



July 16, 2018

Mr. Todd Hall
Voluntary Site Remediation Unit B
Remedial Project Management Section
Division of Remediation Management
1021 North Grand Ave East
P.O. Box 19276
Springfield, IL 62794-9276

Dear Mr. Hall:

**Subject: Groundwater Monitoring Update – Quarter 4, 2017 Sampling Event
Champaign Former MGP Site, Champaign, Illinois**

On behalf of Ameren Illinois, PSC Industrial Outsourcing, LP (PSC) has completed the fourth quarter 2017 groundwater sampling event at the Champaign Former Manufactured Gas Plant (FMGP) Site. The Site is located at 308 N. 5th Street in Champaign, Illinois. This report discusses the analytical results of the quarterly groundwater monitoring event conducted in December 2017.

INTRODUCTION

The fourth quarter groundwater monitoring event of 2017 was conducted from December 4 through 8. During the December sampling event, samples were collected from 27 groundwater monitoring wells – the seven on-site wells and 20 of the 21 off-site wells. Groundwater did not sufficiently recharge during well purging in monitoring well UMW-122 to permit collection of a groundwater sample.

The groundwater samples were delivered to Teklab, Inc. (Teklab) in Collinsville, Illinois for analysis. Samples were analyzed for the following MGP-related compounds: the volatile organic compounds benzene, toluene, ethylbenzene, and total xylenes (BTEX); polynuclear aromatic hydrocarbons (PAHs); and total cyanide (cyanide).

Groundwater level measurement data for the fourth quarter 2017 sampling event is provided in Table 1 of Attachment 1. Information on the table includes water depth below each well's measuring point (MP), calculated groundwater elevation, and the amount of purged water removed prior to sampling. Groundwater elevation contour maps for the shallow monitoring zone (i.e., water table) and the intermediate depth unit are provided on Figures 1 and 2 of Attachment 1, respectively. Groundwater monitoring results for constituents exceeding Illinois Environmental Protection Agency (IEPA) groundwater standards are shown on Figure 3 of Attachment 1. Groundwater data from March 2016 through December 2017 are provided in Attachment 2. The groundwater sample analytical results (Table 2) and laboratory analytical report from Teklab are provided in Attachment 3. Field duplicates were collected from shallow well UMW-107R and intermediate well UMW-302, with the duplicates identified as UMW-907 and UMW-902, respectively, on the laboratory analytical report.

GROUNDWATER MONITORING RESULTS

Groundwater Levels

Groundwater levels in the shallow monitoring wells at the Champaign FMGP Site in December 2017 (Table 1, Attachment 1) ranged from 2.16 to 14.04 feet below land surface (BLS). The shallowest groundwater levels occurred on-site, with water levels ranging from 2.16 to 4.23 feet BLS.

As shown on Figure 1, the shallow groundwater flows from the FMGP Site in a radial pattern towards the north, south, and west. This groundwater flow pattern, controlled principally by topographic elevation, is consistent with past groundwater-level surveys conducted prior to remediation of the Site. The shallow horizontal groundwater gradient from the Site during December 2017 ranged from 0.1 to 0.004 foot per foot (ft/ft).

Groundwater levels in the intermediate depth monitoring wells, which monitor the intermediate groundwater unit, ranged from 27.21 to 29.77 feet BLS. As shown on Figure 2, the intermediate groundwater flow direction is towards the southeast, with horizontal hydraulic gradients beneath the Site ranging from approximately 0.025 to 0.005 ft/ft.

Groundwater Quality Data

Figure 3 (Attachment 1) summarizes those wells and constituents which exceeded at least one Class I or Class II groundwater standard (i.e., remediation objective) based on the December 2017 groundwater sampling event. The shallow groundwater unit is classified as Class II, and the intermediate groundwater unit is classified as Class I groundwater. Three of the 27 monitoring wells sampled in the fourth quarter of 2017 had at least one MGP-related constituent exceeding a Class I or II standard. Sample results for on-site shallow wells UMW-124 and UMW-125 had benzene concentrations that exceeded Class II standards. Sample results for intermediate depth well UMW-302 and its duplicate had benzene and naphthalene concentrations that exceeded Class I groundwater standards. None of the sample results for the remaining 16 shallow or eight intermediate depth monitoring wells within or surrounding the FMGP Site had concentrations of cyanide, BTEX, or PAH compounds that exceeded applicable groundwater standards in the December 2017 event.

Cyanide was detected in some of the samples from the December 2017 groundwater sampling event above the Class I or Class II groundwater standards.

Based on the results of the December 2017 groundwater sampling event, organic constituent (BTEX or PAHs) concentrations exceeded groundwater standards at shallow wells UMW-124, UMW-125, UMW-126 and at intermediate well UMW-302. Shallow wells UMW-124, UMW-125, and UMW-126, located on-site, had respective benzene concentrations of 0.120 mg/L, 0.0051 mg/L, and 0.0115 mg/L versus a Class II groundwater standard of 0.025 mg/L. No other sample results for shallow monitoring wells located on-site or off-site exceeded Class II standards for any BTEX or PAH compounds.

Although benzo(a)anthracene was detected at off-site monitoring well UMW-118 in the December 2017 sampling event, the detected concentration did not exceed the Class II groundwater standard. The benzo(a)anthracene concentration for the December 2017 event for well UMW-118 was 0.00025 mg/L. The Class II groundwater standard for benzo(a)anthracene is 0.00065 mg/L. Prior to the July 2017 sampling event, benzo(a)anthracene had not been detected at this monitoring well.

The only other well with any organic constituents exceeding groundwater standards is intermediate well UMW-302. Monitoring well UMW-302 and its duplicate, UMW-902 had respective benzene concentrations of 0.502 mg/L and 0.499 mg/L, versus a Class I groundwater standard of 0.005, and respective naphthalene concentrations of 2.05 mg/L and 2.22 mg/L, compared to a Class I groundwater standard of 0.140 mg/L. This intermediate depth well, screened from 35 to 45 feet BLS and separated from the adjacent shallow well UMW-121 by over 20 vertical feet of silty clay, was the only intermediate downgradient well monitored in the fourth quarter of 2017 that had organic constituents that exceeded Class I groundwater standards.

Sample results for the other intermediate screened wells located downgradient of this well (UMW-305, UMW-306, and UMW-307) have not exceeded Class I groundwater standards since they were installed and monitoring began in 2008. In addition, none of the three on-site intermediate depth wells (UMW-301R, UMW-304R, and UMW-308) have had any constituent concentrations that exceeded Class I groundwater standards.

Figure 4 shows the benzene concentration in intermediate monitoring well UMW-302. Benzene concentrations increased from 0.348 mg/L in October 2017 to 0.502 mg/L in December 2017. The naphthalene concentration in UMW-302 decreased slightly from 2.29 mg/L in October 2017 to 2.05 mg/L in December 2017 (Figure 5). The highest observed benzene and naphthalene concentrations at well UMW-302 since monitoring began in May 2008 are 1.60 and 4.72 mg/L, respectively. The observed fourth quarter 2017 concentrations of benzene and naphthalene are at approximately 31 and 49 percent, respectively, of those maximum concentrations. Organic constituents monitored at well UMW-302 will likely continue to fluctuate in response to remedial activities conducted at the FMGP Site.

CONCLUSIONS

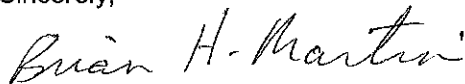
Based on the data collected in December 2017, constituent concentrations at one of the shallow monitoring wells (i.e., water-table wells) exceeded a Class II groundwater standard. Benzene concentrations exceeded Class II groundwater standards at on-site shallow monitoring well UMW-124. No other Class II groundwater standards for organic constituents (BTEX and PAHs) were exceeded. Additionally, none of the sample results at the shallow wells on-site or off-site exceeded cyanide standards for Class II groundwater in the fourth quarter.

Deeper groundwater quality, as represented by the 300-series wells screened in the intermediate depth groundwater unit, has had no confirmed organic constituent exceedances of the Class I groundwater standards except at well UMW-302, located south of the Site. In the fourth quarter of 2017, benzene and naphthalene concentrations at intermediate monitoring well UMW-302 exceeded Class I groundwater standards. No other Class I groundwater standards for cyanide or organic constituents (BTEX and PAHs) were exceeded.

Ameren will cease performing quarterly groundwater monitoring with the December 2017 monitoring event. Sufficient historical data, both pre-remediation and post-remediation, has been collected to document the groundwater flow conditions and the groundwater quality. Only minimal variations have been noted since monitoring began in 2008.

Should you have any questions about the material presented in this summary letter, please contact us at your convenience.

Sincerely,



Brian H. Martin, CHMM, PMP
Manager, Environmental Support & Waste Management
Ameren Services

- Attachments:
1. Table 1; Figures 1 through 5
 2. Groundwater Data from March 2016 through December 2017
 3. Table 2; Laboratory Analytical Report and Chain of Custodies

cc: Michael Crutcher, PSC
File: WM 10.45

ATTACHMENT 1

Table 1 – Groundwater Level Measurement Data

Figure 1 – Shallow Groundwater Level Contour Map –
December 2017

Figure 2 – Intermediate Groundwater Level Contour Map –
December 2017

Figure 3 – Exceedances of Class I and Class II Groundwater Standards
December 2017 Sampling Event

Figure 4 – Benzene Concentration Trends in Wells Exceeding Groundwater Standards
Through December 2017

Figure 5 – Naphthalene Concentration Trends in Wells Exceeding Groundwater Standards
Through December 2017

TABLE 1
 Groundwater Level Measurement Data
 December 2017 Groundwater Monitoring Report
 Ameren Illinois
 Champaign FMGP Site
 Champaign, Illinois

