphthalene	NELAP	2.0	BJ	**0.42**	µg/L	1	05/13/2019 23:00	153260
o-Xylene	NELAP	1.00		**ND**	µg/L	1	05/13/2019 23:00	153260
Toluene	NELAP	2.00		**ND**	µg/L	1	05/13/2019 23:00	153260
trans-1,2-Dichloroethene	NELAP	2.00		**ND**	µg/L	1	05/13/2019 23:00	153260
Xylenes, Total	NELAP	2.00		**ND**	µg/L	1	05/13/2019 23:00	153260
Surr: 1,2-Dichloroethane-d4	*	79.6-118		**98.6**	%REC	1	05/13/2019 23:00	153260
Surr: 4-Bromofluorobenzene	*	83.9-115		**101.8**	%REC	1	05/13/2019 23:00	153260
Surr: Dibromofluoromethane	*	84.9-113		**99.3**	%REC	1	05/13/2019 23:00	153260
Surr: Toluene-d8	*	86.7-112		**99.4**	%REC	1	05/13/2019 23:00	153260

Naphthalene was detected in the MBLK at a level between the MDL and the RL. Sample result is less than the RL. Data is reportable.

Client: ERM
Work Order: 19050728
Client Project: Ameren Taylorville 2nd Qtr 2019
Report Date: 16-May-2019
Lab ID: 19050728-034
Client Sample ID: Trip Blank 2
Matrix: TRIP BLANK
Collection Date: 05/09/2019 16:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	0.50		ND	µg/L	1	05/13/2019 23:26	153260
Bromoform	NELAP	2.00		ND	µg/L	1	05/13/2019 23:26	153260
Ethylbenzene	NELAP	1.00		ND	µg/L	1	05/13/2019 23:26	153260
m,p-Xylenes	NELAP	1.00		ND	µg/L	1	05/13/2019 23:26	153260
Methylene chloride	NELAP	2.00		ND	µg/L	1	05/13/2019 23:26	153260
Naphthalene	NELAP	2.00	B	ND	µg/L	1	05/13/2019 23:26	153260
o-Xylene	NELAP	1.00		ND	µg/L	1	05/13/2019 23:26	153260
Toluene	NELAP	2.00		ND	µg/L	1	05/13/2019 23:26	153260
trans-1,2-Dichloroethene	NELAP	2.00		ND	µg/L	1	05/13/2019 23:26	153260
Xylenes, Total	NELAP	2.00		ND	µg/L	1	05/13/2019 23:26	153260
Surr: 1,2-Dichloroethane-d4	*	79.6-118		99.6	%REC	1	05/13/2019 23:26	153260
Surr: 4-Bromofluorobenzene	*	83.9-115		102.1	%REC	1	05/13/2019 23:26	153260
Surr: Dibromofluoromethane	*	84.9-113		98.9	%REC	1	05/13/2019 23:26	153260
Surr: Toluene-d8	*	86.7-112		100.0	%REC	1	05/13/2019 23:26	153260

Naphthalene was detected in the MBLK at a level between the MDL and the RL. Sample result is less than the RL. Data is reportable.

Client: ERM
Work Order: 19050728
Client Project: Ameren Taylorville 2nd Qtr 2019
Report Date: 16-May-2019

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
19050728-001	GW-102D	Groundwater	2	05/06/2019 13:00
19050728-002	GW-102S	Groundwater	2	05/06/2019 12:30
19050728-003	GW-101S	Groundwater	2	05/06/2019 13:30
19050728-004	GW-13D	Groundwater	2	05/06/2019 14:15
19050728-005	GW-13S	Groundwater	2	05/06/2019 14:25
19050728-006	GW-9S	Groundwater	2	05/06/2019 15:00
19050728-007	GW-9D	Groundwater	2	05/06/2019 15:30
19050728-008	GW-12	Groundwater	2	05/06/2019 16:40
19050728-009	GW-103S	Groundwater	2	05/06/2019 17:45
19050728-010	GW-103D	Groundwater	2	05/06/2019 17:30
19050728-011	GW-103S DUP	Groundwater	2	05/06/2019 17:45
19050728-012	GW-20	Groundwater	2	05/07/2019 8:10
19050728-013	GW-1	Groundwater	2	05/07/2019 8:40
19050728-014	GW-21	Groundwater	2	05/07/2019 10:30
19050728-015	GW-5	Groundwater	2	05/07/2019 11:40
19050728-016	GW-18D	Groundwater	2	05/07/2019 13:30
19050728-017	GW-18S	Groundwater	2	05/07/2019 13:50
19050728-018	GW-19D	Groundwater	2	05/07/2019 14:50
19050728-019	GW-19S	Groundwater	2	05/07/2019 15:05
19050728-020	GW-16S	Groundwater	2	05/07/2019 15:50
19050728-021	GW-16D	Groundwater	2	05/07/2019 16:45
19050728-022	GW-16D DUP	Groundwater	2	05/07/2019 16:45
19050728-023	GW-17	Groundwater	2	05/07/2019 17:20
19050728-024	GW-14	Groundwater	2	05/08/2019 9:00
19050728-025	GW-7	Groundwater	2	05/08/2019 10:00
19050728-026	GW-15	Groundwater	2	05/08/2019 11:05
19050728-027	GW-4R	Groundwater	2	05/08/2019 11:15
19050728-028	GW-22D	Groundwater	2	05/08/2019 13:10
19050728-029	GW-22S	Groundwater	2	05/08/2019 13:25
19050728-030	GW-3	Groundwater	2	05/08/2019 13:50
19050728-031	GW-2	Groundwater	2	05/08/2019 14:20
19050728-032	GW-2 DUP	Groundwater	2	05/08/2019 14:20
19050728-033	Trip Blank 1	Trip Blank	1	05/08/2019 16:25
19050728-034	Trip Blank 2	Trip Blank	1	05/09/2019 16:25

Client: ERM

Client Project: Ameren Taylorville 2nd Qtr 2019

Work Order: 19050728

Report Date: 16-May-2019

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
19050728-001A	GW-102D	05/06/2019 13:00	05/09/2019 16:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/13/2019 9:20	05/13/2019 14:40
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/13/2019 9:20	05/14/2019 10:57
19050728-001B	GW-102D	05/06/2019 13:00	05/09/2019 16:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/11/2019 4:04
19050728-002A	GW-102S	05/06/2019 12:30	05/09/2019 16:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/13/2019 9:20	05/13/2019 15:17
19050728-002B	GW-102S	05/06/2019 12:30	05/09/2019 16:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/11/2019 4:32
19050728-003A	GW-101S	05/06/2019 13:30	05/09/2019 16:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/13/2019 9:20	05/13/2019 15:55
19050728-003B	GW-101S	05/06/2019 13:30	05/09/2019 16:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/11/2019 4:59
19050728-004A	GW-13D	05/06/2019 14:15	05/09/2019 16:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/13/2019 9:20	05/13/2019 16:33
19050728-004B	GW-13D	05/06/2019 14:15	05/09/2019 16:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/11/2019 5:26
19050728-005A	GW-13S	05/06/2019 14:25	05/09/2019 16:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/13/2019 9:20	05/13/2019 17:11
19050728-005B	GW-13S	05/06/2019 14:25	05/09/2019 16:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/11/2019 5:53
19050728-006A	GW-9S	05/06/2019 15:00	05/09/2019 16:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/13/2019 9:20	05/13/2019 17:48
19050728-006B	GW-9S	05/06/2019 15:00	05/09/2019 16:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/11/2019 6:21
19050728-007A	GW-9D	05/06/2019 15:30	05/09/2019 16:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/13/2019 9:20	05/13/2019 18:26
19050728-007B	GW-9D	05/06/2019 15:30	05/09/2019 16:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/11/2019 6:49
19050728-008A	GW-12	05/06/2019 16:40	05/09/2019 16:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/13/2019 9:20	05/13/2019 19:04
19050728-008B	GW-12	05/06/2019 16:40	05/09/2019 16:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/11/2019 7:15
19050728-009A	GW-103S	05/06/2019 17:45	05/09/2019 16:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/13/2019 9:20	05/13/2019 19:41

Client: ERM

Work Order: 19050728

Client Project: Ameren Taylorville 2nd Qtr 2019

Report Date: 16-May-2019

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
19050728-009B	GW-103S	05/06/2019 17:45	05/09/2019 16:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/11/2019 1:08
19050728-010A	GW-103D	05/06/2019 17:30	05/09/2019 16:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/13/2019 10:37	05/14/2019 6:25
19050728-010B	GW-103D	05/06/2019 17:30	05/09/2019 16:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/11/2019 1:34
19050728-011A	GW-103S DUP	05/06/2019 17:45	05/09/2019 16:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/13/2019 10:37	05/13/2019 22:51
19050728-011B	GW-103S DUP	05/06/2019 17:45	05/09/2019 16:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/11/2019 2:00
19050728-012A	GW-20	05/07/2019 8:10	05/09/2019 16:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/13/2019 10:37	05/13/2019 23:29
19050728-012B	GW-20	05/07/2019 8:10	05/09/2019 16:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/11/2019 2:26
19050728-013A	GW-1	05/07/2019 8:40	05/09/2019 16:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/13/2019 10:37	05/14/2019 0:07
19050728-013B	GW-1	05/07/2019 8:40	05/09/2019 16:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/11/2019 2:52
19050728-014A	GW-21	05/07/2019 10:30	05/09/2019 16:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/13/2019 10:37	05/14/2019 0:45
19050728-014B	GW-21	05/07/2019 10:30	05/09/2019 16:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/11/2019 3:18
19050728-015A	GW-5	05/07/2019 11:40	05/09/2019 16:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/13/2019 10:39	05/14/2019 1:23
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/13/2019 10:39	05/15/2019 3:45
19050728-015B	GW-5	05/07/2019 11:40	05/09/2019 16:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/11/2019 3:44
19050728-016A	GW-18D	05/07/2019 13:30	05/09/2019 16:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/13/2019 12:37	05/14/2019 3:54
19050728-016B	GW-18D	05/07/2019 13:30	05/09/2019 16:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/11/2019 4:10
19050728-017A	GW-18S	05/07/2019 13:50	05/09/2019 16:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/13/2019 10:37	05/14/2019 2:00
19050728-017B	GW-18S	05/07/2019 13:50	05/09/2019 16:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/11/2019 4:36

Client: ERM
Client Project: Ameren Taylorville 2nd Qtr 2019

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Report Date: 16-May-2019

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
19050728-018A	GW-19D	05/07/2019 14:50	05/09/2019 16:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/13/2019 10:37	05/14/2019 2:38
19050728-018B	GW-19D	05/07/2019 14:50	05/09/2019 16:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/11/2019 5:03
19050728-019A	GW-19S	05/07/2019 15:05	05/09/2019 16:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/13/2019 10:37	05/14/2019 3:16
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/13/2019 10:37	05/15/2019 4:23
19050728-019B	GW-19S	05/07/2019 15:05	05/09/2019 16:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/11/2019 5:29
19050728-020A	GW-16S	05/07/2019 15:50	05/09/2019 16:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/14/2019 9:40	05/14/2019 15:06
19050728-020B	GW-16S	05/07/2019 15:50	05/09/2019 16:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/13/2019 23:51
19050728-021A	GW-16D	05/07/2019 16:45	05/09/2019 16:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/13/2019 10:37	05/14/2019 4:32
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/13/2019 10:37	05/15/2019 1:51
19050728-021B	GW-16D	05/07/2019 16:45	05/09/2019 16:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/13/2019 16:01
19050728-022A	GW-16D DUP	05/07/2019 16:45	05/09/2019 16:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/14/2019 9:40	05/14/2019 15:44
19050728-022B	GW-16D DUP	05/07/2019 16:45	05/09/2019 16:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2019 0:17
19050728-023A	GW-17	05/07/2019 17:20	05/09/2019 16:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/14/2019 9:40	05/14/2019 16:22
19050728-023B	GW-17	05/07/2019 17:20	05/09/2019 16:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2019 0:43
19050728-024A	GW-14	05/08/2019 9:00	05/09/2019 16:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/14/2019 9:40	05/14/2019 17:00
19050728-024B	GW-14	05/08/2019 9:00	05/09/2019 16:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2019 1:09
19050728-025A	GW-7	05/08/2019 10:00	05/09/2019 16:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/14/2019 9:40	05/14/2019 17:38
19050728-025B	GW-7	05/08/2019 10:00	05/09/2019 16:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2019 1:36
19050728-026A	GW-15	05/08/2019 11:05	05/09/2019 16:25		

Client: ERM

Work Order: 19050728

Client Project: Ameren Taylorville 2nd Qtr 2019

Report Date: 16-May-2019

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/14/2019 9:40	05/14/2019 18:16
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/14/2019 9:40	05/15/2019 11:39
19050728-026B	GW-15	05/08/2019 11:05	05/09/2019 16:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/13/2019 17:45
19050728-027A	GW-4R	05/08/2019 11:15	05/09/2019 16:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/14/2019 9:40	05/14/2019 18:54
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/14/2019 9:40	05/15/2019 14:14
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/14/2019 9:40	05/15/2019 14:54
19050728-027B	GW-4R	05/08/2019 11:15	05/09/2019 16:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/13/2019 18:12
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2019 14:57
19050728-028A	GW-22D	05/08/2019 13:10	05/09/2019 16:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/14/2019 9:40	05/14/2019 19:31
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/14/2019 9:40	05/15/2019 12:18
19050728-028B	GW-22D	05/08/2019 13:10	05/09/2019 16:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2019 15:22
19050728-029A	GW-22S	05/08/2019 13:25	05/09/2019 16:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/14/2019 9:40	05/14/2019 20:09
19050728-029B	GW-22S	05/08/2019 13:25	05/09/2019 16:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/13/2019 19:04
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2019 15:48
19050728-030A	GW-3	05/08/2019 13:50	05/09/2019 16:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/14/2019 11:03	05/14/2019 22:41
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/14/2019 11:03	05/15/2019 12:56
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/14/2019 11:03	05/15/2019 17:32
19050728-030B	GW-3	05/08/2019 13:50	05/09/2019 16:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2019 2:02
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2019 16:14
19050728-031A	GW-2	05/08/2019 14:20	05/09/2019 16:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/14/2019 11:03	05/14/2019 23:19
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/14/2019 11:03	05/15/2019 15:33
19050728-031B	GW-2	05/08/2019 14:20	05/09/2019 16:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2019 2:28
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2019 16:40
19050728-032A	GW-2 DUP	05/08/2019 14:20	05/09/2019 16:25		
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/14/2019 11:03	05/15/2019 1:14