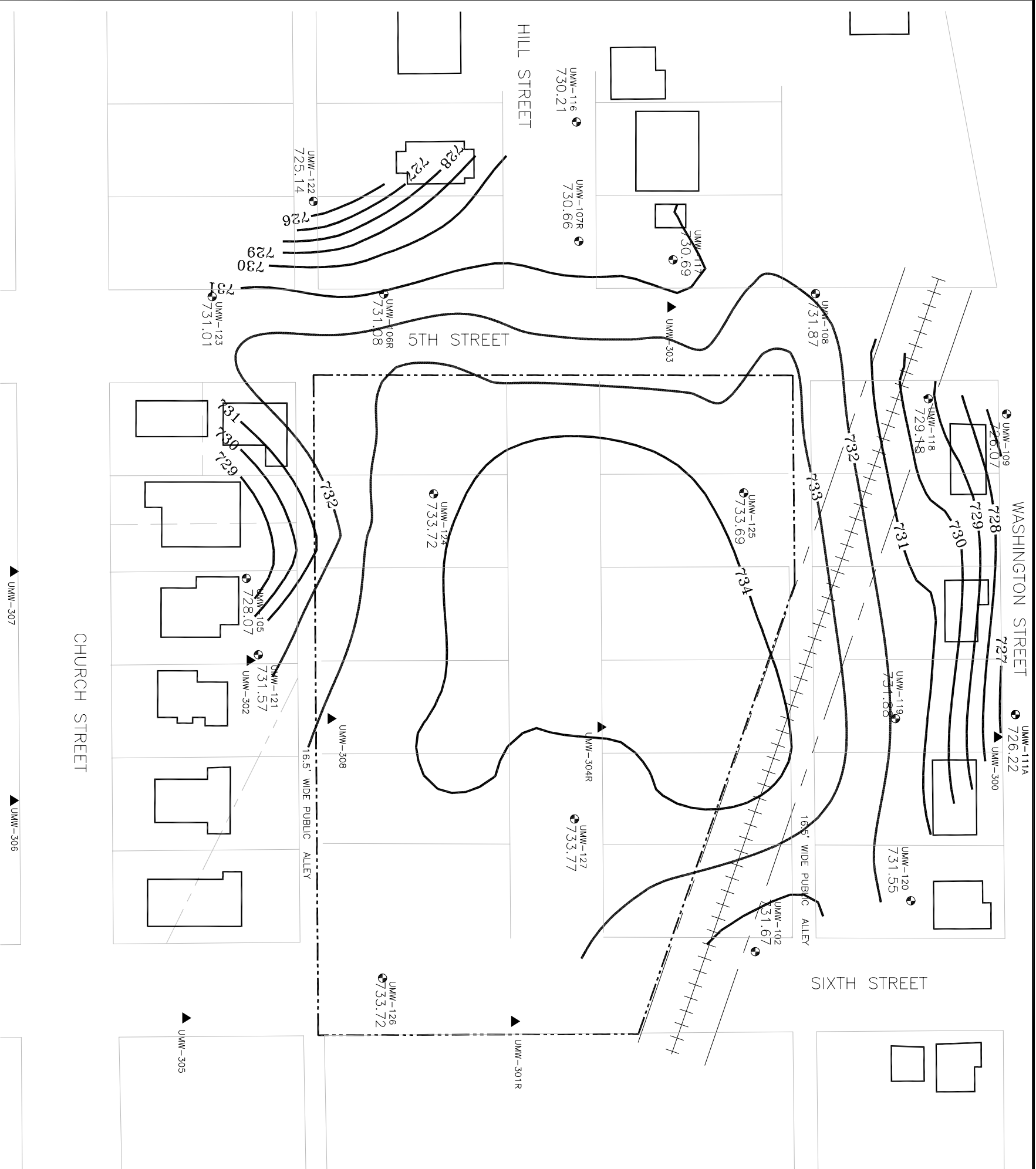
Monitoring Well Number	Total Depth (feet)	Monitored Interval (feet BLS)	Elevation (feet NGVD)		October 2017		
			Measuring Point (MP)	Land Surface (LS)	Below MP (feet)	Elevation (feet NGVD)	Purge Volume (Liters)
UMW-102	22.00	6.70 - 22.0	737.32	737.70	5.65	731.67	12.0
UMW-105	19.70	9.50 - 19.70	737.33	737.70	9.26	728.07	18.0
UMW-106 R	17.00	7.00 - 17.00	737.18	737.43	6.10	731.08	18.0
UMW-107 R	19.70	9.50 - 19.70	737.29	737.30	6.63	730.66	20.0
UMW-108	15.00	4.80 - 15.00	736.86	737.10	4.99	731.87	14.0
UMW-109	20.00	10.00 - 20.00	735.11	735.50	9.04	726.07	14.0
UMW-111A	22.80	9.00 - 22.80	736.71	737.00	10.49	726.22	16.0
UMW-116	20.00	10.00 - 20.00	736.23	736.50	6.02	730.21	18.0
UMW-117	15.00	5.00 - 15.00	737.53	737.81	6.84	730.69	12.0
UMW-118	15.00	5.00 - 15.00	736.20	736.43	7.02	729.18	14.0
UMW-119	15.00	5.00 - 15.00	736.80	737.09	4.92	731.88	4.0
UMW-120	15.00	5.00 - 15.00	737.02	737.53	5.47	731.55	14.0
UMW-121	15.00	5.00 - 15.00	738.46	738.80	6.89	731.57	14.0
UMW-122	19.75	5.00 - 15.00	739.15	739.44	14.04	725.11	--
UMW-123	15.89	5.89 - 15.89	737.24	737.53	6.23	731.01	16.0
UMW-124	15.27	4.97 - 15.02	737.10	737.28	3.38	733.72	14.0
UMW-125	15.33	5.06 - 15.11	737.92	738.05	4.23	733.69	10.0
UMW-126	15.40	5.13 - 15.18	736.38	736.55	2.66	733.72	14.0
UMW-127	15.38	5.11 - 15.16	735.93	736.14	2.16	733.77	10.0
UMW-300	45.00	35.00 - 45.00	736.57	736.79	27.21	709.36	21.0
UMW-301R	46.65	36.50 - 46.05	736.11	736.20	27.30	708.81	24.0
UMW-302	45.00	35.00 - 45.00	738.58	738.88	29.77	708.81	21.0
UMW-303	45.00	35.00 - 45.00	737.05	737.38	27.36	709.69	21.0
UMW-304R	46.16	36.01 - 45.56	736.48	736.72	27.54	708.94	21.0
UMW-305	45.00	35.00 - 45.00	737.51	737.74	28.79	708.72	15.0
UMW-306	47.00	37.00 - 47.00	736.90	737.18	28.26	708.64	18.0
UMW-307	47.00	37.00 - 47.00	736.92	737.19	28.34	708.58	18.0
UMW-308	45.29	35.14 - 44.69	737.21	737.39	28.45	708.76	27.0

Notes:

- Not measured or sampled.
- R Replacement monitoring well.
- BLS Below land surface.
- NGVD National Geodetic Vertical Datum
- * Well was purged; however, insufficient volume remained for sample collection

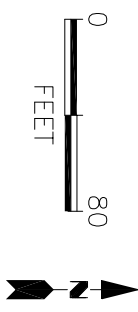


TITLE:
SHALLOW GROUNDWATER LEVEL CONTOUR MAP
DECEMBER 2017
CHAMPAIGN, ILLINOIS

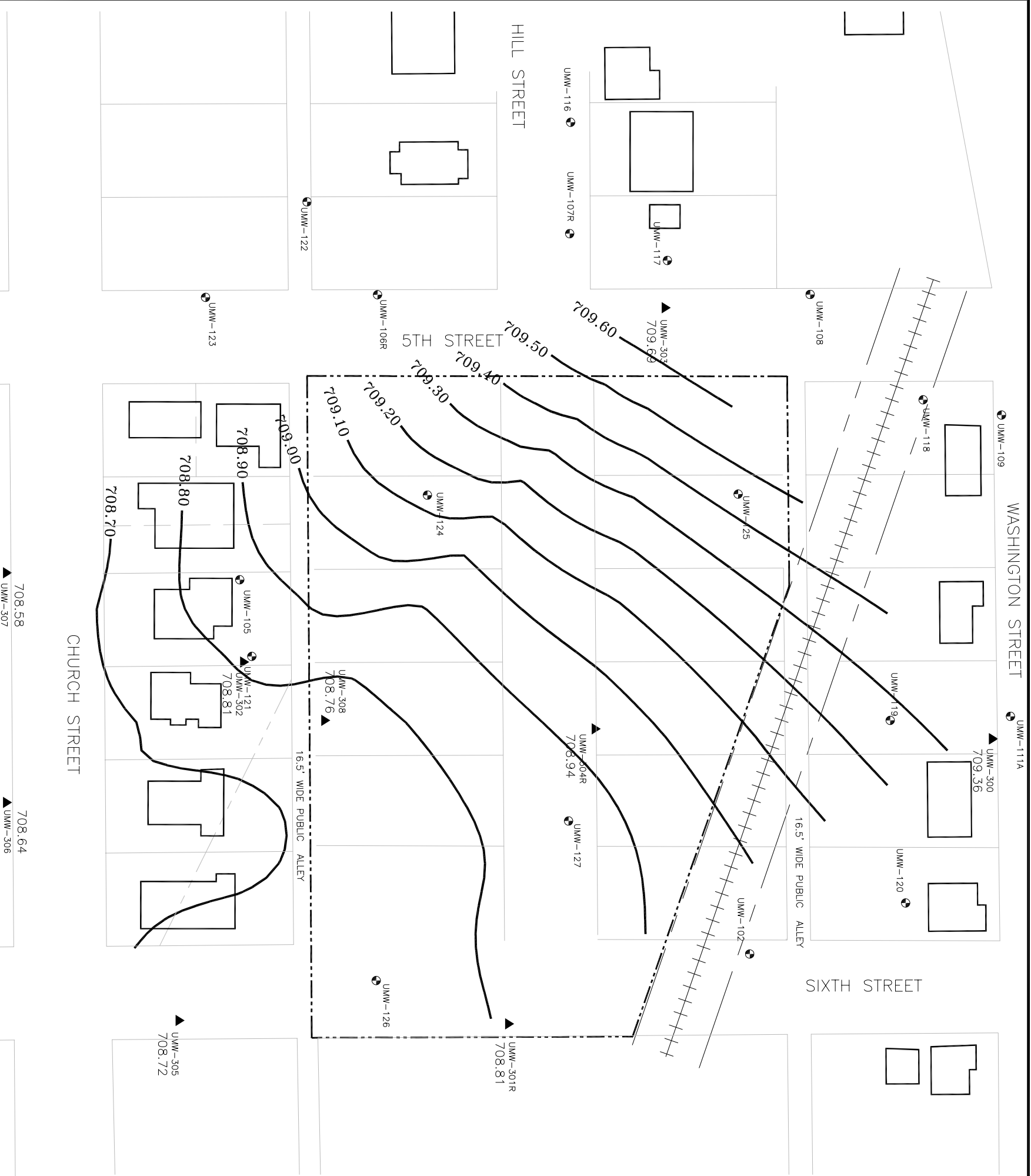


- LEGEND
- EXISTING STRUCTURES (APPROXIMATE)
 - - - AMEREN ILLINOIS PROPERTY (FORMER MGP SITE)
 - UMW-100 SHALLOW GROUNDWATER MONITORING WELLS
 - ▲ UMW-300 INTERMEDIATE GROUNDWATER MONITORING WELLS
 - 733— GROUNDWATER CONTOUR (FEET)

SOURCE: 1. The source for the property boundary survey is Vegrzyn, Sarver and Associates.
2. This groundwater elevation contour map is based upon interpolation between widely spaced monitoring locations. Only at the monitoring well location and for the time identified are the elevations actually know.



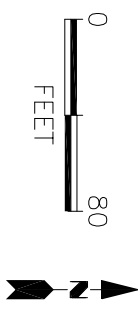
DWN:	TMM	DES:	Project No: 62412010008
CHKD:		APPD:	AMEREN ILLINOIS CHAMPAIGN, ILLINOIS
DATE:	2/21/18	REV:	FIGURE 1



- LEGEND**
- EXISTING STRUCTURES (APPROXIMATE)
 - - - AMEREN ILLINOIS PROPERTY (FORMER MGP SITE)
 - UMW-100 SHALLOW GROUNDWATER MONITORING WELLS
 - ▲ UMW-300 INTERMEDIATE GROUNDWATER MONITORING WELLS
 - 710.00— GROUNDWATER CONTOUR (FEET)
 - NM NOT MEASURED

SOURCE:

1. The source for the property boundary survey is Vegrzyn, Sarver and Associates.
2. This groundwater elevation contour map is based upon interpolation between widely spaced monitoring locations. Only at the monitoring well location and for the time identified are the elevations actually know.



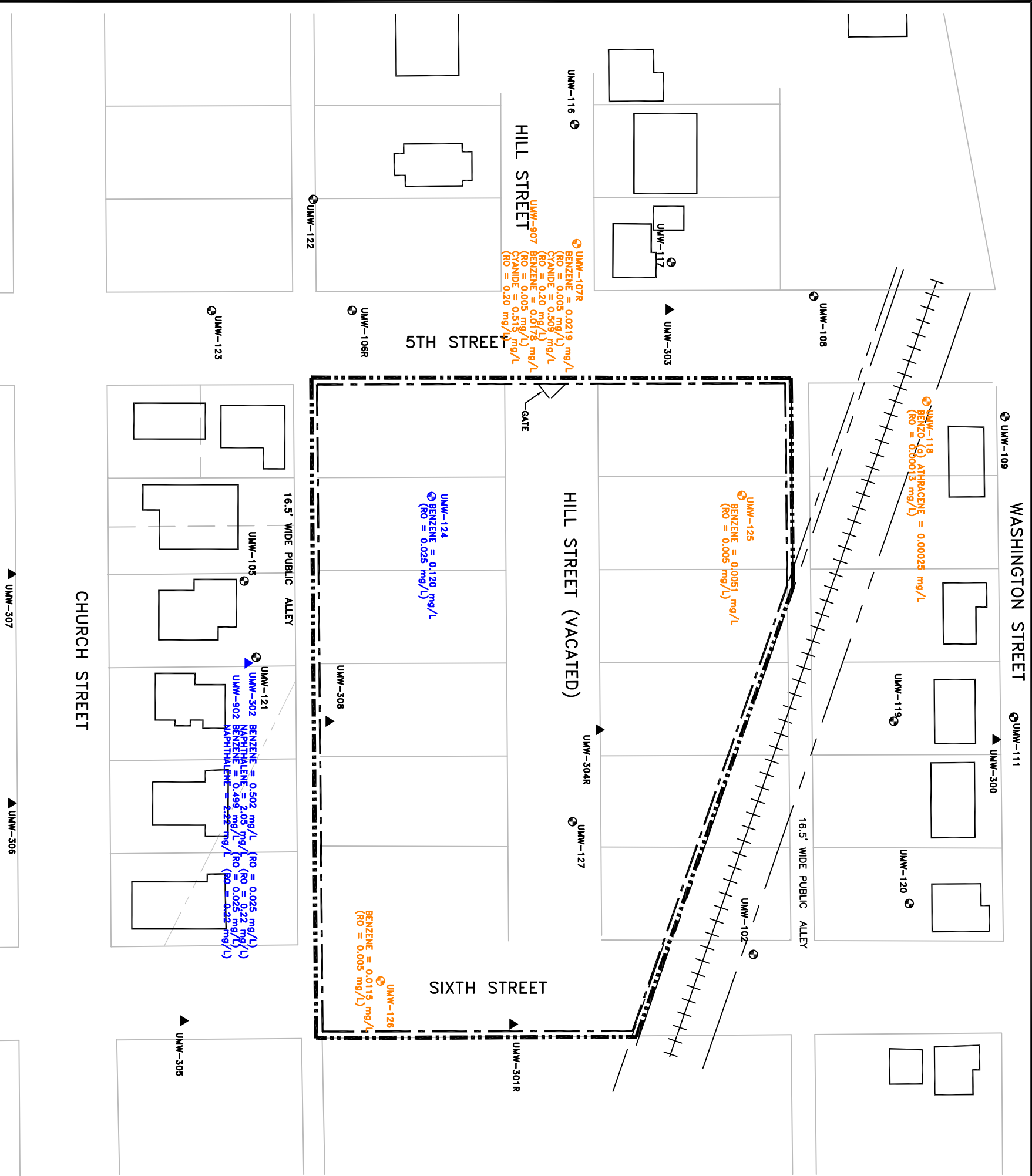
TITLE:
 INTERMEDIATE GROUNDWATER LEVEL CONTOUR MAP
 DECEMBER 2017
 CHAMPAIGN, ILLINOIS