Client: ERM

Client Project: Ameren Taylorville 2nd Qtr 2019

Work Order: 19050728

Report Date: 16-May-2019

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
	SW-846 3510C,8270C, Semi-Volatile Organic Compounds			05/14/2019 11:03	05/15/2019 13:35
19050728-032B	GW-2 DUP	05/08/2019 14:20	05/09/2019 16:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/14/2019 2:54
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/15/2019 15:15
19050728-033A	Trip Blank 1	05/08/2019 16:25	05/09/2019 16:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/13/2019 23:00
19050728-034A	Trip Blank 2	05/09/2019 16:25	05/09/2019 16:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				05/13/2019 23:26

Client: ERM

Work Order: 19050728

Client Project: Ameren Taylorville 2nd Qtr 2019

Report Date: 16-May-2019

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

Batch 153198 **SampType:** MBLK Units mg/L

SampID: MBLK-153198

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene	0.000100		ND						05/13/2019
Acenaphthylene	0.000100		ND						05/13/2019
Anthracene	0.000100		ND						05/13/2019
Benzo(a)anthracene	0.000100		ND						05/13/2019
Benzo(a)pyrene	0.000100		ND						05/13/2019
Benzo(b)fluoranthene	0.000100		ND						05/13/2019
Benzo(g,h,i)perylene	0.000200		ND						05/13/2019
Benzo(k)fluoranthene	0.000100		ND						05/13/2019
Bis(2-ethylhexyl)phthalate	0.00200		ND						05/13/2019
Chrysene	0.000100		ND						05/13/2019
Dibenzo(a,h)anthracene	0.000100		ND						05/13/2019
Fluoranthene	0.000200		ND						05/13/2019
Fluorene	0.000100		ND						05/13/2019
Indeno(1,2,3-cd)pyrene	0.000100		ND						05/13/2019
Naphthalene	0.000200		ND						05/13/2019
Phenanthrene	0.000400		ND						05/13/2019
Pyrene	0.000200		ND						05/13/2019
Surr: 2-Fluorobiphenyl			0.000837	0.00100(		83.7	30	133	05/13/2019
Surr: Nitrobenzene-d5			0.000831	0.00100(		83.1	39.8	123	05/13/2019
Surr: p-Terphenyl-d14			0.00112	0.00100(		112.1	48.1	144	05/13/2019

Batch 153198 **SampType:** LCS Units mg/L

SampID: LCS-153198

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene	0.000100		0.00177	0.00200(	0	88.6	46.9	113	05/13/2019
Acenaphthylene	0.000100		0.00174	0.00200(	0	87.0	45.9	129	05/13/2019
Anthracene	0.000100		0.00174	0.00200(	0	87.1	48.5	117	05/13/2019
Benzo(a)anthracene	0.000100		0.00164	0.00200(	0	82.2	51.2	117	05/13/2019
Benzo(a)pyrene	0.000100		0.00169	0.00200(	0	84.7	48.1	127	05/13/2019
Benzo(b)fluoranthene	0.000100		0.00156	0.00200(	0	78.0	38.1	135	05/13/2019
Benzo(g,h,i)perylene	0.000200		0.00165	0.00200(	0	82.7	46.5	132	05/13/2019
Benzo(k)fluoranthene	0.000100		0.00193	0.00200(	0	96.6	47.5	126	05/13/2019
Bis(2-ethylhexyl)phthalate	0.00200		0.00320	0.00200(	0	160.2	30	220	05/13/2019
Chrysene	0.000100		0.00173	0.00200(	0	86.4	50.6	121	05/13/2019
Dibenzo(a,h)anthracene	0.000100		0.00167	0.00200(	0	83.6	49.2	137	05/13/2019
Fluoranthene	0.000200		0.00191	0.00200(	0	95.5	48.8	124	05/13/2019
Fluorene	0.000100		0.00182	0.00200(	0	91.1	45.5	123	05/13/2019
Indeno(1,2,3-cd)pyrene	0.000100		0.00119	0.00200(	0	59.6	37.1	143	05/13/2019
Naphthalene	0.000200		0.00157	0.00200(	0	78.5	18.5	145	05/13/2019
Phenanthrene	0.000400		0.00178	0.00200(	0	89.1	44.7	131	05/13/2019
Pyrene	0.000200		0.00176	0.00200(	0	88.0	47.5	123	05/13/2019
Surr: 2-Fluorobiphenyl			0.000810	0.00100(		81.0	30	133	05/13/2019
Surr: Nitrobenzene-d5			0.000835	0.00100(		83.5	39.8	123	05/13/2019
Surr: p-Terphenyl-d14			0.00103	0.00100(		102.8	48.1	144	05/13/2019

Client: ERM

Work Order: 19050728

Client Project: Ameren Taylorville 2nd Qtr 2019

Report Date: 16-May-2019

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

Batch 153198 **SampType:** LCSD Units mg/L RPD Limit 40

SampID: LCSD-153198

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene	0.000100		**0.00185**	0.00200	0	92.4	0.001772	4.26	05/13/2019
Acenaphthylene	0.000100		**0.00192**	0.00200	0	96.0	0.001740	9.85	05/13/2019
Anthracene	0.000100		**0.00183**	0.00200	0	91.4	0.001742	4.80	05/13/2019
Benzo(a)anthracene	0.000100		**0.00170**	0.00200	0	84.8	0.001644	3.14	05/13/2019
Benzo(a)pyrene	0.000100		**0.00182**	0.00200	0	91.0	0.001693	7.26	05/13/2019
Benzo(b)fluoranthene	0.000100		**0.00159**	0.00200	0	79.5	0.001559	1.99	05/13/2019
Benzo(g,h,i)perylene	0.000200		**0.00174**	0.00200	0	87.1	0.001654	5.24	05/13/2019
Benzo(k)fluoranthene	0.000100		**0.00190**	0.00200	0	95.0	0.001932	1.66	05/13/2019
Bis(2-ethylhexyl)phthalate	0.00200		**0.00324**	0.00200	0	162.0	0.003203	1.15	05/13/2019
Chrysene	0.000100		**0.00203**	0.00200	0	101.3	0.001729	15.87	05/13/2019
Dibenzo(a,h)anthracene	0.000100		**0.00182**	0.00200	0	91.0	0.001672	8.50	05/13/2019
Fluoranthene	0.000200		**0.00202**	0.00200	0	100.9	0.001911	5.50	05/13/2019
Fluorene	0.000100		**0.00194**	0.00200	0	97.0	0.001822	6.20	05/13/2019
Indeno(1,2,3-cd)pyrene	0.000100		**0.00136**	0.00200	0	68.0	0.001191	13.31	05/13/2019
Naphthalene	0.000200		**0.00177**	0.00200	0	88.4	0.001570	11.87	05/13/2019
Phenanthrene	0.000400		**0.00198**	0.00200	0	98.9	0.001781	10.43	05/13/2019
Pyrene	0.000200		**0.00191**	0.00200	0	95.7	0.001759	8.40	05/13/2019
Surr: 2-Fluorobiphenyl			**0.000835**	0.00100		83.5			05/13/2019
Surr: Nitrobenzene-d5			**0.000912**	0.00100		91.2			05/13/2019
Surr: p-Terphenyl-d14			**0.00116**	0.00100		116.1			05/13/2019

Batch 153198 **SampType:** MS Units mg/L

SampID: 19050728-021AMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene	0.000100		**0.00171**	0.00200	0	85.4	28.3	133	05/14/2019
Acenaphthylene	0.000100		**0.00172**	0.00200	0	85.9	5	176	05/14/2019
Anthracene	0.000100		**0.00162**	0.00200	0	81.2	34.6	131	05/14/2019
Benzo(a)anthracene	0.000100		**0.00152**	0.00200	0	75.8	40.3	132	05/14/2019
Benzo(a)pyrene	0.000100		**0.00161**	0.00200	0	80.4	40.8	132	05/14/2019
Benzo(b)fluoranthene	0.000100		**0.00152**	0.00200	0	76.0	41.9	132	05/14/2019
Benzo(g,h,i)perylene	0.000200		**0.00146**	0.00200	0	73.0	46	132	05/14/2019
Benzo(k)fluoranthene	0.000100		**0.00163**	0.00200	0	81.7	49.4	126	05/14/2019
Bis(2-ethylhexyl)phthalate	0.0300	JS	**0.013**	0.00200	0	639.8	18.4	222	05/15/2019
Chrysene	0.000100		**0.00165**	0.00200	0	82.6	46.1	129	05/14/2019
Dibenzo(a,h)anthracene	0.000100		**0.00126**	0.00200	0	63.2	42.1	146	05/14/2019
Fluoranthene	0.000200		**0.00182**	0.00200	0	91.2	23.9	164	05/14/2019
Fluorene	0.000100		**0.00165**	0.00200	0	82.7	24.3	148	05/14/2019
Indeno(1,2,3-cd)pyrene	0.000100		**0.000772**	0.00200	0	38.6	26.6	157	05/14/2019
Naphthalene	0.000200		**0.00162**	0.00200	0	80.8	24.2	132	05/14/2019
Phenanthrene	0.000400		**0.00168**	0.00200	0	84.0	36.6	139	05/14/2019
Pyrene	0.000200		**0.00172**	0.00200	0	86.1	14.6	169	05/14/2019
Surr: 2-Fluorobiphenyl			**0.000763**	0.00100		76.3	21.4	142	05/14/2019
Surr: Nitrobenzene-d5			**0.000814**	0.00100		81.4	15	163	05/14/2019
Surr: p-Terphenyl-d14			**0.00102**	0.00100		102.3	10	173	05/14/2019

Client: ERM

Work Order: 19050728

Client Project: Ameren Taylorville 2nd Qtr 2019

Report Date: 16-May-2019

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

Batch 153198 **SampType:** MSD Units mg/L RPD Limit 40

SampID: 19050728-021AMSD

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene	0.000100		**0.00174**	0.00200	0	86.8	0.001708	1.57	05/14/2019
Acenaphthylene	0.000100		**0.00181**	0.00200	0	90.4	0.001719	5.01	05/14/2019
Anthracene	0.000100		**0.00175**	0.00200	0	87.4	0.001624	7.35	05/14/2019
Benzo(a)anthracene	0.000100		**0.00161**	0.00200	0	80.6	0.001516	6.09	05/14/2019
Benzo(a)pyrene	0.000100		**0.00169**	0.00200	0	84.5	0.001608	4.97	05/14/2019
Benzo(b)fluoranthene	0.000100		**0.00151**	0.00200	0	75.3	0.001520	0.95	05/14/2019
Benzo(g,h,i)perylene	0.000200		**0.00151**	0.00200	0	75.6	0.001460	3.55	05/14/2019
Benzo(k)fluoranthene	0.000100		**0.00179**	0.00200	0	89.6	0.001634	9.27	05/14/2019
Bis(2-ethylhexyl)phthalate	0.0300	JS	**0.012**	0.00200	0	587.5	0.01280	0.00	05/15/2019
Chrysene	0.000100		**0.00189**	0.00200	0	94.4	0.001653	13.29	05/14/2019
Dibenzo(a,h)anthracene	0.000100		**0.00155**	0.00200	0	77.5	0.001263	20.46	05/14/2019
Fluoranthene	0.000200		**0.00194**	0.00200	0	96.8	0.001824	5.95	05/14/2019
Fluorene	0.000100		**0.00169**	0.00200	0	84.5	0.001653	2.18	05/14/2019
Indeno(1,2,3-cd)pyrene	0.000100		**0.000880**	0.00200	0	44.0	0.0007715	13.14	05/14/2019
Naphthalene	0.000200		**0.00172**	0.00200	0	85.9	0.001616	6.14	05/14/2019
Phenanthrene	0.000400		**0.00190**	0.00200	0	94.8	0.001680	12.12	05/14/2019
Pyrene	0.000200		**0.00186**	0.00200	0	93.2	0.001723	7.84	05/14/2019
Surr: 2-Fluorobiphenyl			**0.000790**	0.00100		79.0			05/14/2019
Surr: Nitrobenzene-d5			**0.000844**	0.00100		84.4			05/14/2019
Surr: p-Terphenyl-d14			**0.00111**	0.00100		111.4			05/14/2019

Batch 153248 **SampType:** MBLK Units mg/L

SampID: MBLK-153248

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene	0.000100		**ND**						05/14/2019
Acenaphthylene	0.000100		**ND**						05/14/2019
Anthracene	0.000100		**ND**						05/14/2019
Benzo(a)anthracene	0.000100		**ND**						05/14/2019
Benzo(a)pyrene	0.000100		**ND**						05/14/2019
Benzo(b)fluoranthene	0.000100		**ND**						05/14/2019
Benzo(g,h,i)perylene	0.000200		**ND**						05/14/2019
Benzo(k)fluoranthene	0.000100		**ND**						05/14/2019
Bis(2-ethylhexyl)phthalate	0.00600		**ND**						05/14/2019
Chrysene	0.000100		**ND**						05/14/2019
Dibenzo(a,h)anthracene	0.000100		**ND**						05/14/2019
Fluoranthene	0.000200		**ND**						05/14/2019
Fluorene	0.000100		**ND**						05/14/2019
Indeno(1,2,3-cd)pyrene	0.000100		**ND**						05/14/2019
Naphthalene	0.000200		**ND**						05/14/2019
Phenanthrene	0.000400		**ND**						05/14/2019
Pyrene	0.000200		**ND**						05/14/2019
Surr: 2-Fluorobiphenyl			**0.000796**	0.00100		79.6	30	133	05/14/2019
Surr: Nitrobenzene-d5			**0.000875**	0.00100		87.5	39.8	123	05/14/2019
Surr: p-Terphenyl-d14			**0.00110**	0.00100		110.0	48.1	144	05/14/2019