DWN:	TMM	DES:	Project No: 62412010008
CHKD:		APPD:	AMEREN ILLINOIS CHAMPAIGN, ILLINOIS
DATE:	2/21/18	REV:	

FIGURE 2

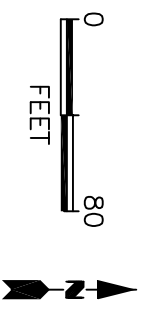


TITLE:
**EXCEEDANCES OF CLASS I AND CLASS II GROUNDWATER STANDARDS
 DECEMBER 2017 SAMPLING EVENT
 CHAMPAIGN, ILLINOIS**



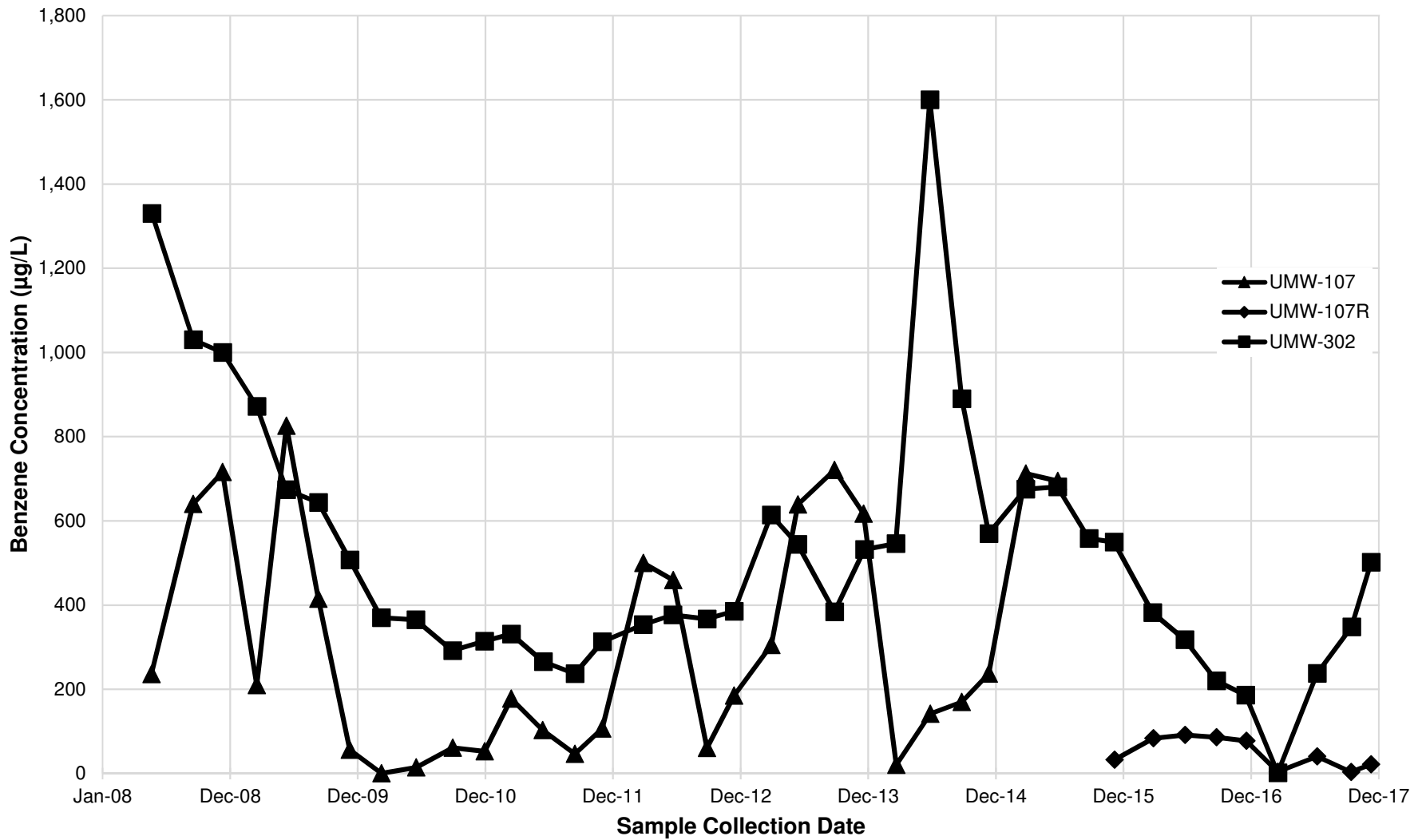
NOTES: THE SOURCE FOR THE PROPERTY BOUNDARY SURVEY IS VEGRZYN, SARVER AND ASSOCIATES.

- LEGEND**
- EXISTING STRUCTURES (APPROXIMATE)
 - - - CURRENT AMEREN ILLINOIS PROPERTY BOUNDARY
 - ▬ REMEDIATION SITE BOUNDARY
 - SHALLOW GROUNDWATER MONITORING WELLS
 - ◐ INTERMEDIATE GROUNDWATER MONITORING WELLS
 - ▲ UMW-300
 - UMW-302
 - UMW-102
- WELLS WITH AT LEAST ONE CLASS I EXCEEDANCE FOR BTEX, PAHs OR CYANIDE IN DECEMBER 2017. REMEDIAL OBJECTIVE (RO) IN PARENTHESES.
- WELLS WITH AT LEAST ONE CLASS II EXCEEDANCE FOR BTEX, PAHs OR CYANIDE IN DECEMBER 2017. CONCENTRATIONS LISTED WITH APPROPRIATE REMEDIAL OBJECTIVE (RO) IN PARENTHESES.



DWN:	TMM	DES:	LH	PROJECT NO: 62412010008 AMEREN ILLINOIS CHAMPAIGN, ILLINOIS
CHKD:	KD	APPD:		
DATE:	2/21/18	REV:		

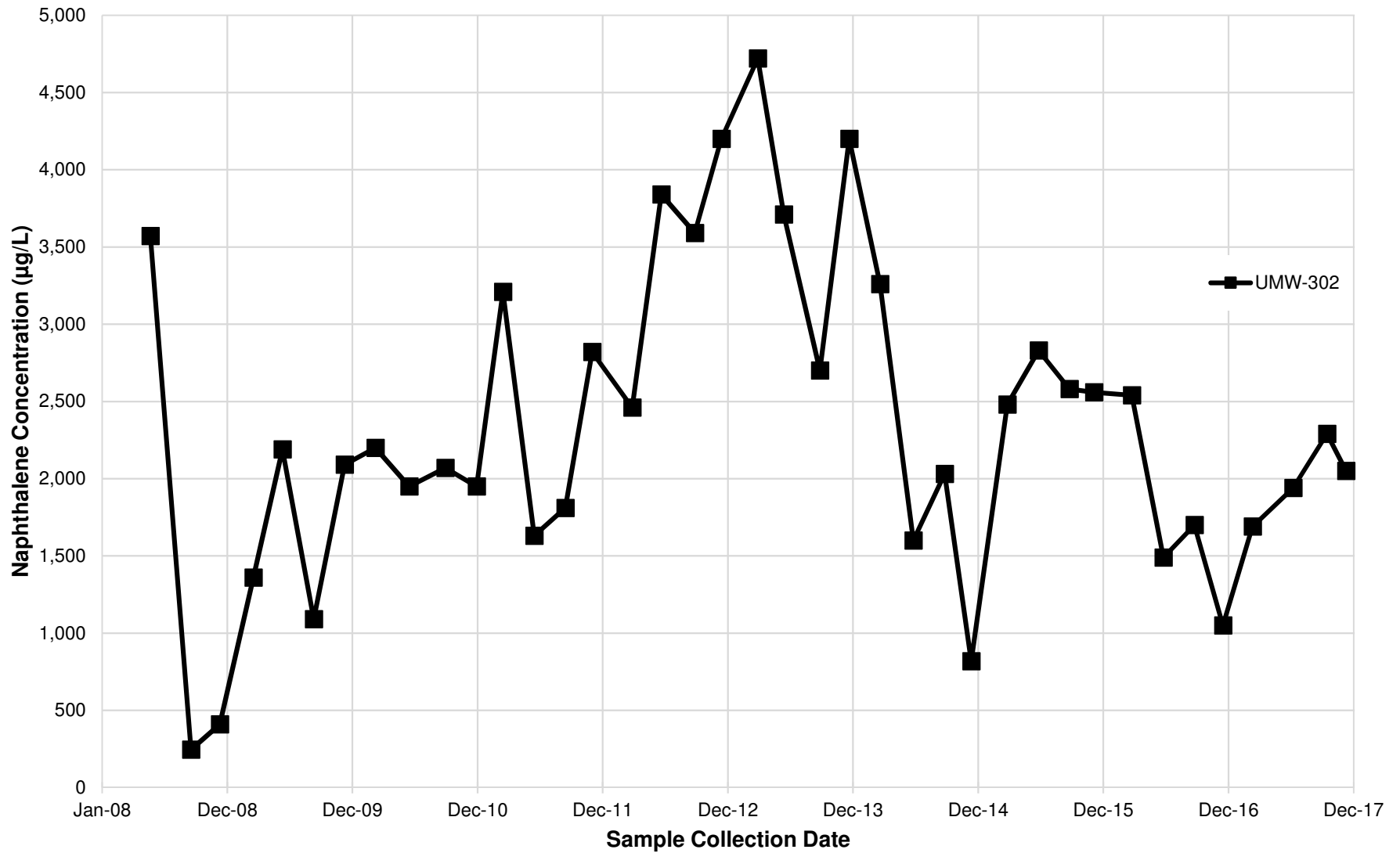
FIGURE 3



Benzene Concentration Trends in Wells Exceeding Groundwater Standards Through December 2017

Project No. 62412010008
 Ameren Illinois
 Champaign, Illinois

Figure 4



Naphthalene Concentration Trends in Wells Exceeding Groundwater Standards Through December 2017

Project No. 62412010008
 Ameren Illinois
 Champaign, Illinois

Figure 5

ATTACHMENT 2

Champaign Former MGP Analysis Results by Parameter
March 2016 Through December 2017

Champaign Former MGP
Analysis Results by Parameter
03/01/2016 to 12/31/2017

Well ID	Date Sampled	Acenaphthene (µg/L)	Acenaphthylene (µg/L)	Anthracene (µg/L)	Benzene (µg/L)	Benzo(a)anthracene (µg/L)
UMW-102	3/23/2016	<0.1	<0.1	<0.1	<2	<0.1
	6/22/2016	<0.1	<0.1	<0.1	<2	<0.1
	9/21/2016	<0.1	<0.1	<0.1	<2	<0.1
	12/15/2016	<0.1	<0.1	<0.1	<2	<0.1
	3/7/2017	<0.1	<0.1	<0.1	<2	<0.1
	7/5/2017	<0.1	<0.1	<0.1	<2	<0.1
	10/10/2017	<0.1	<0.1	<0.1	<2	<0.1
	12/4/2017	<0.1	<0.1	<0.1	<2	<0.1
UMW-105	3/22/2016	<0.1	<0.1	<0.1	<2	<0.1
	6/22/2016	<0.1	<0.1	<0.1	<2	<0.1
	9/22/2016	<0.1	<0.1	<0.1	<2	<0.1
	12/13/2016	<0.1	<0.1	<0.1	<2	<0.1
	3/9/2017	<0.1	<0.1	<0.1	<2	<0.1
	7/6/2017	<0.1	<0.1	<0.1	<2	<0.1
	10/12/2017	<0.1	<0.1	<0.1	<2	<0.1
	12/7/2017	<0.1	<0.1	<0.1	<2	<0.1
UMW-106R	3/23/2016	<0.1	<0.1	<0.1	<2	<0.1
	6/22/2016	<0.1	<0.1	<0.1	<2	<0.1
	9/20/2016	<0.1	<0.1	<0.1	<2	<0.1
	12/14/2016	<0.1	<0.1	<0.1	<2	<0.1
	3/8/2017	<0.1	<0.1	<0.1	<2	<0.1
	7/6/2017	<0.1	<0.1	<0.1	<2	<0.1
	10/11/2017	<0.1	<0.1	<0.1	<2	<0.1
	12/6/2017	<0.1	<0.1	<0.1	<2	<0.1
UMW-107R	3/24/2016	<0.1	<0.1	<0.1	83.7	<0.1
	6/23/2016	<0.1	<0.1	<0.1	91.5	<0.1
	9/21/2016	<0.1	<0.1	<0.1	86.3	<0.1
	12/15/2016	<0.1	0.1	<0.1	77.9	<0.1
	3/8/2017	<0.1	<0.1	<0.1	4.5	<0.1
	7/6/2017	<0.1	0.11	0.11	40.7	0.06
	10/11/2017	<0.1	<0.1	<0.1	3.9	<0.1
	12/6/2017	<0.1	<0.1	<0.1	21.9	<0.1
UMW-108	3/23/2016	<0.1	<0.1	<0.1	<2	<0.1
	6/23/2016	<0.1	<0.1	<0.1	<2	<0.1
	9/21/2016	<0.1	<0.1	<0.1	<2	<0.1
	12/15/2016	<0.1	<0.1	<0.1	<2	<0.1
	3/7/2017	<0.1	<0.1	<0.1	<2	<0.1
	7/6/2017	<0.1	<0.1	<0.1	<2	<0.1
	10/10/2017	<0.1	<0.1	<0.1	<2	<0.1
	12/5/2017	<0.1	<0.1	<0.1	<2	<0.1

Champaign Former MGP
Analysis Results by Parameter
03/01/2016 to 12/31/2017

Well ID	Date Sampled	Acenaphthene (µg/L)	Acenaphthylene (µg/L)	Anthracene (µg/L)	Benzene (µg/L)	Benzo(a)anthracene (µg/L)
UMW-109	3/23/2016	<0.1	<0.1	<0.1	<2	<0.1
	6/22/2016	<0.1	<0.1	<0.1	<2	<0.1
	9/21/2016	<0.1	<0.1	<0.1	<2	<0.1
	12/15/2016	<0.1	<0.1	<0.1	<2	<0.1
	3/7/2017	<0.1	<0.1	<0.1	<2	<0.1
	7/5/2017	<0.1	<0.1	<0.1	<2	<0.1
	10/10/2017	<0.1	<0.1	<0.1	<2	<0.1
	12/5/2017	<0.1	<0.1	<0.1	<2	<0.1
UMW-111A	3/23/2016	<0.1	<0.1	<0.1	<2	<0.1
	6/22/2016	<0.1	<0.1	<0.1	<2	<0.1
	9/21/2016	<0.1	<0.1	<0.1	<2	<0.1
	12/14/2016	<0.1	<0.1	<0.1	<2	<0.1
	3/7/2017	<0.1	<0.1	<0.1	<2	<0.1
	7/6/2017	<0.1	<0.1	<0.1	<2	<0.1
	10/10/2017	<0.1	<0.1	<0.1	<2	<0.1
	12/6/2017	<0.1	<0.1	<0.1	<2	<0.1
UMW-116	3/24/2016	<0.1	<0.1	<0.1	<2	<0.1
	6/23/2016	<0.1	<0.1	<0.1	<2	<0.1
	9/21/2016	<0.1	<0.1	<0.1	<2	<0.1
	12/15/2016	<0.1	<0.1	<0.1	<2	<0.1
	3/8/2017	<0.1	<0.1	<0.1	<2	<0.1
	7/6/2017	<0.1	<0.1	<0.1	<2	<0.1
	10/11/2017	<0.1	<0.1	<0.1	<2	<0.1
	12/6/2017	<0.1	<0.1	<0.1	<2	<0.1
UMW-117	3/22/2016	<0.1	<0.1	<0.1	<2	<0.1
	6/23/2016	<0.1	<0.1	<0.1	<2	<0.1
	9/21/2016	<0.1	<0.1	<0.1	<2	<0.1
	12/15/2016	<0.1	<0.1	<0.1	<2	<0.1
	3/8/2017	<0.1	<0.1	<0.1	<2	<0.1
	7/6/2017	<0.1	<0.1	<0.1	<2	0.06
	10/11/2017	<0.1	<0.1	<0.1	<2	<0.1
	12/5/2017	<0.1	<0.1	<0.1	<2	<0.1
UMW-118	12/3/2015	<0.1	<0.1	<0.1	<2	<0.1
	3/21/2016	<0.1	<0.1	<0.1	<2	<0.1
	6/22/2016	<0.1	<0.1	<0.1	<2	<0.1
	9/21/2016	<0.1	<0.1	<0.1	<2	<0.1
	12/15/2016	<0.1	0.16	<0.1	<2	0.21
	3/8/2017	<0.1	<0.1	<0.1	<2	<0.1
	7/6/2017	0.17	0.37	0.1	<2	0.77
	10/10/2017	<0.1	0.1	<0.1	<2	0.21
12/5/2017	<0.1	0.12	<0.1	<2	0.25	

Champaign Former MGP
Analysis Results by Parameter
03/01/2016 to 12/31/2017

Well ID	Date Sampled	Acenaphthene (µg/L)	Acenaphthylene (µg/L)	Anthracene (µg/L)	Benzene (µg/L)	Benzo(a)anthracene (µg/L)
UMW-119	3/23/2016	<0.1	<0.1	<0.1	<2	<0.1
	6/22/2016	<0.1	<0.1	<0.1	<2	<0.1
	9/21/2016	<0.1	<0.1	<0.1	<2	<0.1
	12/15/2016	<0.1	<0.1	<0.1	<2	<0.1
	3/7/2017	<0.1	<0.1	<0.1	<2	<0.1
	7/5/2017	<0.1	<0.1	<0.1	<2	<0.1
	10/11/2017	0.29	0.41	0.11	<2	0.14
	12/5/2017	<0.1	<0.1	<0.1	<2	<0.1
UMW-120	3/21/2016	<0.1	<0.1	<0.1	<2	<0.1
	6/22/2016	<0.1	<0.1	<0.1	<2	<0.1
	9/21/2016	<0.1	<0.1	<0.1	<2	<0.1
	12/15/2016	<0.1	<0.1	<0.1	<2	<0.1
	3/8/2017	<0.1	<0.1	<0.1	<2	<0.1
	7/6/2017	<0.1	<0.1	<0.1	<2	<0.1
	10/9/2017	<0.1	<0.1	<0.1	<2	<0.1
	12/4/2017	<0.1	<0.1	<0.1	<2	<0.1
UMW-121	3/22/2016	<0.1	<0.1	<0.1	<2	<0.1
	6/22/2016	<0.1	<0.1	<0.1	<2	<0.1
	9/21/2016	<0.1	<0.1	<0.1	<2	<0.1
	12/13/2016	<0.1	<0.1	<0.1	<2	<0.1
	3/9/2017	<0.1	<0.1	<0.1	<2	<0.1
	7/6/2017	<0.1	<0.1	<0.1	<2	0.06
	10/12/2017	<0.1	<0.1	<0.1	<2	<0.1
	12/7/2017	<0.1	<0.1	<0.1	<2	<0.1
UMW-122	3/22/2016	<0.1	<0.1	<0.1	<2	<0.1
	6/23/2016	<0.1	<0.1	<0.1	<2	<0.1
UMW-123	3/23/2016	<0.1	<0.1	<0.1	<2	<0.1
	6/21/2016	<0.1	<0.1	<0.1	<2	<0.1
	9/20/2016	<0.1	<0.1	<0.1	<2	<0.1
	12/15/2016	<0.1	<0.1	<0.1	<2	<0.1
	3/8/2017	<0.1	<0.1	<0.1	<2	<0.1
	7/6/2017	<0.1	<0.1	<0.1	<2	<0.1
	10/11/2017	<0.1	<0.1	<0.1	<2	<0.1
	12/6/2017	<0.1	<0.1	<0.1	<2	<0.1

Champaign Former MGP
Analysis Results by Parameter
03/01/2016 to 12/31/2017

Well ID	Date Sampled	Acenaphthene (µg/L)	Acenaphthylene (µg/L)	Anthracene (µg/L)	Benzene (µg/L)	Benzo(a)anthracene (µg/L)
UMW-124	3/22/2016	0.63	0.36	<0.1	210	<0.1
	6/21/2016	0.62	<0.5	<0.5	205	<0.5
	9/20/2016	0.82	0.5	<0.1	153	<0.1
	12/14/2016	0.39	0.24	<0.1	115	<0.1
	3/10/2017	0.49	0.27	<0.1	78.4	<0.1
	7/7/2017	0.67	0.41	<0.1	104	0.08
	10/13/2017	0.38	0.19	<0.1	71.3	<0.1
	12/7/2017	0.52	0.3	<0.1	120	<0.1
UMW-125	3/23/2016	<0.1	<0.1	<0.1	6.4	<0.1
	6/21/2016	<0.1	<0.1	<0.1	12.6	<0.1
	9/20/2016	<0.1	<0.1	<0.1	6.8	<0.1
	12/13/2016	<0.1	<0.1	<0.1	20.4	<0.1
	3/9/2017	<0.1	<0.1	<0.1	<2	<0.1
	7/6/2017	0.1	<0.1	<0.1	22.6	<0.1
	10/12/2017	0.13	<0.1	<0.1	43.2	<0.1
	12/8/2017	<0.1	<0.1	<0.1	5.1	<0.1
UMW-126	3/22/2016	<0.1	<0.1	<0.1	120	<0.1
	6/21/2016	<0.1	<0.1	<0.1	120	<0.1
	9/20/2016	<0.1	<0.1	<0.1	65.6	<0.1
	12/14/2016	<0.1	<0.1	<0.1	17.8	<0.1
	3/10/2017	<0.1	<0.1	<0.1	5.1	<0.1
	7/7/2017	<0.1	<0.1	<0.1	94.4	0.06
	10/12/2017	<0.1	<0.1	<0.1	5.2	<0.1
	12/7/2007	<0.1	<0.1	<0.1	11.5	<0.1
UMW-127	3/22/2016	0.19	2.17	<0.1	3	<0.1
	6/21/2016	0.19	1.54	<0.1	3.4	<0.1
	9/20/2016	0.22	1.06	<0.1	3.7	<0.1
	12/14/2016	0.22	0.81	<0.1	3.3	<0.1
	3/9/2017	0.21	1.55	<0.1	3	0.06
	7/7/2017	0.33	3.19	<0.1	3.6	0.07
	10/12/2017	0.14	2.47	<0.1	4.9	<0.1
	12/7/2017	0.17	0.105	<0.1	3	<0.1
UMW-300	3/23/2016	<0.1	<0.1	<0.1	<2	<0.1
	6/22/2016	<0.1	<0.1	<0.1	<2	<0.1
	9/21/2016	<0.1	<0.1	<0.1	<2	<0.1
	12/14/2016	<0.1	<0.1	<0.1	<2	<0.1
	3/9/2017	<0.1	<0.1	<0.1	<2	<0.1
	7/6/2017	<0.1	<0.1	<0.1	<2	<0.1
	10/10/2017	<0.1	<0.1	<0.1	<2	<0.1
	12/5/2017	<0.1	<0.1	<0.1	<2	<0.1

Champaign Former MGP
Analysis Results by Parameter
03/01/2016 to 12/31/2017

Well ID	Date Sampled	Acenaphthene (µg/L)	Acenaphthylene (µg/L)	Anthracene (µg/L)	Benzene (µg/L)	Benzo(a)anthracene (µg/L)
UMW-301R	3/22/2016	1.78	2.1	<0.1	<2	<0.1
	6/21/2016	2.45	2.95	<0.1	<2	<0.1
	9/20/2016	2.61	2.97	<0.1	<2	<0.1
	12/14/2016	2.16	2.46	<0.1	<2	<0.1
	3/10/2017	2.74	2.96	<0.1	<2	<0.1
	7/7/2017	3.48	4	<0.1	<2	<0.1
	10/12/2017	2.41	2.77	<0.1	<2	<0.1
	12/7/2017	2.63	3.1	<0.1	<2	<0.1
UMW-302	3/22/2016	0.24	0.5	<0.1	382	<0.1
	6/22/2016	0.09	0.25	<0.1	318	<0.1
	9/21/2016	0.12	0.24	<0.1	220	<0.1
	12/13/2016	0.1	0.21	<0.1	186	<0.1
	3/9/2017	0.28	0.42	<0.1	<2	<0.1
	7/6/2017	0.3	0.53	<0.1	238	<0.1
	10/12/2017	0.11	0.51	<0.1	348	<0.1
	12/7/2017	<0.1	<0.1	<0.1	502	<0.1
UMW-303	3/24/2016	<0.1	<0.1	<0.1	<2	<0.1
	6/23/2016	<0.1	<0.1	<0.1	<2	<0.1
	12/15/2016	<0.1	<0.1	<0.1	<2	<0.1
	3/8/2017	<0.1	<0.1	<0.1	<2	<0.1
	7/6/2017	<0.1	<0.1	<0.1	<2	<0.1
	10/11/2017	<0.1	<0.1	<0.1	<2	<0.1
UMW-304R	12/5/2017	<0.1	<0.1	<0.1	<2	<0.1
	3/22/2016	0.53	1.25	<0.1	<2	<0.1
	6/21/2016	0.57	1.26	<0.1	<2	<0.1
	9/20/2016	0.64	1.42	<0.1	<2	<0.1
	12/13/2016	0.59	1.16	<0.1	<2	0.06
	3/9/2017	0.91	1.82	<0.1	<2	0.08
	7/7/2017	0.82	1.87	<0.1	<2	0.06
	10/12/2017	0.71	1.4	<0.1	<2	<0.1
UMW-305	12/8/2017	0.67	1.49	<0.1	<2	<0.1
	3/23/2016	<0.1	<0.1	<0.1	<2	<0.1
	6/22/2016	<0.1	<0.1	<0.1	<2	<0.1
	9/21/2016	<0.1	<0.1	<0.1	<2	<0.1
	12/14/2016	<0.1	<0.1	<0.1	<2	<0.1
	3/9/2017	<0.1	<0.1	<0.1	<2	<0.1
	7/6/2017	<0.1	<0.1	<0.1	<2	<0.1
	10/12/2017	<0.1	<0.1	<0.1	<2	<0.1
12/6/2017	<0.1	<0.1	<0.1	<2	<0.1	