Client: ERM

Work Order: 19050728

Client Project: Ameren Taylorville 2nd Qtr 2019

Report Date: 16-May-2019

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

Batch 153248 **SampType:** LCS Units mg/L

SampID: LCS-153248

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene	0.000100		0.00177	0.00200	0	88.5	46.9	113	05/14/2019
Acenaphthylene	0.000100		0.00182	0.00200	0	90.9	45.9	129	05/14/2019
Anthracene	0.000100		0.00173	0.00200	0	86.3	48.5	117	05/14/2019
Benzo(a)anthracene	0.000100		0.00163	0.00200	0	81.6	51.2	117	05/14/2019
Benzo(a)pyrene	0.000100		0.00180	0.00200	0	89.8	48.1	127	05/14/2019
Benzo(b)fluoranthene	0.000100		0.00148	0.00200	0	74.1	38.1	135	05/14/2019
Benzo(g,h,i)perylene	0.000200		0.00181	0.00200	0	90.6	46.5	132	05/14/2019
Benzo(k)fluoranthene	0.000100		0.00175	0.00200	0	87.6	47.5	126	05/14/2019
Bis(2-ethylhexyl)phthalate	0.00600	J	0.0031	0.00200	0	153.1	30	220	05/14/2019
Chrysene	0.000100		0.00187	0.00200	0	93.6	50.6	121	05/14/2019
Dibenzo(a,h)anthracene	0.000100		0.00182	0.00200	0	91.0	49.2	137	05/14/2019
Fluoranthene	0.000200		0.00192	0.00200	0	96.2	48.8	124	05/14/2019
Fluorene	0.000100		0.00174	0.00200	0	87.1	45.5	123	05/14/2019
Indeno(1,2,3-cd)pyrene	0.000100		0.00116	0.00200	0	57.9	37.1	143	05/14/2019
Naphthalene	0.000200		0.00176	0.00200	0	88.0	18.5	145	05/14/2019
Phenanthrene	0.000400		0.00178	0.00200	0	89.2	44.7	131	05/14/2019
Pyrene	0.000200		0.00185	0.00200	0	92.6	47.5	123	05/14/2019
Surr: 2-Fluorobiphenyl			0.000792	0.00100		79.2	30	133	05/14/2019
Surr: Nitrobenzene-d5			0.000867	0.00100		86.7	39.8	123	05/14/2019
Surr: p-Terphenyl-d14			0.000978	0.00100		97.8	48.1	144	05/14/2019

Batch 153248 **SampType:** LCSD Units mg/L RPD Limit 40

SampID: LCSD-153248

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene	0.000100		0.00170	0.00200	0	85.0	0.001770	4.03	05/14/2019
Acenaphthylene	0.000100		0.00175	0.00200	0	87.3	0.001818	4.05	05/14/2019
Anthracene	0.000100		0.00180	0.00200	0	89.9	0.001726	4.11	05/14/2019
Benzo(a)anthracene	0.000100		0.00154	0.00200	0	76.8	0.001631	6.08	05/14/2019
Benzo(a)pyrene	0.000100		0.00174	0.00200	0	87.2	0.001795	2.85	05/14/2019
Benzo(b)fluoranthene	0.000100		0.00149	0.00200	0	74.7	0.001483	0.81	05/14/2019
Benzo(g,h,i)perylene	0.000200		0.00161	0.00200	0	80.5	0.001812	11.77	05/14/2019
Benzo(k)fluoranthene	0.000100		0.00177	0.00200	0	88.6	0.001753	1.04	05/14/2019
Bis(2-ethylhexyl)phthalate	0.00600	J	0.0024	0.00200	0	118.9	0.003061	0.00	05/14/2019
Chrysene	0.000100		0.00186	0.00200	0	92.8	0.001872	0.92	05/14/2019
Dibenzo(a,h)anthracene	0.000100		0.00159	0.00200	0	79.5	0.001819	13.38	05/14/2019
Fluoranthene	0.000200		0.00197	0.00200	0	98.7	0.001924	2.52	05/14/2019
Fluorene	0.000100		0.00174	0.00200	0	87.0	0.001742	0.09	05/14/2019
Indeno(1,2,3-cd)pyrene	0.000100	R	0.00259	0.00200	0	129.3	0.001158	76.23	05/14/2019
Naphthalene	0.000200		0.00172	0.00200	0	86.2	0.001759	2.07	05/14/2019
Phenanthrene	0.000400		0.00184	0.00200	0	92.1	0.001783	3.22	05/14/2019
Pyrene	0.000200		0.00193	0.00200	0	96.4	0.001852	3.99	05/14/2019
Surr: 2-Fluorobiphenyl			0.000768	0.00100		76.8			05/14/2019
Surr: Nitrobenzene-d5			0.000864	0.00100		86.4			05/14/2019
Surr: p-Terphenyl-d14			0.00109	0.00100		109.3			05/14/2019

Client: ERM

Work Order: 19050728

Client Project: Ameren Taylorville 2nd Qtr 2019

Report Date: 16-May-2019

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

Batch 153248 **SampType:** MS Units mg/L

SampID: 19050728-031AMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Bis(2-ethylhexyl)phthalate	0.0120	J	**0.0059**	0.00200	0.004163	85.3	18.4	222	05/15/2019

Batch 153248 **SampType:** MSD Units mg/L RPD Limit 40

SampID: 19050728-031AMSD

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Bis(2-ethylhexyl)phthalate	0.0120	J	**0.0058**	0.00200	0.004163	84.0	0.005868	0.00	05/15/2019

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

Batch 153202 **SampType:** MBLK Units µg/L

SampID: MBLK-T190510A-2

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	0.5		**ND**						05/10/2019
Bromoform	2.0		**ND**						05/10/2019
Ethylbenzene	2.0		**ND**						05/10/2019
m,p-Xylenes	2.0		**ND**						05/10/2019
Methylene chloride	10.0		**ND**						05/10/2019
Naphthalene	5.0		**ND**						05/10/2019
o-Xylene	2.0		**ND**						05/10/2019
Toluene	2.0		**ND**						05/10/2019
trans-1,2-Dichloroethene	2.0		**ND**						05/10/2019
Xylenes, Total	4.0		**ND**						05/10/2019
Surr: 1,2-Dichloroethane-d4			**49.6**	50.00		99.2	79.6	118	05/10/2019
Surr: 4-Bromofluorobenzene			**50.6**	50.00		101.2	83.9	115	05/10/2019
Surr: Dibromofluoromethane			**49.0**	50.00		97.9	84.9	113	05/10/2019
Surr: Toluene-d8			**49.7**	50.00		99.3	86.7	112	05/10/2019

Batch 153202 **SampType:** LCSD Units µg/L RPD Limit 40

SampID: LCSD-T190510A-2

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	0.5		**45.5**	50.00	0	91.0	45.27	0.53	05/10/2019
Bromoform	2.0		**47.8**	50.00	0	95.6	48.78	1.99	05/10/2019
Ethylbenzene	2.0		**45.9**	50.00	0	91.7	46.84	2.09	05/10/2019
m,p-Xylenes	2.0		**92.5**	100.0	0	92.5	93.69	1.27	05/10/2019
Methylene chloride	10.0		**43.2**	50.00	0	86.4	43.09	0.28	05/10/2019
Naphthalene	5.0		**47.9**	50.00	0	95.7	49.12	2.58	05/10/2019
o-Xylene	2.0		**46.5**	50.00	0	93.1	47.67	2.40	05/10/2019
Toluene	2.0		**45.5**	50.00	0	91.0	46.57	2.37	05/10/2019
trans-1,2-Dichloroethene	2.0		**49.2**	50.00	0	98.4	49.42	0.43	05/10/2019
Xylenes, Total	4.0		**139**	150.0	0	92.7	141.4	1.65	05/10/2019
Surr: 1,2-Dichloroethane-d4			**47.9**	50.00		95.8			05/10/2019
Surr: 4-Bromofluorobenzene			**49.8**	50.00		99.7			05/10/2019
Surr: Dibromofluoromethane			**49.6**	50.00		99.2			05/10/2019
Surr: Toluene-d8			**49.4**	50.00		98.8			05/10/2019

Client: ERM

Work Order: 19050728

Client Project: Ameren Taylorville 2nd Qtr 2019

Report Date: 16-May-2019

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

Batch 153202 **SampType:** LCS Units µg/L

SampID: LCS-T190510A-2

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	0.5		45.3	50.00	0	90.5	75.8	121	05/10/2019
Bromoform	2.0		48.8	50.00	0	97.6	85.5	128	05/10/2019
Ethylbenzene	2.0		46.8	50.00	0	93.7	80.7	114	05/10/2019
m,p-Xylenes	2.0		93.7	100.0	0	93.7	80.5	113	05/10/2019
Methylene chloride	10.0		43.1	50.00	0	86.2	76.2	119	05/10/2019
Naphthalene	5.0		49.1	50.00	0	98.2	76.1	129	05/10/2019
o-Xylene	2.0		47.7	50.00	0	95.3	79.7	112	05/10/2019
Toluene	2.0		46.6	50.00	0	93.1	78.3	112	05/10/2019
trans-1,2-Dichloroethene	2.0		49.4	50.00	0	98.8	73.5	124	05/10/2019
Xylenes, Total	4.0		141	150.0	0	94.2	80.2	113	05/10/2019
Surr: 1,2-Dichloroethane-d4			48.1	50.00		96.2	79.6	118	05/10/2019
Surr: 4-Bromofluorobenzene			49.1	50.00		98.2	83.9	115	05/10/2019
Surr: Dibromofluoromethane			49.4	50.00		98.8	84.9	113	05/10/2019
Surr: Toluene-d8			49.7	50.00		99.3	86.7	112	05/10/2019

Batch 153209 **SampType:** MBLK Units µg/L

SampID: MBLK-N190510A-2

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	0.5		ND						05/11/2019
Bromoform	2.0		ND						05/11/2019
Ethylbenzene	2.0		ND						05/11/2019
m,p-Xylenes	2.0		ND						05/11/2019
Methylene chloride	10.0		ND						05/11/2019
Naphthalene	5.0		ND						05/11/2019
o-Xylene	2.0		ND						05/11/2019
Toluene	2.0		ND						05/11/2019
trans-1,2-Dichloroethene	2.0		ND						05/11/2019
Xylenes, Total	4.0		ND						05/11/2019
Surr: 1,2-Dichloroethane-d4			49.6	50.00		99.2	79.6	118	05/11/2019
Surr: 4-Bromofluorobenzene			51.1	50.00		102.2	83.9	115	05/11/2019
Surr: Toluene-d8			48.9	50.00		97.8	86.7	112	05/11/2019

Client: ERM

Work Order: 19050728

Client Project: Ameren Taylorville 2nd Qtr 2019

Report Date: 16-May-2019

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

Batch 153209 **SampType:** LCSD Units µg/L RPD Limit 40

SampID: LCSD-N190510A-2

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	0.5		**46.2**	50.00	0	92.4	41.08	11.75	05/10/2019
Bromoform	2.0		**53.1**	50.00	0	106.3	45.04	16.48	05/10/2019
Ethylbenzene	2.0		**48.1**	50.00	0	96.2	40.80	16.38	05/10/2019
m,p-Xylenes	2.0		**95.6**	100.0	0	95.6	80.63	17.02	05/10/2019
Methylene chloride	10.0		**45.4**	50.00	0	90.8	41.69	8.54	05/10/2019
Naphthalene	5.0		**49.0**	50.00	0	97.9	42.56	13.97	05/10/2019
o-Xylene	2.0		**46.8**	50.00	0	93.7	40.22	15.21	05/10/2019
Toluene	2.0		**48.1**	50.00	0	96.2	39.99	18.41	05/10/2019
trans-1,2-Dichloroethene	2.0		**46.7**	50.00	0	93.4	42.46	9.55	05/10/2019
Xylenes, Total	4.0		**142**	150.0	0	95.0	120.8	16.42	05/10/2019
Surr: 1,2-Dichloroethane-d4			**48.3**	50.00		96.6			05/10/2019
Surr: 4-Bromofluorobenzene			**49.4**	50.00		98.8			05/10/2019
Surr: Toluene-d8			**48.6**	50.00		97.3			05/10/2019

Batch 153209 **SampType:** LCS Units µg/L

SampID: LCS-N190510A-2

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	0.5		**41.1**	50.00	0	82.2	75.8	121	05/10/2019
Bromoform	2.0		**45.0**	50.00	0	90.1	85.5	128	05/10/2019
Ethylbenzene	2.0		**40.8**	50.00	0	81.6	80.7	114	05/10/2019
m,p-Xylenes	2.0		**80.6**	100.0	0	80.6	80.5	113	05/10/2019
Methylene chloride	10.0		**41.7**	50.00	0	83.4	76.2	119	05/10/2019
Naphthalene	5.0		**42.6**	50.00	0	85.1	76.1	129	05/10/2019
o-Xylene	2.0		**40.2**	50.00	0	80.4	79.7	112	05/10/2019
Toluene	2.0		**40.0**	50.00	0	80.0	78.3	112	05/10/2019
trans-1,2-Dichloroethene	2.0		**42.5**	50.00	0	84.9	73.5	124	05/10/2019
Xylenes, Total	4.0		**121**	150.0	0	80.6	80.2	113	05/10/2019
Surr: 1,2-Dichloroethane-d4			**49.2**	50.00		98.3	79.6	118	05/10/2019
Surr: 4-Bromofluorobenzene			**47.8**	50.00		95.6	83.9	115	05/10/2019
Surr: Toluene-d8			**48.2**	50.00		96.4	86.7	112	05/10/2019

Client: ERM

Work Order: 19050728

Client Project: Ameren Taylorville 2nd Qtr 2019

Report Date: 16-May-2019

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

Batch 153218 **SampType:** MBLK Units µg/L

SampID: MBLK-T190513A-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	0.5		ND						05/13/2019
Bromoform	2.0		ND						05/13/2019
Ethylbenzene	2.0		ND						05/13/2019
m,p-Xylenes	2.0		ND						05/13/2019
Methylene chloride	10.0		ND						05/13/2019
Naphthalene	5.0		ND						05/13/2019
o-Xylene	2.0		ND						05/13/2019
Toluene	2.0		ND						05/13/2019
trans-1,2-Dichloroethene	2.0		ND						05/13/2019
Xylenes, Total	4.0		ND						05/13/2019
Surr: 1,2-Dichloroethane-d4			49.6	50.00		99.2	79.6	118	05/13/2019
Surr: 4-Bromofluorobenzene			50.4	50.00		100.9	83.9	115	05/13/2019
Surr: Dibromofluoromethane			50.8	50.00		101.6	84.9	113	05/13/2019
Surr: Toluene-d8			48.8	50.00		97.5	86.7	112	05/13/2019