Champaign Former MGP
Analysis Results by Parameter
03/01/2016 to 12/31/2017

Well ID	Date Sampled	Acenaphthene (µg/L)	Acenaphthylene (µg/L)	Anthracene (µg/L)	Benzene (µg/L)	Benzo(a)anthracene (µg/L)
UMW-306	3/23/2016	<0.1	<0.1	<0.1	<2	<0.1
	6/22/2016	<0.1	<0.1	<0.1	<2	<0.1
	9/21/2016	<0.1	<0.1	<0.1	<2	<0.1
	12/14/2016	<0.1	<0.1	<0.1	<2	<0.1
	3/9/2017	<0.1	<0.1	<0.1	<2	<0.1
	7/5/2017	<0.1	<0.1	<0.1	<2	<0.1
	10/11/2017	<0.1	<0.1	<0.1	<2	<0.1
	12/6/2017	<0.1	<0.1	<0.1	<2	<0.1
UMW-307	3/23/2016	<0.1	<0.1	<0.1	<2	<0.1
	6/22/2016	<0.1	<0.1	<0.1	<2	<0.1
	9/20/2016	<0.1	<0.1	<0.1	<2	<0.1
	12/14/2016	<0.1	<0.1	<0.1	<2	<0.1
	3/9/2017	<0.1	<0.1	<0.1	<2	<0.1
	7/5/2017	<0.1	<0.1	<0.1	<2	0.06
	10/11/2017	<0.1	<0.1	<0.1	<2	<0.1
	12/6/2017	<0.1	<0.1	<0.1	<2	<0.1
UMW-308	3/22/2016	<0.1	<0.1	<0.1	<2	<0.1
	6/21/2016	<0.1	<0.1	<0.1	<2	<0.1
	9/20/2016	<0.1	<0.1	<0.1	<2	<0.1
	12/14/2016	<0.1	<0.1	<0.1	<2	<0.1
	3/10/2017	<0.1	<0.1	<0.1	<2	<0.1
	7/7/2017	<0.1	<0.1	<0.1	<2	<0.1
	10/13/2017	<0.1	<0.1	<0.1	<2	<0.1
12/7/2017	<0.1	<0.1	<0.1	<2	<0.1	

Champaign Former MGP
Analysis Results by Parameter
03/01/2016 to 12/31/2017

Well ID	Date Sampled	Cyanide, total (mg/L)	Benzo(a) pyrene (µg/L)	Benzo(b) fluoranthene (µg/L)	Benzo(g,h,i) perylene (µg/L)	Benzo(k) fluoranthene (µg/L)	Chrysene (µg/L)
UMW-102	3/23/2016	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	6/22/2016	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	9/21/2016	0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	12/15/2016	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	3/7/2017	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	7/5/2017	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	10/10/2017	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	12/4/2017	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
UMW-105	3/22/2016	0.063	<0.1	<0.1	<0.1	<0.1	<0.1
	6/22/2016	0.071	<0.1	<0.1	<0.1	<0.1	<0.1
	9/22/2016	0.038	<0.1	<0.1	<0.1	<0.1	<0.1
	12/13/2016	0.049	<0.1	<0.1	<0.1	<0.1	<0.1
	3/9/2017	0.061	<0.1	<0.1	<0.1	<0.1	<0.1
	7/6/2017	0.063	<0.1	<0.1	<0.1	<0.1	<0.1
	10/12/2017	0.056	<0.1	<0.1	<0.1	<0.1	<0.1
	12/7/2017	0.049	<0.1	<0.1	<0.1	<0.1	<0.1
UMW-106R	3/23/2016	0.025	<0.1	<0.1	<0.1	<0.1	<0.1
	6/22/2016	0.019	<0.1	<0.1	<0.1	<0.1	<0.1
	9/20/2016	0.023	<0.1	<0.1	<0.1	<0.1	<0.1
	12/14/2016	0.035	<0.1	<0.1	<0.1	<0.1	<0.1
	3/8/2017	0.028	<0.1	<0.1	<0.1	<0.1	<0.1
	7/6/2017	0.033	<0.1	<0.1	<0.1	<0.1	<0.1
	10/11/2017	0.038	<0.1	<0.1	<0.1	<0.1	<0.1
	12/6/2017	0.044	<0.1	<0.1	<0.1	<0.1	<0.1
UMW-107R	3/24/2016	0.612	<0.1	<0.1	<0.1	<0.1	<0.1
	6/23/2016	0.544	<0.1	<0.1	<0.1	<0.1	<0.1
	9/21/2016	0.305	<0.1	<0.1	<0.1	<0.1	<0.1
	12/15/2016	0.596	<0.1	<0.1	<0.1	<0.1	<0.1
	3/8/2017	0.71	<0.1	<0.1	<0.1	<0.1	<0.1
	7/6/2017	0.544	<0.1	<0.1	<0.1	<0.1	<0.1
	10/11/2017	0.363	<0.1	<0.1	<0.1	<0.1	<0.1
	12/6/2017	0.509	<0.1	<0.1	<0.1	<0.1	<0.1
UMW-108	3/23/2016	0.028	<0.1	<0.1	<0.1	<0.1	<0.1
	6/23/2016	0.021	<0.1	<0.1	<0.1	<0.1	<0.1
	9/21/2016	0.019	<0.1	<0.1	<0.1	<0.1	<0.1
	12/15/2016	0.032	<0.1	<0.1	<0.1	<0.1	<0.1
	3/7/2017	0.03	<0.1	<0.1	<0.1	<0.1	<0.1
	7/6/2017	0.029	<0.1	<0.1	<0.1	<0.1	<0.1
	10/10/2017	0.03	<0.1	<0.1	<0.1	<0.1	<0.1
	12/5/2017	0.029	<0.1	<0.1	<0.1	<0.1	<0.1

Champaign Former MGP
Analysis Results by Parameter
03/01/2016 to 12/31/2017

Well ID	Date Sampled	Cyanide, total (mg/L)	Benzo(a) pyrene (µg/L)	Benzo(b) fluoranthene (µg/L)	Benzo(g,h,i) perylene (µg/L)	Benzo(k) fluoranthene (µg/L)	Chrysene (µg/L)
UMW-109	3/23/2016	0.012	<0.1	<0.1	<0.1	<0.1	<0.1
	6/22/2016	0.042	<0.1	<0.1	<0.1	<0.1	<0.1
	9/21/2016	0.038	<0.1	<0.1	<0.1	<0.1	<0.1
	12/15/2016	0.044	<0.1	<0.1	<0.1	<0.1	<0.1
	3/7/2017	0.042	<0.1	<0.1	<0.1	<0.1	<0.1
	7/5/2017	0.012	<0.1	<0.1	<0.1	<0.1	<0.1
	10/10/2017	0.036	<0.1	<0.1	<0.1	<0.1	<0.1
	12/5/2017	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
UMW-111A	3/23/2016	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	6/22/2016	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	9/21/2016	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	12/14/2016	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	3/7/2017	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	7/6/2017	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	10/10/2017	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	12/6/2017	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
UMW-116	3/24/2016	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	6/23/2016	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	9/21/2016	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	12/15/2016	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	3/8/2017	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	7/6/2017	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	10/11/2017	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	12/6/2017	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
UMW-117	3/22/2016	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	6/23/2016	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	9/21/2016	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	12/15/2016	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	3/8/2017	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	7/6/2017	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	10/11/2017	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	12/5/2017	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
UMW-118	12/3/2015	0.04	<0.1	<0.1	<0.1	<0.1	<0.1
	3/21/2016	0.045	<0.1	<0.1	<0.1	<0.1	<0.1
	6/22/2016	0.04	<0.1	<0.1	<0.1	<0.1	<0.1
	9/21/2016	0.042	<0.1	<0.1	<0.1	<0.1	<0.1
	12/15/2016	0.044	0.35	0.35	0.2	0.11	0.12
	3/8/2017	0.049	<0.1	<0.1	<0.1	<0.1	<0.1
	7/6/2017	0.056	0.93	0.94	0.37	0.36	0.48
	10/10/2017	0.056	0.27	0.27	0.12	0.09	0.09
12/5/2017	0.059	0.34	0.4	<0.1	0.16	0.13	

Champaign Former MGP
Analysis Results by Parameter
03/01/2016 to 12/31/2017

Well ID	Date Sampled	Cyanide, total (mg/L)	Benzo(a) pyrene (µg/L)	Benzo(b) fluoranthene (µg/L)	Benzo(g,h,i) perylene (µg/L)	Benzo(k) fluoranthene (µg/L)	Chrysene (µg/L)
UMW-119	3/23/2016	0.039	<0.1	<0.1	<0.1	<0.1	<0.1
	6/22/2016	0.035	<0.1	<0.1	<0.1	<0.1	<0.1
	9/21/2016	0.046	<0.1	<0.1	<0.1	<0.1	<0.1
	12/15/2016	0.041	<0.1	<0.1	<0.1	<0.1	<0.1
	3/7/2017	0.048	<0.1	<0.1	<0.1	<0.1	<0.1
	7/5/2017	0.041	<0.1	<0.1	<0.1	<0.1	<0.1
	10/11/2017	0.033	0.12	0.11	<0.1	<0.1	0.15
	12/5/2017	0.039	<0.1	<0.1	<0.1	<0.1	<0.1
UMW-120	3/21/2016	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	6/22/2016	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	9/21/2016	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	12/15/2016	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	3/8/2017	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	7/6/2017	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	10/9/2017	0.007	<0.1	<0.1	<0.1	<0.1	<0.1
12/4/2017	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1	
UMW-121	3/22/2016	0.266	<0.1	<0.1	<0.1	<0.1	<0.1
	6/22/2016	0.183	<0.1	<0.1	<0.1	<0.1	<0.1
	9/21/2016	0.186	<0.1	<0.1	<0.1	<0.1	<0.1
	12/13/2016	0.164	<0.1	<0.1	<0.1	<0.1	<0.1
	3/9/2017	0.168	<0.1	<0.1	<0.1	<0.1	<0.1
	7/6/2017	0.148	<0.1	<0.1	<0.1	<0.1	<0.1
	10/12/2017	0.166	<0.1	<0.1	<0.1	<0.1	<0.1
12/7/2017	0.177	<0.1	<0.1	<0.1	<0.1	<0.1	
UMW-122	3/22/2016	0.038	<0.1	<0.1	<0.1	<0.1	<0.1
	6/23/2016	0.027	<0.1	<0.1	<0.1	<0.1	<0.1
UMW-123	3/23/2016	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	6/21/2016	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	9/20/2016	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	12/15/2016	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	3/8/2017	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	7/6/2017	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	10/11/2017	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
12/6/2017	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1	