Batch 153218 **SampType:** LCSD Units µg/L RPD Limit 40

SampID: LCSD-T190513A-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	0.5		45.2	50.00	0	90.4	47.35	4.60	05/13/2019
Bromoform	2.0		48.6	50.00	0	97.2	51.01	4.88	05/13/2019
Ethylbenzene	2.0		45.6	50.00	0	91.1	47.54	4.25	05/13/2019
m,p-Xylenes	2.0		91.5	100.0	0	91.5	97.10	5.96	05/13/2019
Methylene chloride	10.0		43.2	50.00	0	86.4	44.57	3.10	05/13/2019
Naphthalene	5.0		49.8	50.00	0	99.7	49.70	0.26	05/13/2019
o-Xylene	2.0		45.8	50.00	0	91.7	48.14	4.87	05/13/2019
Toluene	2.0		44.6	50.00	0	89.1	47.19	5.73	05/13/2019
trans-1,2-Dichloroethene	2.0		48.1	50.00	0	96.3	50.99	5.75	05/13/2019
Xylenes, Total	4.0		137	150.0	0	91.6	145.2	5.60	05/13/2019
Surr: 1,2-Dichloroethane-d4			48.3	50.00		96.5			05/13/2019
Surr: 4-Bromofluorobenzene			50.5	50.00		101.1			05/13/2019
Surr: Dibromofluoromethane			49.6	50.00		99.2			05/13/2019
Surr: Toluene-d8			48.4	50.00		96.8			05/13/2019

Client: ERM

Work Order: 19050728

Client Project: Ameren Taylorville 2nd Qtr 2019

Report Date: 16-May-2019

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

Batch 153218 **SampType:** LCS Units µg/L

SampID: LCS-T190513A-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	0.5		47.4	50.00	0	94.7	75.8	121	05/13/2019
Bromoform	2.0		51.0	50.00	0	102.0	85.5	128	05/13/2019
Ethylbenzene	2.0		47.5	50.00	0	95.1	80.7	114	05/13/2019
m,p-Xylenes	2.0		97.1	100.0	0	97.1	80.5	113	05/13/2019
Methylene chloride	10.0		44.6	50.00	0	89.1	76.2	119	05/13/2019
Naphthalene	5.0		49.7	50.00	0	99.4	76.1	129	05/13/2019
o-Xylene	2.0		48.1	50.00	0	96.3	79.7	112	05/13/2019
Toluene	2.0		47.2	50.00	0	94.4	78.3	112	05/13/2019
trans-1,2-Dichloroethene	2.0		51.0	50.00	0	102.0	73.5	124	05/13/2019
Xylenes, Total	4.0		145	150.0	0	96.8	80.2	113	05/13/2019
Surr: 1,2-Dichloroethane-d4			48.9	50.00		97.8	79.6	118	05/13/2019
Surr: 4-Bromofluorobenzene			49.8	50.00		99.6	83.9	115	05/13/2019
Surr: Dibromofluoromethane			49.7	50.00		99.3	84.9	113	05/13/2019
Surr: Toluene-d8			49.4	50.00		98.8	86.7	112	05/13/2019

Batch 153218 **SampType:** MS Units µg/L

SampID: 19050728-021BMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	0.50		51.2	50.00	0.7100	101.0	62.5	121	05/13/2019
Ethylbenzene	1.00		50.1	50.00	0	100.2	74.4	130	05/13/2019
m,p-Xylenes	1.00		47.9	50.00	0.2000	95.4	70.5	126	05/13/2019
o-Xylene	1.00		48.3	50.00	0	96.7	71.2	124	05/13/2019
Toluene	2.00		47.9	50.00	0.1200	95.6	69.5	118	05/13/2019
Xylenes, Total	2.00		96.2	100.0	0	96.2	71.1	125	05/13/2019
Surr: 1,2-Dichloroethane-d4			51.2	50.00		102.4	79.6	118	05/13/2019
Surr: 4-Bromofluorobenzene			50.4	50.00		100.8	83.9	115	05/13/2019
Surr: Dibromofluoromethane			50.8	50.00		101.6	84.9	113	05/13/2019
Surr: Toluene-d8			49.2	50.00		98.4	86.7	112	05/13/2019

Batch 153218 **SampType:** MSD Units µg/L RPD Limit 20

SampID: 19050728-021BMSD

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	0.50		46.1	50.00	0.7100	90.9	51.20	10.40	05/13/2019
Ethylbenzene	1.00		45.9	50.00	0	91.9	50.08	8.64	05/13/2019
m,p-Xylenes	1.00		44.0	50.00	0.2000	87.6	47.89	8.44	05/13/2019
o-Xylene	1.00		45.0	50.00	0	90.0	48.33	7.16	05/13/2019
Toluene	2.00		43.9	50.00	0.1200	87.5	47.94	8.89	05/13/2019
Xylenes, Total	2.00		89.0	100.0	0	89.0	96.22	7.80	05/13/2019
Surr: 1,2-Dichloroethane-d4			49.8	50.00		99.5			05/13/2019
Surr: 4-Bromofluorobenzene			50.3	50.00		100.6			05/13/2019
Surr: Dibromofluoromethane			50.3	50.00		100.5			05/13/2019
Surr: Toluene-d8			48.9	50.00		97.9			05/13/2019

Client: ERM

Work Order: 19050728

Client Project: Ameren Taylorville 2nd Qtr 2019

Report Date: 16-May-2019

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

Batch 153260 **SampType:** MBLK Units µg/L

SampID: MBLK-T190513A-2

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	0.5		ND						05/13/2019
Bromoform	2.0		ND						05/13/2019
Ethylbenzene	2.0		ND						05/13/2019
m,p-Xylenes	2.0		ND						05/13/2019
Methylene chloride	10.0		ND						05/13/2019
Naphthalene	5.0	J	0.6						05/13/2019
o-Xylene	2.0		ND						05/13/2019
Toluene	2.0		ND						05/13/2019
trans-1,2-Dichloroethene	2.0		ND						05/13/2019
Xylenes, Total	4.0		ND						05/13/2019
Surr: 1,2-Dichloroethane-d4			50.0	50.00		100.0	79.6	118	05/13/2019
Surr: 4-Bromofluorobenzene			51.0	50.00		102.1	83.9	115	05/13/2019
Surr: Dibromofluoromethane			50.1	50.00		100.1	84.9	113	05/13/2019
Surr: Toluene-d8			49.0	50.00		98.1	86.7	112	05/13/2019

Batch 153260 **SampType:** LCSD Units µg/L RPD Limit 40

SampID: LCSD-T190513A-2

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	0.5		45.6	50.00	0	91.3	44.83	1.77	05/13/2019
Bromoform	2.0		48.3	50.00	0	96.6	46.47	3.86	05/13/2019
Ethylbenzene	2.0		46.2	50.00	0	92.4	43.66	5.61	05/13/2019
m,p-Xylenes	2.0		94.2	100.0	0	94.2	88.55	6.20	05/13/2019
Methylene chloride	10.0		42.7	50.00	0	85.5	42.29	1.06	05/13/2019
Naphthalene	5.0	B	47.4	50.00	0	94.9	48.02	1.22	05/13/2019
o-Xylene	2.0		46.7	50.00	0	93.3	44.13	5.59	05/13/2019
Toluene	2.0		45.9	50.00	0	91.8	43.65	5.03	05/13/2019
trans-1,2-Dichloroethene	2.0		49.0	50.00	0	98.0	47.99	2.12	05/13/2019
Xylenes, Total	4.0		141	150.0	0	93.9	132.7	6.00	05/13/2019
Surr: 1,2-Dichloroethane-d4			47.3	50.00		94.6			05/13/2019
Surr: 4-Bromofluorobenzene			50.2	50.00		100.5			05/13/2019
Surr: Dibromofluoromethane			50.0	50.00		99.9			05/13/2019
Surr: Toluene-d8			49.6	50.00		99.1			05/13/2019

Client: ERM

Work Order: 19050728

Client Project: Ameren Taylorville 2nd Qtr 2019

Report Date: 16-May-2019

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

Batch 153260 **SampType:** LCS Units µg/L

SampID: LCS-T190513A-2

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	0.5		44.8	50.00	0	89.7	75.8	121	05/13/2019
Bromoform	2.0		46.5	50.00	0	92.9	85.5	128	05/13/2019
Ethylbenzene	2.0		43.7	50.00	0	87.3	80.7	114	05/13/2019
m,p-Xylenes	2.0		88.6	100.0	0	88.6	80.5	113	05/13/2019
Methylene chloride	10.0		42.3	50.00	0	84.6	76.2	119	05/13/2019
Naphthalene	5.0	B	48.0	50.00	0	96.0	76.1	129	05/13/2019
o-Xylene	2.0		44.1	50.00	0	88.3	79.7	112	05/13/2019
Toluene	2.0		43.6	50.00	0	87.3	78.3	112	05/13/2019
trans-1,2-Dichloroethene	2.0		48.0	50.00	0	96.0	73.5	124	05/13/2019
Xylenes, Total	4.0		133	150.0	0	88.5	80.2	113	05/13/2019
Surr: 1,2-Dichloroethane-d4			48.1	50.00		96.2	79.6	118	05/13/2019
Surr: 4-Bromofluorobenzene			51.4	50.00		102.9	83.9	115	05/13/2019
Surr: Dibromofluoromethane			50.7	50.00		101.4	84.9	113	05/13/2019
Surr: Toluene-d8			48.7	50.00		97.4	86.7	112	05/13/2019

Batch 153260 **SampType:** MS Units µg/L

SampID: 19050728-031BMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	0.50		45.4	50.00	0	90.8	62.5	121	05/14/2019
Ethylbenzene	1.00		44.1	50.00	0	88.1	74.4	130	05/14/2019
m,p-Xylenes	1.00		43.2	50.00	0	86.4	70.5	126	05/14/2019
o-Xylene	1.00		42.9	50.00	0.1100	85.6	71.2	124	05/14/2019
Toluene	2.00		42.1	50.00	0	84.3	69.5	118	05/14/2019
Xylenes, Total	2.00		86.1	100.0	0	86.1	71.1	125	05/14/2019
Surr: 1,2-Dichloroethane-d4			50.4	50.00		100.8	79.6	118	05/14/2019
Surr: 4-Bromofluorobenzene			51.3	50.00		102.7	83.9	115	05/14/2019
Surr: Dibromofluoromethane			49.5	50.00		99.0	84.9	113	05/14/2019
Surr: Toluene-d8			49.2	50.00		98.3	86.7	112	05/14/2019

Batch 153260 **SampType:** MSD Units µg/L RPD Limit 20

SampID: 19050728-031BMSD

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	0.50		44.3	50.00	0	88.5	45.41	2.54	05/14/2019
Ethylbenzene	1.00		44.5	50.00	0	88.9	44.06	0.90	05/14/2019
m,p-Xylenes	1.00		44.5	50.00	0	88.9	43.21	2.87	05/14/2019
o-Xylene	1.00		43.7	50.00	0.1100	87.2	42.93	1.85	05/14/2019
Toluene	2.00		43.4	50.00	0	86.8	42.13	2.97	05/14/2019
Xylenes, Total	2.00		88.2	100.0	0	88.2	86.14	2.36	05/14/2019
Surr: 1,2-Dichloroethane-d4			49.4	50.00		98.9			05/14/2019
Surr: 4-Bromofluorobenzene			50.6	50.00		101.2			05/14/2019
Surr: Dibromofluoromethane			49.6	50.00		99.3			05/14/2019
Surr: Toluene-d8			49.4	50.00		98.9			05/14/2019

Client: ERM

Work Order: 19050728

Client Project: Ameren Taylorville 2nd Qtr 2019

Report Date: 16-May-2019

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

Batch 153295 **SampType:** MBLK Units µg/L

SampID: MBLK-T190514A-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	0.5		ND						05/14/2019
Bromoform	2.0		ND						05/14/2019
Ethylbenzene	2.0		ND						05/14/2019
m,p-Xylenes	2.0		ND						05/14/2019
Methylene chloride	10.0		ND						05/14/2019
Naphthalene	5.0		ND						05/14/2019
o-Xylene	2.0		ND						05/14/2019
Toluene	2.0		ND						05/14/2019
trans-1,2-Dichloroethene	2.0		ND						05/14/2019
Xylenes, Total	4.0		ND						05/14/2019
Surr: 1,2-Dichloroethane-d4			50.2	50.00		100.5	79.6	118	05/14/2019
Surr: 4-Bromofluorobenzene			52.4	50.00		104.8	83.9	115	05/14/2019
Surr: Dibromofluoromethane			49.7	50.00		99.4	84.9	113	05/14/2019
Surr: Toluene-d8			49.9	50.00		99.9	86.7	112	05/14/2019

Batch 153295 **SampType:** LCSD Units µg/L RPD Limit 40

SampID: LCSD-T190514A-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	0.5		43.8	50.00	0	87.6	45.00	2.68	05/14/2019
Bromoform	2.0		47.9	50.00	0	95.8	47.12	1.64	05/14/2019
Ethylbenzene	2.0		43.6	50.00	0	87.1	44.72	2.61	05/14/2019
m,p-Xylenes	2.0		88.6	100.0	0	88.6	88.81	0.28	05/14/2019
Methylene chloride	10.0		42.1	50.00	0	84.1	42.89	1.95	05/14/2019
Naphthalene	5.0		46.0	50.00	0	92.0	47.73	3.65	05/14/2019
o-Xylene	2.0		43.9	50.00	0	87.8	45.98	4.61	05/14/2019
Toluene	2.0		43.4	50.00	0	86.8	44.35	2.19	05/14/2019
trans-1,2-Dichloroethene	2.0		46.1	50.00	0	92.2	47.38	2.72	05/14/2019
Xylenes, Total	4.0		132	150.0	0	88.3	134.8	1.74	05/14/2019
Surr: 1,2-Dichloroethane-d4			48.9	50.00		97.8			05/14/2019
Surr: 4-Bromofluorobenzene			48.7	50.00		97.3			05/14/2019
Surr: Dibromofluoromethane			50.7	50.00		101.4			05/14/2019
Surr: Toluene-d8			50.2	50.00		100.4			05/14/2019