Champaign Former MGP
Analysis Results by Parameter
03/01/2016 to 12/31/2017

Well ID	Date Sampled	Cyanide, total (mg/L)	Benzo(a) pyrene (µg/L)	Benzo(b) fluoranthene (µg/L)	Benzo(g,h,i) perylene (µg/L)	Benzo(k) fluoranthene (µg/L)	Chrysene (µg/L)
UMW-124	3/22/2016	0.021	<0.1	<0.1	<0.1	<0.1	<0.1
	6/21/2016	0.03	<0.5	<0.5	<0.5	<0.5	<0.5
	9/20/2016	0.019	<0.1	<0.1	<0.1	<0.1	<0.1
	12/14/2016	0.013	<0.1	<0.1	<0.1	<0.1	<0.1
	3/10/2017	0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	7/7/2017	0.01	<0.1	<0.1	<0.1	<0.1	<0.1
	10/13/2017	0.008	<0.1	<0.1	<0.1	<0.1	<0.1
	12/7/2017	0.011	<0.1	<0.1	<0.1	<0.1	<0.1
UMW-125	3/23/2016	0.032	<0.1	<0.1	<0.1	<0.1	<0.1
	6/21/2016	0.025	<0.1	<0.1	<0.1	<0.1	<0.1
	9/20/2016	0.035	<0.1	<0.1	<0.1	<0.1	<0.1
	12/13/2016	0.062	<0.1	<0.1	<0.1	<0.1	<0.1
	3/9/2017	0.029	<0.1	<0.1	<0.1	<0.1	<0.1
	7/6/2017	0.029	<0.1	<0.1	<0.1	<0.1	<0.1
	10/12/2017	0.028	0.08	<0.1	<0.1	<0.1	<0.1
	12/8/2017	0.029	<0.1	<0.1	<0.1	<0.1	<0.1
UMW-126	3/22/2016	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	6/21/2016	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	9/20/2016	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	12/14/2016	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	3/10/2017	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	7/7/2017	0.004	<0.1	<0.1	<0.1	<0.1	<0.1
	10/12/2017	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	12/7/2017	0.005	<0.1	<0.1	<0.1	<0.1	<0.1
UMW-127	3/22/2016	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	6/21/2016	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	9/20/2016	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	12/14/2016	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	3/9/2017	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	7/7/2017	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	10/12/2017	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	12/7/2017	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
UMW-300	3/23/2016	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	6/22/2016	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	9/21/2016	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	12/14/2016	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	3/9/2017	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	7/6/2017	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	10/10/2017	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	12/5/2017	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1

Champaign Former MGP
Analysis Results by Parameter
03/01/2016 to 12/31/2017

Well ID	Date Sampled	Cyanide, total (mg/L)	Benzo(a) pyrene (µg/L)	Benzo(b) fluoranthene (µg/L)	Benzo(g,h,i) perylene (µg/L)	Benzo(k) fluoranthene (µg/L)	Chrysene (µg/L)
UMW-301R	3/22/2016	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	6/21/2016	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	9/20/2016	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	12/14/2016	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	3/10/2017	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	7/7/2017	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	10/12/2017	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	12/7/2017	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
UMW-302	3/22/2016	0.121	<0.1	<0.1	<0.1	<0.1	<0.1
	6/22/2016	0.132	<0.1	<0.1	<0.1	<0.1	<0.1
	9/21/2016	0.117	<0.1	<0.1	<0.1	<0.1	<0.1
	12/13/2016	0.202	<0.1	<0.1	<0.1	<0.1	<0.1
	3/9/2017	0.189	<0.1	<0.1	<0.1	<0.1	<0.1
	7/6/2017	0.119	<0.1	<0.1	<0.1	<0.1	<0.1
	10/12/2017	0.117	<0.1	<0.1	<0.1	<0.1	<0.1
	12/7/2017	0.067	<0.1	<0.1	<0.1	<0.1	<0.1
UMW-303	3/24/2016	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	6/23/2016	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	12/15/2016	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	3/8/2017	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	7/6/2017	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	10/11/2017	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	12/5/2017	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
UMW-304R	3/22/2016	0.006	<0.1	<0.1	<0.1	<0.1	<0.1
	6/21/2016	0.006	<0.1	<0.1	<0.1	<0.1	<0.1
	9/20/2016	0.004	<0.1	<0.1	<0.1	<0.1	<0.1
	12/13/2016	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	3/9/2017	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	7/7/2017	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	10/12/2017	0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	12/8/2017	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
UMW-305	3/23/2016	0.014	<0.1	<0.1	<0.1	<0.1	<0.1
	6/22/2016	0.012	<0.1	<0.1	<0.1	<0.1	<0.1
	9/21/2016	0.011	<0.1	<0.1	<0.1	<0.1	<0.1
	12/14/2016	0.01	<0.1	<0.1	<0.1	<0.1	<0.1
	3/9/2017	0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	7/6/2017	0.008	<0.1	<0.1	<0.1	<0.1	<0.1
	10/12/2017	0.009	<0.1	<0.1	<0.1	<0.1	<0.1
	12/6/2017	0.012	<0.1	<0.1	<0.1	<0.1	<0.1

Champaign Former MGP
Analysis Results by Parameter
03/01/2016 to 12/31/2017

Well ID	Date Sampled	Cyanide, total (mg/L)	Benzo(a) pyrene (µg/L)	Benzo(b) fluoranthene (µg/L)	Benzo(g,h,i) perylene (µg/L)	Benzo(k) fluoranthene (µg/L)	Chrysene (µg/L)
UMW-306	3/23/2016	0.026	<0.1	<0.1	<0.1	<0.1	<0.1
	6/22/2016	0.048	<0.1	<0.1	<0.1	<0.1	<0.1
	9/21/2016	0.043	<0.1	<0.1	<0.1	<0.1	<0.1
	12/14/2016	0.038	<0.1	<0.1	<0.1	<0.1	<0.1
	3/9/2017	0.036	<0.1	<0.1	<0.1	<0.1	<0.1
	7/5/2017	0.036	<0.1	<0.1	<0.1	<0.1	<0.1
	10/11/2017	0.033	<0.1	<0.1	<0.1	<0.1	<0.1
	12/6/2017	0.014	<0.1	<0.1	<0.1	<0.1	<0.1
UMW-307	3/23/2016	0.027	<0.1	<0.1	<0.1	<0.1	<0.1
	6/22/2016	0.019	<0.1	<0.1	<0.1	<0.1	<0.1
	9/20/2016	0.006	<0.1	<0.1	<0.1	<0.1	<0.1
	12/14/2016	0.018	<0.1	<0.1	<0.1	<0.1	<0.1
	3/9/2017	0.021	<0.1	<0.1	<0.1	<0.1	<0.1
	7/5/2017	0.028	<0.1	<0.1	<0.1	<0.1	<0.1
	10/11/2017	0.027	<0.1	<0.1	<0.1	<0.1	<0.1
	12/6/2017	0.043	<0.1	<0.1	<0.1	<0.1	<0.1
UMW-308	3/22/2016	0.039	<0.1	<0.1	<0.1	<0.1	<0.1
	6/21/2016	0.032	<0.1	<0.1	<0.1	<0.1	<0.1
	9/20/2016	0.044	<0.1	<0.1	<0.1	<0.1	<0.1
	12/14/2016	0.022	<0.1	<0.1	<0.1	<0.1	<0.1
	3/10/2017	0.025	<0.1	<0.1	<0.1	<0.1	<0.1
	7/7/2017	0.021	<0.1	<0.1	<0.1	<0.1	<0.1
	10/13/2017	0.02	<0.1	<0.1	<0.1	<0.1	<0.1
	12/7/2017	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1

Champaign Former MGP
Analysis Results by Parameter
03/01/2016 to 12/31/2017

Well ID	Date Sampled	Dibenzo(a,h) anthracene (µg/L)	Ethylbenzene (µg/L)	Fluoranthene (µg/L)	Fluorene (µg/L)	Indeno(1,2,3-cd) pyrene (µg/L)
UMW-102	3/23/2016	<0.1	<5	<0.1	<0.1	<0.1
	6/22/2016	<0.1	<5	<0.1	<0.1	<0.1
	9/21/2016	<0.1	<5	<0.1	<0.1	<0.1
	12/15/2016	<0.1	<5	<0.1	<0.1	<0.1
	3/7/2017	<0.1	<5	<0.1	<0.1	<0.1
	7/5/2017	<0.1	<5	<0.1	<0.1	<0.1
	10/10/2017	<0.1	<5	<0.1	<0.1	<0.1
	12/4/2017	<0.1	<5	<0.1	<0.1	<0.1
UMW-105	3/22/2016	<0.1	<5	<0.1	<0.1	<0.1
	6/22/2016	<0.1	<5	<0.1	<0.1	<0.1
	9/22/2016	<0.1	<5	<0.1	<0.1	<0.1
	12/13/2016	<0.1	<5	<0.1	<0.1	<0.1
	3/9/2017	<0.1	<5	<0.1	<0.1	<0.1
	7/6/2017	<0.1	<5	<0.1	<0.1	<0.1
	10/12/2017	<0.1	<5	<0.1	<0.1	<0.1
	12/7/2017	<0.1	<5	<0.1	<0.1	<0.1
UMW-106R	3/23/2016	<0.1	<5	<0.1	<0.1	<0.1
	6/22/2016	<0.1	<5	<0.1	<0.1	<0.1
	9/20/2016	<0.1	<5	<0.1	<0.1	<0.1
	12/14/2016	<0.1	<5	<0.1	<0.1	<0.1
	3/8/2017	<0.1	<5	<0.1	<0.1	<0.1
	7/6/2017	<0.1	<5	<0.1	<0.1	<0.1
	10/11/2017	<0.1	<5	<0.1	<0.1	<0.1
	12/6/2017	<0.1	<5	<0.1	<0.1	<0.1
UMW-107R	3/24/2016	<0.1	<5	<0.1	<0.1	<0.1
	6/23/2016	<0.1	<5	<0.1	<0.1	<0.1
	9/21/2016	<0.1	<5	<0.1	<0.1	<0.1
	12/15/2016	<0.1	<5	<0.1	<0.1	<0.1
	3/8/2017	<0.1	<5	<0.1	<0.1	<0.1
	7/6/2017	<0.1	<5	<0.1	<0.1	<0.1
	10/11/2017	<0.1	<5	<0.1	<0.1	<0.1
	12/6/2017	<0.1	<5	<0.1	<0.1	<0.1
UMW-108	3/23/2016	<0.1	<5	<0.1	<0.1	<0.1
	6/23/2016	<0.1	<5	<0.1	<0.1	<0.1
	9/21/2016	<0.1	<5	<0.1	<0.1	<0.1
	12/15/2016	<0.1	<5	<0.1	<0.1	<0.1
	3/7/2017	<0.1	<5	<0.1	<0.1	<0.1
	7/6/2017	<0.1	<5	<0.1	<0.1	<0.1
	10/10/2017	<0.1	<5	<0.1	<0.1	<0.1
	12/5/2017	<0.1	<5	<0.1	<0.1	<0.1

Champaign Former MGP
Analysis Results by Parameter
03/01/2016 to 12/31/2017

Well ID	Date Sampled	Dibenzo(a,h) anthracene (µg/L)	Ethylbenzene (µg/L)	Fluoranthene (µg/L)	Fluorene (µg/L)	Indeno(1,2,3-cd) pyrene (µg/L)
UMW-109	3/23/2016	<0.1	<5	<0.1	<0.1	<0.1
	6/22/2016	<0.1	<5	<0.1	<0.1	<0.1
	9/21/2016	<0.1	<5	<0.1	<0.1	<0.1
	12/15/2016	<0.1	<5	<0.1	<0.1	<0.1
	3/7/2017	<0.1	<5	<0.1	<0.1	<0.1
	7/5/2017	<0.1	<5	<0.1	<0.1	<0.1
	10/10/2017	<0.1	<5	<0.1	<0.1	<0.1
	12/5/2017	<0.1	<5	<0.1	<0.1	<0.1
UMW-111A	3/23/2016	<0.1	<5	<0.1	<0.1	<0.1
	6/22/2016	<0.1	<5	<0.1	<0.1	<0.1
	9/21/2016	<0.1	<5	<0.1	<0.1	<0.1
	12/14/2016	<0.1	<5	<0.1	<0.1	<0.1
	3/7/2017	<0.1	<5	<0.1	<0.1	<0.1
	7/6/2017	<0.1	<5	<0.1	<0.1	<0.1
	10/10/2017	<0.1	<5	<0.1	<0.1	<0.1
	12/6/2017	<0.1	<5	<0.1	<0.1	<0.1
UMW-116	3/24/2016	<0.1	<5	<0.1	<0.1	<0.1
	6/23/2016	<0.1	<5	<0.1	<0.1	<0.1
	9/21/2016	<0.1	<5	<0.1	<0.1	<0.1
	12/15/2016	<0.1	<5	<0.1	<0.1	<0.1
	3/8/2017	<0.1	<5	<0.1	<0.1	<0.1
	7/6/2017	<0.1	<5	<0.1	<0.1	<0.1
	10/11/2017	<0.1	<5	<0.1	<0.1	<0.1
	12/6/2017	<0.1	<5	<0.1	<0.1	<0.1
UMW-117	3/22/2016	<0.1	<5	<0.1	<0.1	<0.1
	6/23/2016	<0.1	<5	<0.1	<0.1	<0.1
	9/21/2016	<0.1	<5	<0.1	<0.1	<0.1
	12/15/2016	<0.1	<5	<0.1	<0.1	<0.1
	3/8/2017	<0.1	<5	<0.1	<0.1	<0.1
	7/6/2017	<0.1	<5	<0.1	<0.1	<0.1
	10/11/2017	<0.1	<5	<0.1	<0.1	<0.1
	12/5/2017	<0.1	<5	<0.1	<0.1	<0.1
UMW-118	12/3/2015	<0.1	<5	<0.1	<0.1	<0.1
	3/21/2016	<0.1	<5	<0.1	<0.1	<0.1
	6/22/2016	<0.1	<5	<0.1	<0.1	<0.1
	9/21/2016	<0.1	<5	<0.1	<0.1	<0.1
	12/15/2016	<0.1	<5	0.18	<0.1	0.15
	3/8/2017	<0.1	<5	<0.1	<0.1	<0.1
	7/6/2017	0.1	<5	1.04	0.11	0.33
	10/10/2017	<0.1	<5	0.19	<0.1	0.1
12/5/2017	<0.1	<5	0.26	<0.1	<0.1	

Champaign Former MGP
Analysis Results by Parameter
03/01/2016 to 12/31/2017

Well ID	Date Sampled	Dibenzo(a,h) anthracene (µg/L)	Ethylbenzene (µg/L)	Fluoranthene (µg/L)	Fluorene (µg/L)	Indeno(1,2,3-cd) pyrene (µg/L)
UMW-119	3/23/2016	<0.1	<5	<0.1	<0.1	<0.1
	6/22/2016	<0.1	<5	<0.1	<0.1	<0.1
	9/21/2016	<0.1	<5	<0.1	<0.1	<0.1
	12/15/2016	<0.1	<5	<0.1	<0.1	<0.1
	3/7/2017	<0.1	<5	<0.1	<0.1	<0.1
	7/5/2017	<0.1	<5	<0.1	<0.1	<0.1
	10/11/2017	<0.1	<5	0.31	<0.1	<0.1
	12/5/2017	<0.1	<5	<0.1	<0.1	<0.1
UMW-120	3/21/2016	<0.1	<5	<0.1	<0.1	<0.1
	6/22/2016	<0.1	<5	<0.1	<0.1	<0.1
	9/21/2016	<0.1	<5	<0.1	<0.1	<0.1
	12/15/2016	<0.1	<5	<0.1	<0.1	<0.1
	3/8/2017	<0.1	<5	<0.1	<0.1	<0.1
	7/6/2017	<0.1	<5	<0.1	<0.1	<0.1
	10/9/2017	<0.1	<5	<0.1	<0.1	<0.1
	12/4/2017	<0.1	<5	<0.1	<0.1	<0.1
UMW-121	3/22/2016	<0.1	<5	<0.1	<0.1	<0.1
	6/22/2016	<0.1	<5	<0.1	<0.1	<0.1
	9/21/2016	<0.1	<5	<0.1	<0.1	<0.1
	12/13/2016	<0.1	<5	<0.1	<0.1	<0.1
	3/9/2017	<0.1	<5	<0.1	<0.1	<0.1
	7/6/2017	<0.1	<5	<0.1	<0.1	<0.1
	10/12/2017	<0.1	<5	<0.1	<0.1	<0.1
	12/7/2017	<0.1	<5	<0.1	<0.1	<0.1
UMW-122	3/22/2016	<0.1	<5	<0.1	<0.1	<0.1
	6/23/2016	<0.1	<5	<0.1	<0.1	<0.1
UMW-123	3/23/2016	<0.1	<5	<0.1	<0.1	<0.1
	6/21/2016	<0.1	<5	<0.1	<0.1	<0.1
	9/20/2016	<0.1	<5	<0.1	<0.1	<0.1
	12/15/2016	<0.1	<5	<0.1	<0.1	<0.1
	3/8/2017	<0.1	<5	<0.1	<0.1	<0.1
	7/6/2017	<0.1	<5	<0.1	<0.1	<0.1
	10/11/2017	<0.1	<5	<0.1	<0.1	<0.1
	12/6/2017	<0.1	<5	<0.1	<0.1	<0.1

Champaign Former MGP
Analysis Results by Parameter
03/01/2016 to 12/31/2017

Well ID	Date Sampled	Dibenzo(a,h) anthracene (µg/L)	Ethylbenzene (µg/L)	Fluoranthene (µg/L)	Fluorene (µg/L)	Indeno(1,2,3-cd) pyrene (µg/L)
UMW-124	3/22/2016	<0.1	19.5	<0.1	0.2	<0.1
	6/21/2016	<0.5	22.9	<0.5	<0.5	<0.5
	9/20/2016	<0.1	15	<0.1	0.24	<0.1
	12/14/2016	<0.1	11	<0.1	0.18	<0.1
	3/10/2017	<0.1	3.1	<0.1	0.17	<0.1
	7/7/2017	<0.1	10.6	<0.1	0.31	<0.1
	10/13/2017	<0.1	6.5	<0.1	0.17	<0.1
	12/7/2017	<0.1	11	<0.1	0.17	<0.1
UMW-125	3/23/2016	<0.1	<5	<0.1	<0.1	<0.1
	6/21/2016	<0.1	<5	<0.1	<0.1	<0.1
	9/20/2016	<0.1	<5	<0.1	<0.1	<0.1
	12/13/2016	<0.1	<5	<0.1	<0.1	<0.1
	3/9/2017	<0.1	<5	<0.1	<0.1	<0.1
	7/6/2017	<0.1	<5	<0.1	<0.1	<0.1
	10/12/2017	<0.1	1.3	<0.1	<0.1	<0.1
	12/8/2017	<0.1	<5	<0.1	<0.1	<0.1
UMW-126	3/22/2016	<0.1	<5	<0.1	<0.1	<0.1
	6/21/2016	<0.1	<5	<0.1	<0.1	<0.1
	9/20/2016	<0.1	<5	<0.1	<0.1	<0.1
	12/14/2016	<0.1	<5	<0.1	<0.1	<0.1
	3/10/2017	<0.1	<5	<0.1	<0.1	<0.1
	7/7/2017	<0.1	<5	<0.1	<0.1	<0.1
	10/12/2017	<0.1	<5	<0.1	<0.1	<0.1
	12/7/2007	<0.1	<5	<0.1	<0.1	<0.1
UMW-127	3/22/2016	<0.1	<5	<0.1	0.12	<0.1
	6/21/2016	<0.1	<5	<0.1	0.13	<0.1
	9/20/2016	<0.1	<5	<0.1	0.15	<0.1
	12/14/2016	<0.1	<5	<0.1	0.2	<0.1
	3/9/2017	<0.1	<5	<0.1	0.16	<0.1
	7/7/2017	<0.1	<5	<0.1	0.27	<0.1
	10/12/2017	<0.1	<5	<0.1	0.16	<0.1
	12/7/2017	<0.1	<5	<0.1	0.15	<0.1
UMW-300	3/23/2016	<0.1	<5	<0.1	<0.1	<0.1
	6/22/2016	<0.1	<5	<0.1	<0.1	<0.1
	9/21/2016	<0.1	<5	<0.1	<0.1	<0.1
	12/14/2016	<0.1	<5	<0.1	<0.1	<0.1
	3/9/2017	<0.1	<5	<0.1	<0.1	<0.1
	7/6/2017	<0.1	<5	<0.1	<0.1	<0.1
	10/10/2017	<0.1	<5	<0.1	<0.1	<0.1
	12/5/2017	<0.1	<5	<0.1	<0.1	<0.1

Champaign Former MGP
Analysis Results by Parameter
03/01/2016 to 12/31/2017

Well ID	Date Sampled	Dibenzo(a,h) anthracene (µg/L)	Ethylbenzene (µg/L)	Fluoranthene (µg/L)	Fluorene (µg/L)	Indeno(1,2,3-cd) pyrene (µg/L)
UMW-301R	3/22/2016	<0.1	<5	<0.1	<0.1	<0.1
	6/21/2016	<0.1	<5	<0.1	0.12	<0.1
	9/20/2016	<0.1	<5	<0.1	0.12	<0.1
	12/14/2016	<0.1	<5	<0.1	<0.1	<0.1
	3/10/2017	<0.1	<5	<0.1	0.14	<0.1
	7/7/2017	<0.1	<5	<0.1	0.16	<0.1
	10/12/2017	<0.1	<5	<0.1	0.12	<0.1
	12/7/2017	<0.1	<5	<0.1	0.11	<0.1
UMW-302	3/22/2016	<0.1	635	<0.1	<0.1	<0.1
	6/22/2016	<0.1	720	<0.1	<0.1	<0.1
	9/21/2016	<0.1	604	<0.1	<0.1	<0.1
	12/13/2016	<0.1	603	<0.1	<0.1	<0.1
	3/9/2017	<0.1	1.3	<0.1	<0.1	<0.1
	7/6/2017	<0.1	582	<0.1	<0.1	<0.1
	10/12/2017	<0.1	628	<0.1	<0.1	<0.1
12/7/2017	<0.1	771	<0.1	<0.1	<0.1	
UMW-303	3/24/2016	<0.1	<5	<0.1	<0.1	<0.1
	6/23/2016	<0.1	<5	<0.1	<0.1	<0.1
	12/15/2016	<0.1	<5	<0.1	<0.1	<0.1
	3/8/2017	<0.1	<5	<0.1	<0.1	<0.1
	7/6/2017	<0.1	<5	<0.1	<0.1	<0.1
	10/11/2017	<0.1	<5	<0.1	<0.1	<0.1
UMW-304R	12/5/2017	<0.1	<5	<0.1	<0.1	<0.1
	3/22/2016	<0.1	<5	<0.1	<0.1	<0.1
	6/21/2016	<0.1	<5	<0.1	<0.1	<0.1
	9/20/2016	<0.1	<5	<0.1	<0.1	<0.1
	12/13/2016	<0.1	<5	<0.1	<0.1	<0.1
	3/9/2017	<0.1	<5	<0.1	<0.1	<0.1
	7/7/2017	<0.1	<5	<0.1	<0.1	<0.1
	10/12/2017	<0.1	<5	<0.1	<0.1	<0.1
12/8/2017	<0.1	<5	<0.1	<0.1	<0.1	
UMW-305	3/23/2016	<0.1	<5	<0.1	<0.1	<0.1
	6/22/2016	<0.1	<5	<0.1	<0.1	<0.1
	9/21/2016	<0.1	<5	<0.1	<0.1	<0.1
	12/14/2016	<0.1	<5	<0.1	<0.1	<0.1
	3/9/2017	<0.1	<5	<0.1	<0.1	<0.1
	7/6/2017	<0.1	<5	<0.1	<0.1	<0.1
	10/12/2017	<0.1	<5	<0.1	<0.1	<0.1
12/6/2017	<0.1	<5	<0.1	<0.1	<0.1	

Champaign Former MGP
Analysis Results by Parameter
03/01/2016 to 12/31/2017

Well ID	Date Sampled	Dibenzo(a,h) anthracene (µg/L)	Ethylbenzene (µg/L)	Fluoranthene (µg/L)	Fluorene (µg/L)	Indeno(1,2,3-cd) pyrene (µg/L)
UMW-306	3/23/2016	<0.1	<5	<0.1	<0.1	<0.1
	6/22/2016	<0.1	<5	<0.1	<0.1	<0.1
	9/21/2016	<0.1	<5	<0.1	<0.1	<0.1
	12/14/2016	<0.1	<5	<0.1	<0.1	<0.1
	3/9/2017	<0.1	<5	<0.1	<0.1	<0.1
	7/5/2017	<0.1	<5	<0.1	<0.1	<0.1
	10/11/2017	<0.1	<5	<0.1	<0.1	<0.1
	12/6/2017	<0.1	<5	<0.1	<0.1	<0.1
UMW-307	3/23/2016	<0.1	<5	<0.1	<0.1	<0.1
	6/22/2016	<0.1	<5	<0.1	<0.1	<0.1
	9/20/2016	<0.1	<5	<0.1	<0.1	<0.1
	12/14/2016	<0.1	<5	<0.1	<0.1	<0.1
	3/9/2017	<0.1	<5	<0.1	<0.1	<0.1
	7/5/2017	<0.1	<5	<0.1	<0.1	<0.1
	10/11/2017	<0.1	<5	<0.1	<0.1	<0.1
	12/6/2017	<0.1	<5	<0.1	<0.1	<0.1
UMW-308	3/22/2016	<0.1	<5	<0.1	<0.1	<0.1
	6/21/2016	<0.1	<5	<0.1	<0.1	<0.1
	9/20/2016	<0.1	<5	<0.1	<0.1	<0.1
	12/14/2016	<0.1	<5	<0.1	<0.1	<0.1
	3/10/2017	<0.1	<5	<0.1	<0.1	<0.1
	7/7/2017	<0.1	<5	<0.1	<0.1	<0.1
	10/13/2017	<0.1	<5	<0.1	<0.1	<0.1
	12/7/2017	<0.1	<5	<0.1	<0.1	<0.1