Client: ERM

Work Order: 19050728

Client Project: Ameren Taylorville 2nd Qtr 2019

Report Date: 16-May-2019

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

Batch 153295 **SampType:** LCS Units µg/L

SampID: LCS-T190514A-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	0.5		45.0	50.00	0	90.0	75.8	121	05/14/2019
Bromoform	2.0		47.1	50.00	0	94.2	85.5	128	05/14/2019
Ethylbenzene	2.0		44.7	50.00	0	89.4	80.7	114	05/14/2019
m,p-Xylenes	2.0		88.8	100.0	0	88.8	80.5	113	05/14/2019
Methylene chloride	10.0		42.9	50.00	0	85.8	76.2	119	05/14/2019
Naphthalene	5.0		47.7	50.00	0	95.5	76.1	129	05/14/2019
o-Xylene	2.0		46.0	50.00	0	92.0	79.7	112	05/14/2019
Toluene	2.0		44.4	50.00	0	88.7	78.3	112	05/14/2019
trans-1,2-Dichloroethene	2.0		47.4	50.00	0	94.8	73.5	124	05/14/2019
Xylenes, Total	4.0		135	150.0	0	89.9	80.2	113	05/14/2019
Surr: 1,2-Dichloroethane-d4			47.9	50.00		95.9	79.6	118	05/14/2019
Surr: 4-Bromofluorobenzene			52.0	50.00		103.9	83.9	115	05/14/2019
Surr: Dibromofluoromethane			49.7	50.00		99.3	84.9	113	05/14/2019
Surr: Toluene-d8			49.2	50.00		98.4	86.7	112	05/14/2019

Batch 153295 **SampType:** MS Units µg/L

SampID: 19050728-027BMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	25.0		2980	2500	753.0	89.0	62.5	121	05/14/2019
Ethylbenzene	50.0		2420	2500	203.0	88.8	74.4	130	05/14/2019
m,p-Xylenes	50.0		2420	2500	218.5	87.9	70.5	126	05/14/2019
o-Xylene	50.0		2330	2500	141.0	87.7	71.2	124	05/14/2019
Toluene	100		2720	2500	537.0	87.1	69.5	118	05/14/2019
Xylenes, Total	100		4750	5000	359.5	87.8	71.1	125	05/14/2019
Surr: 1,2-Dichloroethane-d4			2460	2500		98.3	79.6	118	05/14/2019
Surr: 4-Bromofluorobenzene			2560	2500		102.4	83.9	115	05/14/2019
Surr: Dibromofluoromethane			2440	2500		97.7	84.9	113	05/14/2019
Surr: Toluene-d8			2500	2500		100.0	86.7	112	05/14/2019

Batch 153295 **SampType:** MSD Units µg/L RPD Limit 20

SampID: 19050728-027BMSD

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	25.0		2850	2500	753.0	83.8	2977	4.41	05/14/2019
Ethylbenzene	50.0		2330	2500	203.0	85.0	2422	3.91	05/14/2019
m,p-Xylenes	50.0		2310	2500	218.5	83.6	2417	4.57	05/14/2019
o-Xylene	50.0		2210	2500	141.0	82.9	2334	5.32	05/14/2019
Toluene	100		2580	2500	537.0	81.9	2715	4.96	05/14/2019
Xylenes, Total	100		4520	5000	359.5	83.2	4750	4.94	05/14/2019
Surr: 1,2-Dichloroethane-d4			2470	2500		98.8			05/14/2019
Surr: 4-Bromofluorobenzene			2550	2500		101.9			05/14/2019
Surr: Dibromofluoromethane			2470	2500		98.8			05/14/2019
Surr: Toluene-d8			2430	2500		97.2			05/14/2019

Client: ERM

Work Order: 19050728

Client Project: Ameren Taylorville 2nd Qtr 2019

Report Date: 16-May-2019

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

Batch 153318 **SampType:** MBLK Units µg/L

SampID: MBLK-T190515A-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	0.5		ND						05/15/2019
Bromoform	2.0		ND						05/15/2019
Ethylbenzene	2.0		ND						05/15/2019
m,p-Xylenes	2.0		ND						05/15/2019
Methylene chloride	10.0		ND						05/15/2019
Naphthalene	5.0		ND						05/15/2019
o-Xylene	2.0		ND						05/15/2019
Toluene	2.0		ND						05/15/2019
trans-1,2-Dichloroethene	2.0		ND						05/15/2019
Xylenes, Total	4.0		ND						05/15/2019
Surr: 1,2-Dichloroethane-d4			49.5	50.00		99.0	79.6	118	05/15/2019
Surr: 4-Bromofluorobenzene			52.0	50.00		103.9	83.9	115	05/15/2019
Surr: Dibromofluoromethane			49.8	50.00		99.6	84.9	113	05/15/2019
Surr: Toluene-d8			49.6	50.00		99.1	86.7	112	05/15/2019

Batch 153318 **SampType:** LCSD Units µg/L RPD Limit 40

SampID: LCSD-T190515A-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	0.5		45.2	50.00	0	90.5	42.83	5.50	05/15/2019
Bromoform	2.0		47.0	50.00	0	93.9	44.97	4.35	05/15/2019
Ethylbenzene	2.0		46.2	50.00	0	92.3	42.36	8.56	05/15/2019
m,p-Xylenes	2.0		93.0	100.0	0	93.0	84.26	9.90	05/15/2019
Methylene chloride	10.0		42.4	50.00	0	84.8	41.08	3.16	05/15/2019
Naphthalene	5.0		46.4	50.00	0	92.7	46.07	0.61	05/15/2019
o-Xylene	2.0		45.9	50.00	0	91.8	42.33	8.05	05/15/2019
Toluene	2.0		45.0	50.00	0	90.0	42.78	5.06	05/15/2019
trans-1,2-Dichloroethene	2.0		48.0	50.00	0	96.0	44.76	7.03	05/15/2019
Xylenes, Total	4.0		139	150.0	0	92.6	126.6	9.29	05/15/2019
Surr: 1,2-Dichloroethane-d4			47.7	50.00		95.4			05/15/2019
Surr: 4-Bromofluorobenzene			50.3	50.00		100.7			05/15/2019
Surr: Dibromofluoromethane			48.8	50.00		97.7			05/15/2019
Surr: Toluene-d8			50.8	50.00		101.6			05/15/2019

Client: ERM

Work Order: 19050728

Client Project: Ameren Taylorville 2nd Qtr 2019

Report Date: 16-May-2019

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

Batch 153318 **SampType:** LCS Units µg/L

SampID: LCS-T190515A-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	0.5		**42.8**	50.00	0	85.7	75.8	121	05/15/2019
Bromoform	2.0		**45.0**	50.00	0	89.9	85.5	128	05/15/2019
Ethylbenzene	2.0		**42.4**	50.00	0	84.7	80.7	114	05/15/2019
m,p-Xylenes	2.0		**84.3**	100.0	0	84.3	80.5	113	05/15/2019
Methylene chloride	10.0		**41.1**	50.00	0	82.2	76.2	119	05/15/2019
Naphthalene	5.0		**46.1**	50.00	0	92.1	76.1	129	05/15/2019
o-Xylene	2.0		**42.3**	50.00	0	84.7	79.7	112	05/15/2019
Toluene	2.0		**42.8**	50.00	0	85.6	78.3	112	05/15/2019
trans-1,2-Dichloroethene	2.0		**44.8**	50.00	0	89.5	73.5	124	05/15/2019
Xylenes, Total	4.0		**127**	150.0	0	84.4	80.2	113	05/15/2019
Surr: 1,2-Dichloroethane-d4			**47.5**	50.00		95.1	79.6	118	05/15/2019
Surr: 4-Bromofluorobenzene			**50.9**	50.00		101.7	83.9	115	05/15/2019
Surr: Dibromofluoromethane			**49.1**	50.00		98.2	84.9	113	05/15/2019
Surr: Toluene-d8			**48.8**	50.00		97.5	86.7	112	05/15/2019

Teklab, Inc.
Environmental Laboratory

Receiving Check List

http://www.teklabinc.com/

Client: ERM
Work Order: 19050728
Client Project: Ameren Taylorville 2nd Qtr 2019
Report Date: 16-May-2019

Carrier: Jordan Evans
Received By: AMD

Completed by: Elizabeth A. Hurley
On: 09-May-2019

Reviewed by: Emily Pohlman
On: 09-May-2019

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

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C	1.22
Type of thermal preservation?	None ☐	Ice ☑	Blue Ice ☐	Dry Ice	☐
Chain of custody present?	Yes ☑	No ☐			
Chain of custody signed when relinquished and received?	Yes ☑	No ☐			
Chain of custody agrees with sample labels?	Yes ☑	No ☐			
Samples in proper container/bottle?	Yes ☑	No ☐			
Sample containers intact?	Yes ☑	No ☐			
Sufficient sample volume for indicated test?	Yes ☑	No ☐			
All samples received within holding time?	Yes ☑	No ☐			
Reported field parameters measured:	Field ☐	Lab ☐	NA ☑		
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐			
When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.					
Water – at least one vial per sample has zero headspace?	Yes ☐	No ☑	No VOA vials ☐		
Water - TOX containers have zero headspace?	Yes ☐	No ☐	No TOX containers ☑		
Water - pH acceptable upon receipt?	Yes ☑	No ☐	NA ☐		
NPDES/CWA TCN interferences checked/treated in the field?	Yes ☐	No ☐	NA ☑		

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

Trip Blank collection date and time will be reported as the received date and time (end of trip). - ehurley - 5/9/2019 5:11:49 PM

Headspace was present in the GW-102D, GW-18D, GW-18S, GW-19D, and GW-15 volatile vials. - AMD/ehurley - 5/9/2019 5:11:53 PM

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CHAIN OF CUSTODY

Pg 1 of 4 Workorder # 19050728

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

Client: ERM
Address: 68 Villa Grove
City/State/Zip: Springfield,IL 62712
Contact: Brett Carney Phone: 217-529-0914
Email: brett.carney@erm.com Fax:

Samples on: [x] ICE [ ] BLUE ICE [ ] NO ICE 1.2 °C
Preserved in: [ ] LAB [ ] FIELD **FOR LAB USE ONLY**

LAB NOTES:
A present. On in all other samples. 5/9/19

Client Comments:

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

PROJECT NAME/NUMBER
Ameren Taylorville 2nd Qtr 2019

SAMPLE COLLECTOR'S NAME
Michael Abegg

RESULTS REQUESTED
[ ] Standard [ ] 1-2 Day (100% Surcharge)
[ ] Other ____ [ ] 3 Day (50% Surcharge)

BILLING INSTRUCTIONS

Lab Use Only	Sample ID	Date/Time Sampled	Matrix	UNP	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	TSP	Other	PAHs	VOCs
19050728-001	GW-102D	5/6/2019;1300	Groundwater	1				2					✓	✓
002	GW-102S	5/6/2019;1230	Groundwater	1				2					✓	✓
003	GW-101S	5/6/2019;1330	Groundwater	1				2					✓	✓
004	GW-13D	5/6/2019;1415	Groundwater	1				2					✓	✓
005	GW-13S	5/6/2019;1425	Groundwater	1				2					✓	✓
006	GW-9S	5/6/2019;1500	Groundwater	1				2					✓	✓
007	GW-9D	5/6/2019;1530	Groundwater	1				2					✓	✓
008	GW-12	5/6/2019;1640	Groundwater	1				2					✓	✓
009	GW-103S	5/6/2019;1745	Groundwater	1				2					✓	✓
010	GW-103D	5/6/2019;1730	Groundwater	1				2					✓	✓
011	GW-103S DUP	5/6/2019;1745	Groundwater	1				2					✓	✓

Courier

Relinquished By	Date/Time	Received By	Date/Time
[signature]	5/9/2019 1340	[signature]	5/9/19 1340
[signature]	5/9/19 1625	[signature]	5/9/19 1625

*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

CMM 5/9/19

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CHAIN OF CUSTODY

Pg 2 of 4 Workorder # 19050728

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

Client: ERM
Address: 68 Villa Grove
City/State/Zip: Springfield,IL 62712
Contact: Brett Carney Phone: 217-529-0914
Email: brett.carney@erm.com Fax:

Samples on: ☐ ICE ☐ BLUE ICE ☐ NO ICE _____ °C
Preserved in: ☐ LAB ☐ FIELD FOR LAB USE ONLY
LAB NOTES:

Client Comments:
MS/MSD taken at GW-16D

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

PROJECT NAME/NUMBER: Ameren Taylorville 2nd Qtr 2019
SAMPLE COLLECTOR'S NAME: Michael Abegg

RESULTS REQUESTED
☐ Standard ☐ 1-2 Day (100% Surcharge)
☐ Other _____ ☐ 3 Day (50% Surcharge)

BILLING INSTRUCTIONS

Lab Use Only	Sample ID	Date/Time Sampled	Matrix	# and Type of Containers: UNP	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	TSP	Other	INDICATE ANALYSIS REQUESTED: PAHs	VOCs
19050728-012	GW-20	5/7/2019;0810	Groundwater	1				2					✓	✓
013	GW-1	5/7/2019;0840	Groundwater	1				2					✓	✓
9mr 5/9/19 014	GW-21	5/7/2019;1030	Groundwater	1				2					✓	✓
015	GW-5	5/7/2019;1140	Groundwater	1				2					✓	✓
016	GW-18D	5/7/2019;1330	Groundwater	1				2					✓	✓
017	GW-18S	5/7/2019;1350	Groundwater	1				2					✓	✓
018	GW-19D	5/7/2019;1450	Groundwater	1				2					✓	✓
019	GW-19S	5/7/2019;1505	Groundwater	1				2					✓	✓
020	GW-16S	5/7/2019;1550	Groundwater	1				2					✓	✓
021	GW-16D	5/7/2019;1645	Groundwater	1				2					✓	✓
022	GW-16D DUP	5/7/2019;1645	Groundwater	1				2					✓	✓

Courier

Relinquished By	Date/Time	Received By	Date/Time
	5/9/2019 1340		5/9/19 1340
	5/9/19 1625		5/9/19 1625

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CHAIN OF CUSTODY

Pg 3 of 4 Workorder # 19050728

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

Client: ERM
Address: 68 Villa Grove
City/State/Zip: Springfield,IL 62712
Contact: Brett Carney Phone: 217-529-0914
Email: brett.carney@erm.com Fax:

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

Samples on: ☐ ICE ☐ BLUE ICE ☐ NO ICE _____ °C
Preserved in: ☐ LAB ☐ FIELD FOR LAB USE ONLY
LAB NOTES:

Client Comments:
MS/MSD collected @ GW-2

PROJECT NAME/NUMBER
Ameren Taylorville 2nd Qtr 2019

SAMPLE COLLECTOR'S NAME
Michael Abess

RESULTS REQUESTED
☐ Standard ☐ 1-2 Day (100% Surcharge)
☐ Other _____ ☐ 3 Day (50% Surcharge)

BILLING INSTRUCTIONS

Lab Use Only	Sample ID	Date/Time Sampled	Matrix	# and Type of Containers: UNP	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	TSP	Other	INDICATE ANALYSIS REQUESTED: PAHs	VOCs
19050728-023	GW-17	5/7/2019;1720	Groundwater	1				2					✓	✓
024	GW-14	5/8/2019;0900	Groundwater	1				2					✓	✓
025	GW-7	5/8/2019;1000	Groundwater	1				2					✓	✓
026	GW-15 *	5/8/2019;1105	Groundwater	1				2					✓	✓
027	GW-4R	5/8/2019;1115	Groundwater	1				2					✓	✓
028	GW-22D	5/8/2019;1310	Groundwater	1				2					✓	✓
029	GW-22S	5/8/2019;1325	Groundwater	1				2					✓	✓
030	GW-3	5/8/2019;1350	Groundwater	1				2					✓	✓
031	GW-2	5/8/2019;1420	Groundwater	1				2					✓	✓
032	GW-2 DUP	5/8/2019;1420	Groundwater	1				2					✓	✓
033	Trip Blank 1	4/22/2019;1400	Trip Blank					2					✓	✓

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Relinquished By	Date/Time	Received By	Date/Time
	5/9/2019 1340		5/9/19 1345
	5/9/19 1625		5/9/19 1625

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CHAIN OF CUSTODY

Pg 1 of 1 Workorder # 19050728

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

Client: ERM
Address: 68 Villa Grove
City/State/Zip: Springfield,IL 62712
Contact: Brett Carney Phone: 217-529-0914
Email: brett.carney@erm.com Fax:

Samples on: ☐ ICE ☐ BLUE ICE ☐ NO ICE _____ °C
Preserved in: ☐ LAB ☐ FIELD FOR LAB USE ONLY
LAB NOTES:

Client Comments:

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

PROJECT NAME/NUMBER
Ameren Taylorville 2nd Qtr 2019

SAMPLE COLLECTOR'S NAME
Michael Abess

RESULTS REQUESTED
☐ Standard ☐ 1-2 Day (100% Surcharge)
☐ Other _____ ☐ 3 Day (50% Surcharge)

BILLING INSTRUCTIONS

Lab Use Only	Sample ID	Date/Time Sampled	Matrix	# and Type of Containers: UNP	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	TSP	Other	INDICATE ANALYSIS REQUESTED: PAHs	VOCs
19050728-034	Trip Blank 2	4/22/2019;1400	Trip Blank					2					✓	✓
			Aqueous											
			Aqueous											
			Aqueous											
			Aqueous											
			Aqueous											
			Aqueous											
			Aqueous											
			Aqueous											
			Aqueous											
			Aqueous											

Courier

Relinquished By	Date/Time	Received By	Date/Time
	5/9/2019 1340		5/9/19 1340
	5/9/19 1625		5/9/19 1625

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ATTACHMENT B

SUMMARY OF ANALYTICAL RESULTS 2015 - 2019

GW-01 Analyte	Unit	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	Result 5/16/2017	Result 8/16/2017
Acenaphthene	mg/L	< 0.01	< 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	< 0.01
Anthracene	mg/L	< 0.0066	< 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	< 0.0001	< 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	< 0.0001	< 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	< 0.0001	< 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	< 0.00076	< 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	< 0.0001	< 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	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	---	---	---	---	---	< 0.002	0.0013 J
Chrysene	mg/L	< 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	< 0.0001	< 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	< 0.0033	< 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	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	0.00012 J
Fluorene	mg/L	< 0.0021	< 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	< 0.0001	< 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	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---	---
o-Cresol	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---	---
Naphthalene	mg/L	---	---	---	---	---	---	---	---	---	---	---	---
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	< 0.0064
Pyrene	mg/L	< 0.0027	< 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	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 2	< 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	< 4
Methylene chloride	µg/L	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	< 0.6	< 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	< 2
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

GW-01 Analyte	Unit	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	Result 11/8/2018	Result (DUP) 11/8/2018	Result 2/19/2019	Result 5/7/2019
Acenaphthene	mg/L	< 0.0001	< 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	< 0.0001	< 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	< 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)anthracene	mg/L	< 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	< 0.0001	< 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	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002
Benzo(g,h,i)perylene	mg/L	< 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(k)fluoranthene	mg/L	< 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	< 0.006	0.0017 JSR	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 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	---	---	---	---	---	---	---	---	---	---	---	---
Fluoranthene	mg/L	< 0.0001 B	< 0.0001 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	< 0.0001	< 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	< 0.0001	< 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	---	---	---	---	---	---	---	---	---	---	---	---
o-Cresol	mg/L	---	---	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/L	---	---	---	---	---	---	---	---	---	---	---	< 0.0002
Phenanthrene	mg/L	< 0.0001 B	0.000156 B	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002	< 0.0002 B	< 0.0002
Benzene	µg/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 1	< 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	< 2
Methylene chloride	µg/L	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2 B	< 2	< 2	< 2	< 2	< 2	< 2
o-Xylene	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	< 1	< 1	< 1	< 1	< 1	< 1 B	< 1	< 1	< 1	< 1	< 1	< 2

GW-02 Analyte	Unit	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	Result 5/16/2017
Acenaphthene	mg/L	0.0081 J	0.00053 J	< 0.01	0.0213	0.004 J	< 0.01	< 0.01	0.00019 J	0.0053 J	0.0089 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	0.0103
Anthracene	mg/L	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	0.0012 J
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00006 J	< 0.0001
Benzo(a)pyrene	mg/L	< 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	< 0.0001	< 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	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.00401	0.0472	0.00442	0.0021	0.0017 J	—	—	—	—	0.00229
Chrysene	mg/L	< 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	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	< 0.0021	< 0.0021	< 0.0021	0.00013 J	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	0.00022 J
Fluorene	mg/L	0.00039 J	< 0.0021	< 0.0021	0.0001 J	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	0.00099 J
Indeno(1,2,3-cd)pyrene	mg/L	< 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	0.00015 B	< 0.0001	< 0.0001	< 0.0001	< 0.0001	—	—	—	—	—
o-Cresol	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	—	—	—	—	—
Naphthalene	mg/L	—	—	—	—	—	—	—	—	—	—
Phenanthrene	mg/L	< 0.0064	< 0.0064	< 0.0064	0.00012 J	< 0.0064	0.00023 J	< 0.0064	< 0.0064	< 0.0064	0.0018 J
Pyrene	mg/L	< 0.0027	< 0.0027	< 0.0027	0.00013 J	0.00011 J	< 0.0027	< 0.0027	0.00009 J	0.00009 J	0.00029 J
Benzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 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	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	< 0.6	5.44	< 0.6	1.53	1.53	< 0.6	< 0.6	< 0.6	< 0.6	1.21
o-Xylene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

GW-02 Analyte	Unit	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	< 0.01	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	mg/L	0.00048 J	0.000323	0.000062 J	0.000791	0.000065 J	< 0.0001	< 0.0001	< 0.0001
Anthracene	mg/L	0.00057 J	0.000329	0.000348	0.000273	0.000239	0.000243	0.000134	0.000113
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000056 J	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000059 J	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	< 0.00076	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.00746	< 0.008	0.0018 J	< 0.002	0.00615	0.0108	0.00416	0.00756
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00006 J	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	< 0.0033	---	---	---	---	---	---	---
Fluoranthene	mg/L	0.00019 J	0.000118	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	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	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	---	---	---	---	---	---	---	---
o-Cresol	mg/L	---	---	---	---	---	---	---	---
Naphthalene	mg/L	---	---	---	---	---	---	0.00057	< 0.0002
Phenanthrene	mg/L	< 0.0064	< 0.0001	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.00022 J	0.000151	0.000155	0.000159	0.00012	0.00013 BJ	< 0.0002	< 0.0002
Benzene	µg/L	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	< 0.2	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	< 0.6	< 0.1	< 2	< 2	< 2	< 2	1.5 J	< 2
o-Xylene	µg/L	< 2	< 1	< 1	< 1	< 1	< 1	0.11 J	< 1
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	< 4	< 1	< 1	< 1	< 1	< 1	< 2	< 2

GW-03 Analyte	Unit	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	Result 11/15/2016	Result 2/16/2017
Acenaphthene	mg/L	< 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	0.00051 J	0.00022 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	0.0024 J	0.00084 J
Anthracene	mg/L	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	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00007 J	0.00006 J	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	< 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	< 0.0001	< 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	< 0.0001	< 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	< 0.002	0.00433	0.00502	0.0014 J	0.00248	0.0011 J	---	---	---	---	---
Chrysene	mg/L	< 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	< 0.0001	< 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	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.00062 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	0.0011 J	0.0011 J
Fluorene	mg/L	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	0.0006 J	0.0003 J
Indeno(1,2,3-cd)pyrene	mg/L	< 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	0.00016 B	0.00039	0.00015	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---
o-Cresol	mg/L	< 0.0001	0.00015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---
Naphthalene	mg/L	---	---	---	---	---	---	---	---	---	---	---
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	0.0003 J	< 0.0064
Pyrene	mg/L	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	0.0017 J	0.0017 J
Benzene	µg/L	2.34	14.4	22.8	2.16	2 J	16.8	34.6	15.7	14.5	6.65	4.52
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 10	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	0.29 J	7.44	4.89	0.46 J	0.58 J	4.46	11.6	6.24	5.39	0.76 J	0.3 J
m,p-Xylenes	µg/L	3.3 J	66.5	70	1.1 J	1.3 J	41.4	103	34.1	30.7	4.22	0.53 J
Methylene chloride	µg/L	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	1.7 B	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	50.6	216	334	20.5	20.5	302	921	439	474	195	22.2
o-Xylene	µg/L	3.62	41.4	48.1	1.8 J	2.11	45.6	95.3	36.7	33.3	9	4.12
Toluene	µg/L	0.66 J	14	8.28	0.31 J	0.37 J	7.98	20.8	7.68	6.74	0.83 J	< 2
trans-1,2-Dichloroethene	µg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 25	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	6.91	108	118	3 J	3.4 J	87	198	70.8	64.1	13.2	4.65

GW-03 Analyte	Unit	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	Result 8/14/2018	Result 11/7/2018	Result 2/20/2019	Result 5/8/2019
Acenaphthene	mg/L	0.0002 J	0.00068 J	0.00064 J	0.00027 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000624
Acenaphthylene	mg/L	0.00085 J	0.0028 J	0.0033 J	0.0015 J	0.000147	0.000072 J	0.000065 J	0.000143	0.000083 J	0.00018	0.00247
Anthracene	mg/L	< 0.0066	0.00019 J	0.00022 J	0.00016 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	0.00007 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000055 J	0.000096 J	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000072 J	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00005 J	0.000101	< 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	0.000051 J	< 0.0001	< 0.0002
Benzo(k)fluoranthene	mg/L	< 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	---	0.0018 J	0.0021	0.0107	< 0.006	0.00892	0.00306	< 0.002	0.00266	< 0.002	0.00655
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000076 J	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 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	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---	---	---	---	---	---	---
Fluoranthene	mg/L	0.001 J	0.0019 J	0.0021 J	0.00225	0.00162	0.000884	0.00109	0.00103	0.000901	0.000626	0.00089
Fluorene	mg/L	0.00035 J	0.001 J	0.0013 J	0.00059 J	0.000122	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000828
Indeno(1,2,3-cd)pyrene	mg/L	< 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	---	---	---	---	---	---	---	---	---	---	---
o-Cresol	mg/L	---	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/L	---	---	---	---	---	---	---	---	---	---	0.542
Phenanthrene	mg/L	0.00012 J	0.00082 J	0.00081 J	< 0.0064	0.000154	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.0016 J	0.00284	0.00325	0.00359	0.00279	0.00034	0.00124	0.00155	0.00118	0.000953 B	0.00155
Benzene	µg/L	4.92	18.7	20.8	4.99	0.75	< 0.5	2.55	0.16 J	0.41 J	3.71	43.9
Bromoform	µg/L	< 2	< 10	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	0.32 J	11.8	14.3	0.72 J	< 1	< 1	0.2 J	< 1	< 1	0.14 J	23.8
m,p-Xylenes	µg/L	0.55 J	51.8	63.8	2.5 J	< 1	0.3 J	2.27	< 1	0.31 J	2.65	124
Methylene chloride	µg/L	< 0.2	< 1	< 0.2	< 0.2	< 0.5	0.33 J	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	23.6	554	370	67.7	1.05	< 2	8.12	< 2	1.8 J	26.9	606
o-Xylene	µg/L	4.31	54.6	64.5	6.13	< 1	0.31 J	3.45	0.13 J	1.02	5.56	112
Toluene	µg/L	< 2	21.6	26.8	0.92 J	< 2	0.47 J	0.54 J	0.16 J	< 2	0.29 J	43.4
trans-1,2-Dichloroethene	µg/L	< 5	< 25	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	4.86	106	128	8.6	< 1	0.61 J	5.72	< 1	1.33	8.21	237

GW-04 Analyte	Unit	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	Result 8/17/2017
Acenaphthene	mg/L	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	0.00789
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	0.00633
Anthracene	mg/L	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	0.0013 J
Benzo(a)anthracene	mg/L	0.00022	0.00014	0.00024	0.00013	0.00016	0.0001 J	0.00012	0.00016	0.00017	0.000121	0.000164
Benzo(a)pyrene	mg/L	< 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	0.00012	0.00012	0.00025	< 0.0001	0.0001	0.00011	< 0.0001	0.00014	0.00012	< 0.0001	0.00011
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	< 0.0001	< 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	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	—	---	---	---	< 0.002	0.0017 J
Chrysene	mg/L	0.00031	0.0004	0.00084	0.00016	0.0003	0.00022	0.0002	0.00048	0.00028	0.000207	0.000288
Dibenzo(a,h)anthracene	mg/L	< 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	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	0.0018 J	0.00242	0.00402	0.0018 J	0.00261	0.0018 J	0.00228	0.00357	0.00237	0.0018 J	0.00404
Fluorene	mg/L	0.02	0.0239	0.0461	0.035	0.0396	0.0384	0.0467	0.0559	0.0447	0.0294	0.0513
Indeno(1,2,3-cd)pyrene	mg/L	< 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	0.00325	0.012	0.0111	0.00118	0.00569	---	---	---	---	---	---
o-Cresol	mg/L	0.0244	0.0241	0.0149	0.00553	0.013	---	---	---	---	---	---
Naphthalene	mg/L	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	0.0157	0.023	0.0338	0.0271	0.0197	0.0236	0.0283	0.0442	0.0313	0.0198	0.0453
Pyrene	mg/L	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	0.0021 J
Benzene	µg/L	1270	1380	400	947	526	1110	547	519	1680	1750	599
Bromoform	µg/L	< 20	< 20	< 20	< 20	< 20	< 40	< 40	< 2	< 100	< 100	< 100
Ethylbenzene	µg/L	137	148	122	156	154	191	139	169	200	260	145
m,p-Xylenes	µg/L	75.7	101	68.9	79.3	81	144	108	124	200 J	170 J	140 J
Methylene chloride	µg/L	< 2	2.6	2.2	< 2	3.2	33.8 B	7.2	0.2	< 10	< 10	< 10
Naphthalene	µg/L	1350	1500	3140	2050	2480	2330	3390	2240	1960	2120	2220
o-Xylene	µg/L	125	130	122	131	132	139	122	147	169	183	131
Toluene	µg/L	138	191	131	219	165	518	301	249	553	316	284
trans-1,2-Dichloroethene	µg/L	< 50	< 50	< 50	< 50	< 50	< 100	< 100	< 5	< 250	< 250	< 250
Xylenes, Total	µg/L	200	231	191	210	213	282	230	271	368	352	276

GW-04 Analyte	Unit	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
Acenaphthene	mg/L	0.00727	0.00737	0.0077	0.0139	0.0109	0.0108	0.0252	0.0165
Acenaphthylene	mg/L	0.00302	0.00178	0.00337	0.00913	0.0047	0.00445	0.0073 J	0.00597
Anthracene	mg/L	0.000558	0.000714	0.000411	0.00108	< 0.0025	0.0018 J	0.00106	0.000475
Benzo(a)anthracene	mg/L	0.00017	0.00022	0.000117	0.00018	< 0.0025	< 0.0025	0.000147	0.000108
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0025	< 0.0025	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	0.000168	0.000215	0.000106	0.000162	< 0.0025	< 0.0025	0.000164	0.000087 J
Benzo(g,h,i)perylene	mg/L	< 0.0001	0.000071 J	< 0.0001	0.000052 J	< 0.0025	< 0.0025	0.00005 J	< 0.0002
Benzo(k)fluoranthene	mg/L	< 0.0001	0.00006 J	< 0.0001	< 0.0001	< 0.0025	< 0.0025	0.000052 J	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	< 0.006	< 0.002	< 0.002	< 0.002	< 0.05	< 0.05	< 0.002	< 0.002
Chrysene	mg/L	0.000515	0.000732	0.000384	0.000554	< 0.0025	< 0.0025	0.000419	0.000317
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0025	< 0.0025	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	---	---	---	---	---	---	---	---
Fluoranthene	mg/L	0.00385	0.00305	0.00337	0.00392	< 0.005	< 0.005	0.00308	0.00283
Fluorene	mg/L	0.039	0.0466	0.0374	0.0644	0.0505	0.0507	0.0837	0.0519
Indeno(1,2,3-cd)pyrene	mg/L	0.000106	0.00008 J	< 0.0001	0.000084 J	< 0.0025	< 0.0025	< 0.0001	< 0.0001
m,p-Cresol	mg/L	---	---	---	---	---	---	---	---
o-Cresol	mg/L	---	---	---	---	---	---	---	---
Naphthalene	mg/L	---	---	---	---	---	---	---	1.14
Phenanthrene	mg/L	0.0398	0.0247	0.0355	0.0513	0.0447	0.045	0.0734	0.0406
Pyrene	mg/L	0.00181	0.00156	0.00168	0.00187	< 0.005	< 0.005	0.0014 B	0.00128
Benzene	µg/L	565	355	979	630	958	871	1300	753
Bromoform	µg/L	< 100	< 20	< 20	< 40	< 200	< 200	< 2	< 2
Ethylbenzene	µg/L	128	70.9	103	132	182	177	223	203
m,p-Xylenes	µg/L	102	64.8	110	146	173	155	276	247
Methylene chloride	µg/L	50.5	< 5	< 20	< 40	< 200	< 200	< 2	< 2
Naphthalene	µg/L	1790	1440	2670 E	3970	3680	3690	4580	4190
o-Xylene	µg/L	104	59.7	94.5	132	151	139	185	167
Toluene	µg/L	264	140	316	267	297	281	728	537
trans-1,2-Dichloroethene	µg/L	< 100	< 20	< 20	< 40	< 200	< 200	< 2	< 2
Xylenes, Total	µg/L	206	124	205	278	324	294	461	414

GW-05 Analyte	Unit	Result 3/4/2015	Result 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	Result (DUP) 8/18/2016	Result 11/16/2016
Acenaphthene	mg/L	< 0.01	< 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	< 0.01
Anthracene	mg/L	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066 S	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	< 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	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 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	< 0.00076
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.0195	0.00664	0.0163	0.0089	0.00718	0.00763	0.00558	0.00351	---	---	---	---
Chrysene	mg/L	< 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	< 0.0001	< 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	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033 S	< 0.0033	< 0.0033
Fluoranthene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021 S	< 0.0021	< 0.0021
Fluorene	mg/L	< 0.0021	< 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	< 0.0001	< 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	< 0.0001 B	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---
o-Cresol	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---
Naphthalene	mg/L	---	---	---	---	---	---	---	---	---	---	---	---
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	< 0.0064	< 0.0064
Pyrene	mg/L	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027 S	< 0.0027	< 0.0027
Benzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 2	< 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	< 4
Methylene chloride	µg/L	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	< 0.2
Naphthalene	µg/L	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	6.55	< 0.6	< 0.6	< 0.6	< 0.6
o-Xylene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

GW-05 Analyte	Unit	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	Result 8/13/2018	Result 11/7/2018	Result 2/20/2019	Result 5/7/2019
Acenaphthene	mg/L	< 0.01	< 0.01	< 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	< 0.01	< 0.01	< 0.0001	< 0.0001	< 0.0001	0.00008 J	< 0.0001	0.000051 J	< 0.0001
Anthracene	mg/L	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000094 J	< 0.0001	0.000197	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000079 J	< 0.0001	0.000097 J	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000066 J	< 0.0001	0.000206	< 0.0001
Benzo(g,h,i)perylene	mg/L	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0001	< 0.0001	0.000045 J	< 0.0001	0.000084 J	< 0.0002
Benzo(k)fluoranthene	mg/L	< 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	---	---	0.00861	0.011	0.013	0.00907	0.0218	0.0122	0.00256	0.00287	0.0049	0.0103
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000062 J	< 0.0001	0.000268	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 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	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---	---	---	---	---	---	---
Fluoranthene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	0.0001 J	< 0.0001 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	0.000204	< 0.0002
Fluorene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000141	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.000088 J	< 0.0001
m,p-Cresol	mg/L	---	---	---	---	---	---	---	---	---	---	---	---
o-Cresol	mg/L	---	---	---	---	---	---	---	---	---	---	---	---
Naphthalene	mg/L	---	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	0.00013 B	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001	< 0.0002	0.00017 BJ	< 0.0002
Benzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.41 J	< 0.5
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	0.31 J	< 1
m,p-Xylenes	µg/L	< 4	< 4	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	0.35 J	< 1
Methylene chloride	µg/L	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.0001	< 2	< 2	0.81 J	< 2	35.9	< 2
o-Xylene	µg/L	< 2	< 2	< 2	< 2	< 2	< 1	< 1	< 1	< 1	< 1	0.23 J	< 1
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	0.4 J	< 2
trans-1,2-Dichloroethene	µg/L	< 5	< 5	< 5	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	< 4	< 4	< 4	< 4	< 4	< 1	< 1	< 1	< 1	< 1	0.58 J	< 2

GW-07 Analyte	Unit	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	Result 11/15/2016	Result 2/15/2017
Acenaphthene	mg/L	< 0.01	< 0.00263	< 0.01	< 0.01	< 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	< 0.01	0.00011 J
Anthracene	mg/L	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	0.00063 J	0.00078 J
Benzo(a)anthracene	mg/L	0.0002	0.00026	0.00019	0.0002	0.00018	0.00018	0.00018	0.00015	0.00007 J	0.00015	0.00019
Benzo(a)pyrene	mg/L	< 0.0001	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.00026	< 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	< 0.00026	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.00224	0.0102	0.00429	0.00232	0.00315	0.00209	0.0013 J	—	—	—	—
Chrysene	mg/L	0.0001	< 0.00026	< 0.0001	0.0001	< 0.0001	0.00009 J	< 0.0001	0.00008 J	< 0.0001	0.00008 J	0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	< 0.0033	< 0.00263	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	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	0.00075 J	0.001 J
Fluorene	mg/L	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	0.0002 J	0.0002 J
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.00026	< 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	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	—	—	—	—
o-Cresol	mg/L	< 0.0001	< 0.00026	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	—	—	—	—
Naphthalene	mg/L	—	—	—	—	—	—	—	—	—	—	—
Phenanthrene	mg/L	0.00014 J	< 0.00263	< 0.0064	< 0.0064	0.00013 J	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	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	0.0011 J	0.0014 J
Benzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 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	0.24	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	1.47	< 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	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

GW-07 Analyte	Unit	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	Result 5/8/2019
Acenaphthene	mg/L	< 0.01	0.00013 J	< 0.0001	0.000144	< 0.0001	0.000137	0.000149	0.000111	0.000136
Acenaphthylene	mg/L	0.00019 J	0.00019 J	0.000229	0.00034	0.000244	0.000282	0.00027	0.000266	0.000253
Anthracene	mg/L	0.00091 J	0.0012 J	0.00179	0.00308	0.00198	0.00215	0.00164	0.00218	0.00186
Benzo(a)anthracene	mg/L	0.0002	0.000188	0.000192	0.000301	0.000203	0.000195	0.000224	0.0002	0.000225
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 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	< 0.0002
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.015	0.0149	< 0.006	0.00692	0.00796	0.0131	0.00353	0.00667	0.0019 J
Chrysene	mg/L	0.000148	0.000159	0.000144	0.000222	0.000133	0.000153	0.000135	0.000147	0.000145
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	< 0.0033	< 0.0033	---	---	---	0.00258	---	---	---
Fluoranthene	mg/L	0.0013 J	0.0016 J	0.00199	0.0032	0.00228	0.00039	0.00204	0.0022	0.00214
Fluorene	mg/L	0.00036 J	0.00033 J	0.000376	0.000595	0.000427	< 0.0001	0.000353	0.000397	0.000457
Indeno(1,2,3-cd)pyrene	mg/L	< 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	---	---	---	---	---	---	---	---	---
Naphthalene	mg/L	---	---	---	---	---	---	---	---	< 0.0002
Phenanthrene	mg/L	< 0.0064	< 0.0064	0.000233	0.000096 J	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	0.0018 J	0.0021 J	0.00259	0.00466	0.00336	0.00371	0.00281	0.00297 B	0.00312
Benzene	µg/L	< 2	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.12 J	< 0.5
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 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	< 0.2	< 0.2	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	< 0.6	< 0.6	< 2	< 2	< 2	< 2	< 2	6.88	< 2 B
o-Xylene	µg/L	< 2	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	0.12 J	< 2
trans-1,2-Dichloroethene	µg/L	< 5	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	< 4	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 2

GW-9S Analyte	Unit	Result 5/14/2015	Result 5/24/2016	Result 5/17/2017	Result 5/9/2018	Result 5/6/2019
Acenaphthene	mg/L	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001
Acenaphthylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001
Anthracene	mg/L	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0002
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	< 0.002	---	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	< 0.0033	< 0.0033	< 0.0033	---	---
Fluoranthene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002
Fluorene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	< 0.0001	---	---	---	---
o-Cresol	mg/L	< 0.0001	---	---	---	---
Naphthalene	mg/L	---	---	---	---	< 0.0002
Phenanthrene	mg/L	< 0.0064	< 0.0064	< 2	< 0.0004	< 0.0004
Pyrene	mg/L	< 0.0027	< 0.0027	< 2	< 0.0001	< 0.0002
Benzene	µg/L	< 2	< 2	< 2	< 0.5	< 0.5
Bromoform	µg/L	< 2	< 2	< 4	< 2	< 2
Ethylbenzene	µg/L	< 2	< 2	< 0.2	< 1	< 1
m,p-Xylenes	µg/L	< 4	< 4	< 0.6	< 1	< 1
Methylene chloride	µg/L	< 0.2	0.85 B	< 2	< 2	< 2
Naphthalene	µg/L	< 0.6	< 0.6	< 2	< 2 B	< 2
o-Xylene	µg/L	< 2	< 2	< 5	< 1	< 1
Toluene	µg/L	< 2	< 2	< 4	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 5	< 5	< 5	< 2	< 2
Xylenes, Total	µg/L	< 4	< 4	< 4	< 1 B	< 2

GW-9D Analyte	Unit	Result 5/14/2015	Result 5/24/2016	Result 5/17/2017	Result 5/9/2018	Result 5/6/2019
Acenaphthene	mg/L	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001
Acenaphthylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001
Anthracene	mg/L	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	< 0.00076	< 0.00076	< 0.00076	< 0.0001	< 0.0002
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	< 0.002	---	**0.00291**	< 0.002	< 0.002
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	< 0.0033	< 0.0033	< 0.0033	---	---
Fluoranthene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002
Fluorene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	< 0.0001	---	---	---	---
o-Cresol	mg/L	< 0.0001	---	---	---	---
Naphthalene	mg/L	---	---	---	---	< 0.0002
Phenanthrene	mg/L	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004
Pyrene	mg/L	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002
Benzene	µg/L	< 2	< 2	< 2	< 0.5	< 0.5
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 2	< 2	< 2	< 1	< 1
m,p-Xylenes	µg/L	< 4	< 4	< 4	< 1	< 1
Methylene chloride	µg/L	< 0.2	**0.21** B	< 0.2	< 2	< 2
Naphthalene	µg/L	< 0.6	< 0.6	< 0.6	< 2 B	< 2
o-Xylene	µg/L	< 2	< 2	< 2	< 1	< 1
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 5	< 5	< 5	< 2	< 2
Xylenes, Total	µg/L	< 4	< 4	< 4	< 4	< 2

GW-11 Analyte	Unit	Result 5/13/2015	Result 5/26/2016	Result 5/17/2017	Well Destroyed
Acenaphthene	mg/L	< 0.01	< 0.01	< 0.01	
Acenaphthylene	mg/L	< 0.01	< 0.01	< 0.01	
Anthracene	mg/L	< 0.0066	< 0.0066	< 0.0066	
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	
Benzo(g,h,i)perylene	mg/L	< 0.00076	< 0.00076	< 0.00076	
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	
Bis(2-ethylhexyl)phthalate	mg/L	< 0.002	---	< 0.002	
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.0001	
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	
Di-n-butyl phthalate	mg/L	< 0.0033	< 0.0033	< 0.0033	
Fluoranthene	mg/L	< 0.0021	< 0.0021	< 0.0021	
Fluorene	mg/L	< 0.0021	< 0.0021	< 0.0021	
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	
m,p-Cresol	mg/L	< 0.0001	---	---	
o-Cresol	mg/L	< 0.0001	---	---	
Phenanthrene	mg/L	< 0.0064	< 0.0064	< 0.0064	
Pyrene	mg/L	< 0.0027	< 0.0027	< 0.0027	
Benzene	µg/L	< 2	< 2	< 2	
Bromoform	µg/L	< 2	< 2	< 2	
Ethylbenzene	µg/L	< 2	< 2	< 2	
m,p-Xylenes	µg/L	< 4	< 4	< 4	
Methylene chloride	µg/L	< 0.2	< 0.2 B	< 0.2	
Naphthalene	µg/L	< 0.6	< 0.6	< 0.6	
o-Xylene	µg/L	< 2	< 2	< 2	
Toluene	µg/L	< 2	< 2	< 2	
trans-1,2-Dichloroethene	µg/L	< 5	< 5	< 5	
Xylenes, Total	µg/L	< 4	< 4	< 4	

GW-12 Analyte	Unit	Result 5/13/2015	Result 5/26/2016	Result 5/17/2017	Result 5/10/2018	Result 5/6/2019
Acenaphthene	mg/L	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001
Acenaphthylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001
Anthracene	mg/L	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000055 J**
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000056 J**
Benzo(g,h,i)perylene	mg/L	< 0.00076	< 0.00076	< 0.00076	**0.000043 J**	< 0.0002
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	< 0.002	---	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	**0.000044 J**
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	< 0.0033	< 0.0033	< 0.0033	---	---
Fluoranthene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002
Fluorene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	< 0.0001	---	---	---	---
o-Cresol	mg/L	< 0.0001	---	---	---	---
Naphthalene	mg/L	---	---	---	---	< 0.0002
Phenanthrene	mg/L	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004
Pyrene	mg/L	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002
Benzene	µg/L	< 2	< 2	< 2	< 0.5	< 0.5
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 2	< 2	< 2	< 1	< 1
m,p-Xylenes	µg/L	< 4	< 4	< 4	< 1	< 1
Methylene chloride	µg/L	< 0.2	< 0.2 B	< 0.2	< 2	< 2
Naphthalene	µg/L	< 0.6	< 0.6	< 0.6	< 2 B	< 2
o-Xylene	µg/L	< 2	< 2	< 2	< 1	< 1
Toluene	µg/L	< 2	**0.25 J**	< 2	**0.18 J**	< 2
trans-1,2-Dichloroethene	µg/L	< 5	< 5	< 5	< 2	< 2
Xylenes, Total	µg/L	< 4	< 4	< 4	< 1 B	< 2

GW-13S Analyte	Unit	Result 5/14/2015	Result 5/26/2016	Result 5/18/2017	Result 5/9/2018	Result 5/6/2019
Acenaphthene	mg/L	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001
Acenaphthylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001
Anthracene	mg/L	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	< 0.0001	0.00012	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001	0.00024	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	0.00036	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	< 0.00076	0.00056 J	< 0.00076	< 0.0001	< 0.0002
Benzo(k)fluoranthene	mg/L	< 0.0001	0.0003	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	< 0.002	---	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	< 0.0001	0.00009 J	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	0.00052	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	< 0.0033	< 0.0033	< 0.0033	---	---
Fluoranthene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002
Fluorene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	0.00053	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	< 0.0001	---	---	---	---
o-Cresol	mg/L	< 0.0001	---	---	---	---
Naphthalene	mg/L	---	---	---	---	< 0.0002
Phenanthrene	mg/L	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004
Pyrene	mg/L	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002
Benzene	µg/L	< 2	< 2	< 2	< 0.5	< 0.5
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 2	< 2	< 2	< 1	< 1
m,p-Xylenes	µg/L	< 4	< 4	< 4	< 1	< 1
Methylene chloride	µg/L	< 0.2	< 0.2 B	< 0.2	< 2	< 2
Naphthalene	µg/L	< 0.6	< 0.6	< 0.6	< 2 B	< 2
o-Xylene	µg/L	< 2	< 2	< 2	< 1	< 1
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 5	< 5	< 5	< 2	< 2
Xylenes, Total	µg/L	< 4	< 4	< 4	< 1 B	< 2

GW-13D Analyte	Unit	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
Acenaphthene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001
Acenaphthylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001	< 0.0001
Anthracene	mg/L	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	0.00011	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	0.00024	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	0.00035	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	< 0.00076	< 0.00076	0.00061 J	< 0.00076	< 0.0001	< 0.0002
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	0.00029	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	< 0.002	< 0.002	---	< 0.002	< 0.002	< 0.002
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	0.0006	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	< 0.0033	< 0.0033	< 0.0033	0.0033	---	---
Fluoranthene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0002	< 0.0002
Fluorene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	0.00059	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	< 0.0001	< 0.0001	---	---	---	---
o-Cresol	mg/L	< 0.0001	< 0.0001	---	---	---	---
Naphthalene	mg/L	---	---	---	---	---	< 0.0002
Phenanthrene	mg/L	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0004	< 0.0004
Pyrene	mg/L	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0001	< 0.0002
Benzene	µg/L	< 2	< 2	< 2	< 2	< 0.5	< 0.5
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 2	< 2	< 2	< 2	< 1	< 1
m,p-Xylenes	µg/L	< 4	< 4	< 4	< 4	< 1	< 1
Methylene chloride	µg/L	0.25	0.22	< 0.2 B	< 0.2	< 2	< 2
Naphthalene	µg/L	< 0.6	< 0.6	< 0.6	< 0.6	< 2 B	< 2
o-Xylene	µg/L	< 2	< 2	< 2	< 2	< 1	< 1
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 5	< 5	< 5	< 5	< 2	< 2
Xylenes, Total	µg/L	< 4	< 4	< 4	< 4	< 1 B	< 2

GW-14 Analyte	Unit	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	Result 8/16/2017
Acenaphthene	mg/L	< 0.01	< 0.01	< 0.00227	< 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	< 0.00227	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	< 0.0066	< 0.0066	< 0.00227	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.00023	< 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	< 0.00023	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.0018 J	0.00214	0.00952	0.00738	0.00818	0.0154	---	---	---	---	0.0316	0.00962
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	< 0.0033	< 0.0033	< 0.00227	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	< 0.0021	< 0.0021	< 0.00023	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	0.000095
Fluorene	mg/L	< 0.0021	< 0.0021	< 0.00023	< 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	< 0.0001	< 0.0001	< 0.00023	< 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	0.00014	< 0.00023	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---
o-Cresol	mg/L	< 0.0001	< 0.0001	< 0.00023	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---
Naphthalene	mg/L	---	---	---	---	---	---	---	---	---	---	---	---
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	< 0.0064
Pyrene	mg/L	< 0.0027	< 0.0027	< 0.00227	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 2	< 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	< 4
Methylene chloride	µg/L	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	0.22	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	< 0.6	< 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	< 2
Toluene	µg/L	< 2	< 2	< 2	< 2	0.26 J	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

GW-14 Analyte	Unit	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
Acenaphthene	mg/L	< 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	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0002 -
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	< 0.006	0.0094	0.00367	0.0173	0.0126	< 0.002	< 0.002
Chrysene	mg/L	< 0.0001	0.000031 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	---	---	---	---	---	---	---
Fluoranthene	mg/L	< 0.0001 B	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	---	---	---	---	---	---	---
o-Cresol	mg/L	---	---	---	---	---	---	---
Naphthalene	mg/L	---	---	---	---	---	---	< 0.0002
Phenanthrene	mg/L	0.000182 B	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	< 0.0001 B	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002 B	< 0.0002
Benzene	µg/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	< 0.5	0.2 J	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	< 0.1	< 2	1.4 J	< 2	< 2	2.89	< 2 B
o-Xylene	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	< 1	< 1	< 1	< 1	< 1	< 1	< 2

GW-15 Analyte	Unit	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	Result 2/15/2017	Result 5/16/2017
Acenaphthene	mg/L	< 0.01	< 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 S	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Anthracene	mg/L	< 0.0066	< 0.0066 S	< 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	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00006 J	0.00006 J	0.00006 J	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001 S	< 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	< 0.0001	< 0.0001 S	< 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 S	< 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	< 0.0001	< 0.0001 S	< 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	0.0012 J	0.00365 SR	0.00612	0.00583	0.00277	0.0025	---	---	---	---	---	0.00335
Chrysene	mg/L	< 0.0001	< 0.0001 S	< 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	< 0.0001	< 0.0001 S	< 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	< 0.0033	< 0.0033 S	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033
Fluoranthene	mg/L	< 0.0021	< 0.0021 S	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021
Fluorene	mg/L	< 0.0021	< 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	< 0.0001	< 0.0001 S	< 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	0.00016	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---
o-Cresol	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---
Naphthalene	mg/L	---	---	---	---	---	---	---	---	---	---	---	---
Phenanthrene	mg/L	< 0.0064	< 0.0064 S	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064
Pyrene	mg/L	< 0.0027	< 0.0027 S	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027
Benzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 2	< 2	< 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	< 4	< 4
Methylene chloride	µg/L	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.22 B	< 0.2 B	< 0.2	< 0.2	< 0.2	< 0.2
Naphthalene	µg/L	< 0.6	< 0.6	2.6	< 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	< 2
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Xylenes, Total	µg/L	< 4	< 4	0.38 J	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4

GW-15 Analyte	Unit	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	Result 5/8/2019
Acenaphthene	mg/L	< 0.01	< 0.0001	< 0.0001	0.000064 J	0.000053 J	< 0.0001	< 0.0001 S	0.000055 J	< 0.0001
Acenaphthylene	mg/L	< 0.01	< 0.0001	0.000053 J	0.000076 J	0.000063 J	< 0.0001	0.000063 JS	0.000069 J	< 0.0001
Anthracene	mg/L	< 0.0066	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	0.000052 J	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001 S	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001 S	< 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 S	< 0.0001	< 0.0002
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.00567	< 0.006	0.0111	0.00563	0.0109	0.00274 SR	0.0039	0.00327	0.014
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 S	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	< 0.0033	---	---	---	---	---	---	---	---
Fluoranthene	mg/L	0.00012 J	< 0.0001	< 0.0002	< 0.0002	< 0.0002	0.00015 J	< 0.0002 S	< 0.0002	< 0.0002
Fluorene	mg/L	0.000095 J	0.0001	0.000072 J	0.00011	0.000101	< 0.0001	< 0.0001 S	0.0001 J	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 R	< 0.0001 S	< 0.0001	< 0.0001
m,p-Cresol	mg/L	---	---	---	---	---	---	---	---	---
o-Cresol	mg/L	---	---	---	---	---	---	---	---	---
Naphthalene	mg/L	---	---	---	---	---	---	---	---	< 0.0002
Phenanthrene	mg/L	< 0.0064	0.000119	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004 S	< 0.0004	< 0.0004
Pyrene	mg/L	0.0001 J	< 0.0001	0.000066 J	< 0.0001	< 0.0001	0.000143	< 0.0002 S	0.00011 BJ	< 0.0002
Benzene	µg/L	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	< 4	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	< 0.2	< 0.5	< 0.5	< 2	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	0.9	< 2	< 2	0.8 J	< 2 B	< 2	< 2	1.7 J	< 2
o-Xylene	µg/L	< 2	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 5	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	< 4	< 1	< 1	< 1	< 1 B	< 1	< 1	< 1	< 2

GW-16S Analyte	Unit	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	Result 11/20/2017
Acenaphthene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001
Acenaphthylene	mg/L	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.0001
Anthracene	mg/L	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0001
Benzo(a)anthracene	mg/L	< 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	< 0.0001	< 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	< 0.0001	< 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	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.0001
Benzo(k)fluoranthene	mg/L	< 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	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	---	---	---	---	0.00264	0.00446	< 0.006
Chrysene	mg/L	< 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	< 0.0001	< 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	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	< 0.0033	---
Fluoranthene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001 B
Fluorene	mg/L	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	< 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	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---	---
o-Cresol	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	---	---	---	---	---	---	---
Naphthalene	mg/L	---	---	---	---	---	---	---	---	---	---	---	---
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	0.000133 B
Pyrene	mg/L	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0001 B
Benzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 0.5
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1
m,p-Xylenes	µg/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 1
Methylene chloride	µg/L	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2 B	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.5
Naphthalene	µg/L	< 0.6	< 0.6	0.62	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.1
o-Xylene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 1
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 2
Xylenes, Total	µg/L	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 1

GW-16S Analyte	Unit	Result 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	< 0.0001	< 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	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	mg/L	< 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	< 0.0002
Benzo(k)fluoranthene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Bis(2-ethylhexyl)phthalate	mg/L	0.0446	0.0293	0.0142	< 0.002	0.00774	0.00353
Chrysene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Di-n-butyl phthalate	mg/L	---	---	---	---	---	---
Fluoranthene	mg/L	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Fluorene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
m,p-Cresol	mg/L	---	---	---	---	---	---
o-Cresol	mg/L	---	---	---	---	---	---
Naphthalene	mg/L	---	---	---	---	---	< 0.0002
Phenanthrene	mg/L	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004	< 0.0004
Pyrene	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0002	< 0.0002 B	< 0.0002
Benzene	µg/L	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Bromoform	µg/L	< 2	< 2	< 2	< 2	< 2	< 2
Ethylbenzene	µg/L	< 1	< 1	< 1	< 1	< 1	< 1
m,p-Xylenes	µg/L	< 1	< 1	< 1	< 1	< 1	< 1
Methylene chloride	µg/L	0.34 J	< 2	< 2	< 2	< 2	< 2
Naphthalene	µg/L	< 2	0.7 J	< 2	< 2	< 2	< 2 B
o-Xylene	µg/L	< 1	< 1	< 1	< 1	< 1	< 1
Toluene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2
trans-1,2-Dichloroethene	µg/L	< 2	< 2	< 2	< 2	< 2	< 2
Xylenes, Total	µg/L	< 1	< 1	< 1	< 1	< 1	< 2