Champaign Former MGP
Analysis Results by Parameter
03/01/2016 to 12/31/2017

Well ID	Date Sampled	Naphthalene (µg/L)	Phenanthrene (µg/L)	Pyrene (µg/L)	Toluene (µg/L)	Xylene, total (µg/L)
UMW-102	3/23/2016	<0.23	<0.1	<0.1	<5	<5
	6/22/2016	<0.1	<0.1	<0.1	<5	<5
	9/21/2016	<0.1	<0.1	<0.1	<5	<5
	12/15/2016	<0.1	<0.1	<0.1	<5	<5
	3/7/2017	<0.1	<0.1	<0.1	<5	<5
	7/5/2017	<0.1	<0.1	<0.1	<5	<5
	10/10/2017	<0.1	<0.1	<0.1	<5	<5
	12/4/2017	<0.1	<0.1	<0.1	<5	<5
UMW-105	3/22/2016	0.39	<0.1	<0.1	<5	<5
	6/22/2016	<0.1	<0.1	<0.1	<5	<5
	9/22/2016	<0.1	<0.1	<0.1	<5	<5
	12/13/2016	<0.1	<0.1	<0.1	<5	<5
	3/9/2017	<0.1	<0.1	<0.1	<5	<5
	7/6/2017	<0.1	<0.1	<0.1	<5	<5
	10/12/2017	<0.1	<0.1	<0.1	<5	<5
	12/7/2017	<0.1	<0.1	<0.1	<5	<5
UMW-106R	3/23/2016	<0.1	<0.1	<0.1	<5	<5
	6/22/2016	<0.1	<0.1	<0.1	<5	<5
	9/20/2016	<0.1	<0.1	<0.1	<5	<5
	12/14/2016	<0.1	<0.1	<0.1	<5	<5
	3/8/2017	<0.1	<0.1	<0.1	<5	<5
	7/6/2017	<0.1	<0.1	<0.1	<5	<5
	10/11/2017	<0.1	<0.1	<0.1	<5	<5
	12/6/2017	<0.1	<0.1	<0.1	<5	<5
UMW-107R	3/24/2016	0.21	<0.1	<0.1	<5	<5
	6/23/2016	0.09	<0.1	<0.1	<5	<5
	9/21/2016	<0.1	<0.1	<0.1	<5	<5
	12/15/2016	0.15	<0.1	<0.1	<5	<5
	3/8/2017	<0.1	<0.1	<0.1	<5	<5
	7/6/2017	<0.1	<0.1	<0.1	<5	<5
	10/11/2017	<0.1	<0.1	<0.1	<5	<5
	12/6/2017	<0.1	<0.1	<0.1	<5	<5
UMW-108	3/23/2016	<0.1	<0.1	<0.1	<5	<5
	6/23/2016	<0.1	<0.1	<0.1	<5	<5
	9/21/2016	<0.1	<0.1	<0.1	<5	<5
	12/15/2016	<0.1	<0.1	<0.1	<5	<5
	3/7/2017	<0.1	<0.1	<0.1	<5	<5
	7/6/2017	<0.1	<0.1	<0.1	<5	<5
	10/10/2017	<0.1	<0.1	<0.1	<5	<5
	12/5/2017	<0.1	<0.1	<0.1	<5	<5

Champaign Former MGP
Analysis Results by Parameter
03/01/2016 to 12/31/2017

Well ID	Date Sampled	Naphthalene (µg/L)	Phenanthrene (µg/L)	Pyrene (µg/L)	Toluene (µg/L)	Xylene, total (µg/L)
UMW-109	3/23/2016	<0.1	<0.1	<0.1	<5	<5
	6/22/2016	<0.1	<0.1	<0.1	<5	<5
	9/21/2016	<0.1	<0.1	<0.1	<5	<5
	12/15/2016	<0.1	<0.1	<0.1	<5	<5
	3/7/2017	<0.1	<0.1	<0.1	<5	<5
	7/5/2017	<0.1	<0.1	<0.1	<5	<5
	10/10/2017	<0.1	<0.1	<0.1	<5	<5
	12/5/2017	<0.1	<0.1	<0.1	<5	<5
UMW-111A	3/23/2016	<0.1	<0.1	<0.1	<5	<5
	6/22/2016	<0.1	<0.1	<0.1	<5	<5
	9/21/2016	<0.1	<0.1	<0.1	<5	<5
	12/14/2016	<0.1	<0.1	<0.1	<5	<5
	3/7/2017	<0.1	<0.1	<0.1	<5	<5
	7/6/2017	<0.1	<0.1	<0.1	<5	<5
	10/10/2017	<0.1	<0.1	<0.1	<5	<5
	12/6/2017	<0.1	<0.1	<0.1	<5	<5
UMW-116	3/24/2016	<0.1	<0.1	<0.1	<5	<5
	6/23/2016	<0.1	<0.1	<0.1	<5	<5
	9/21/2016	<0.1	<0.1	<0.1	<5	<5
	12/15/2016	0.43	<0.1	<0.1	<5	<5
	3/8/2017	<0.1	<0.1	<0.1	<5	<5
	7/6/2017	<0.1	<0.1	<0.1	<5	<5
	10/11/2017	<0.1	<0.1	<0.1	<5	<5
	12/6/2017	<0.1	<0.1	<0.1	<5	<5
UMW-117	3/22/2016	<0.28	<0.1	<0.1	<5	<5
	6/23/2016	<0.1	<0.1	<0.1	<5	<5
	9/21/2016	<0.1	<0.1	<0.1	<5	<5
	12/15/2016	<0.1	<0.1	<0.1	<5	<5
	3/8/2017	<0.1	<0.1	<0.1	<5	<5
	7/6/2017	<0.1	<0.1	<0.1	<5	<5
	10/11/2017	<0.1	<0.1	<0.1	<5	<5
	12/5/2017	<0.1	<0.1	<0.1	<5	<5
UMW-118	12/3/2015	<0.1	<0.1	<0.1	<5	<5
	3/21/2016	<0.1	<0.1	<0.1	<5	<5
	6/22/2016	<0.1	<0.1	<0.1	<5	<5
	9/21/2016	<0.1	<0.1	<0.1	<5	<5
	12/15/2016	<0.1	<0.1	0.76	<5	<5
	3/8/2017	<0.1	<0.1	<0.1	<5	<5
	7/6/2017	<0.1	0.14	5	<5	<5
	10/10/2017	<0.1	<0.1	0.93	<5	<5
12/5/2017	<0.1	<0.1	1.15	<5	<5	

Champaign Former MGP
Analysis Results by Parameter
03/01/2016 to 12/31/2017

Well ID	Date Sampled	Naphthalene (µg/L)	Phenanthrene (µg/L)	Pyrene (µg/L)	Toluene (µg/L)	Xylene, total (µg/L)
UMW-119	3/23/2016	<0.1	<0.1	<0.1	<5	<5
	6/22/2016	<0.1	<0.1	<0.1	<5	<5
	9/21/2016	<0.1	<0.1	<0.1	<5	<5
	12/15/2016	<0.1	<0.1	<0.1	<5	<5
	3/7/2017	<0.1	<0.1	<0.1	<5	<5
	7/5/2017	<0.1	<0.1	<0.1	<5	<5
	10/11/2017	<0.1	0.16	0.44	<5	<5
	12/5/2017	<0.1	<0.1	<0.1	<5	<5
UMW-120	3/21/2016	<0.1	<0.1	<0.1	<5	<5
	6/22/2016	<0.1	<0.1	<0.1	<5	<5
	9/21/2016	<0.1	<0.1	<0.1	<5	<5
	12/15/2016	<0.1	<0.1	<0.1	<5	<5
	3/8/2017	<0.1	<0.1	<0.1	<5	<5
	7/6/2017	<0.1	<0.1	<0.1	<5	<5
	10/9/2017	<0.1	<0.1	<0.1	<5	<5
	12/4/2017	<0.1	<0.1	<0.1	<5	<5
UMW-121	3/22/2016	<0.19	<0.1	<0.1	<5	<5
	6/22/2016	<0.1	<0.1	<0.1	<5	<5
	9/21/2016	<0.1	<0.1	<0.1	<5	<5
	12/13/2016	<0.1	<0.1	<0.1	<5	<5
	3/9/2017	<0.1	<0.1	<0.1	<5	<5
	7/6/2017	<0.1	<0.1	<0.1	<5	<5
	10/12/2017	<0.1	<0.1	<0.1	<5	<5
	12/7/2017	<0.1	<0.1	<0.1	<5	<5
UMW-122	3/22/2016	<0.25	<0.1	<0.1	<5	<5
	6/23/2016	<0.1	<0.1	<0.1	<5	<5
UMW-123	3/23/2016	<0.1	<0.1	<0.1	<5	<5
	6/21/2016	<0.1	<0.1	<0.1	<5	<5
	9/20/2016	<0.1	<0.1	<0.1	<5	<5
	12/15/2016	<0.1	<0.1	<0.1	<5	<5
	3/8/2017	<0.1	<0.1	<0.1	<5	<5
	7/6/2017	<0.1	<0.1	<0.1	<5	<5
	10/11/2017	<0.1	<0.1	<0.1	<5	<5
	12/6/2017	0.11	<0.1	<0.1	<5	<5

Champaign Former MGP
Analysis Results by Parameter
03/01/2016 to 12/31/2017

Well ID	Date Sampled	Naphthalene (µg/L)	Phenanthrene (µg/L)	Pyrene (µg/L)	Toluene (µg/L)	Xylene, total (µg/L)
UMW-124	3/22/2016	64.7	0.2	<0.1	80.7	52.4
	6/21/2016	61.8	<0.5	<0.5	86.2	60
	9/20/2016	52.7	0.24	<0.1	59.2	37
	12/14/2016	27.3	0.12	<0.1	37	28
	3/10/2017	25	0.11	<0.1	22.5	13.4
	7/7/2017	47.9	0.28	<0.1	44.8	28.2
	10/13/2017	30.4	<0.1	<0.1	27.6	17.1
	12/7/2017	45.4	0.21	<0.1	55.8	32
UMW-125	3/23/2016	0.28	<0.1	<0.1	<5	<5
	6/21/2016	0.83	0.11	<0.1	<5	<5
	9/20/2016	0.23	<0.1	<0.1	<5	<5
	12/13/2016	0.58	<0.1	<0.1	<5	<5
	3/9/2017	0.64	<0.1	<0.1	<5	<5
	7/6/2017	1.3	0.11	<0.1	<5	<5
	10/12/2017	3.19	0.31	<0.1	2	1.4
	12/8/2017	0.79	<0.1	<0.1	<5	<5
UMW-126	3/22/2016	<0.18	<0.1	<0.1	3.3	<5
	6/21/2016	<0.1	<0.1	<0.1	<5	<5
	9/20/2016	<0.1	<0.1	<0.1	<5	<5
	12/14/2016	<0.1	<0.1	<0.1	<5	<5
	3/10/2017	<0.1	<0.1	<0.1	<5	<5
	7/7/2017	<0.1	<0.1	<0.1	<5	<5
	10/12/2017	<0.1	<0.1	<0.1	<5	<5
	12/7/2007	0.29	<0.1	<0.1	<5	<5
UMW-127	3/22/2016	1.13	0.28	<0.1	<5	<5
	6/21/2016	1.27	0.32	<0.1	1	<5
	9/20/2016	2.11	0.33	<0.1	1	<5
	12/14/2016	1.72	0.27	<0.1	<5	<5
	3/9/2017	1.64	0.2	<0.1	<5	<5
	7/7/2017	2.48	0.47	<0.1	<5	<5
	10/12/2017	1.84	0.4	<0.1	<5	<5
	12/7/2017	2.64	0.33	<0.1	1	<5
UMW-300	3/23/2016	<0.1	<0.1	<0.1	<5	<5
	6/22/2016	<0.1	<0.1	<0.1	<5	<5
	9/21/2016	<0.1	<0.1	<0.1	<5	<5
	12/14/2016	<0.1	<0.1	<0.1	<5	<5
	3/9/2017	<0.1	<0.1	<0.1	<5	<5
	7/6/2017	0.18	<0.1	<0.1	<5	<5
	10/10/2017	<0.1	<0.1	<0.1	<5	<5
	12/5/2017	<0.1	<0.1	<0.1	<5	<5

Champaign Former MGP
Analysis Results by Parameter
03/01/2016 to 12/31/2017

Well ID	Date Sampled	Naphthalene (µg/L)	Phenanthrene (µg/L)	Pyrene (µg/L)	Toluene (µg/L)	Xylene, total (µg/L)
UMW-301R	3/22/2016	<0.1	<0.1	<0.1	<5	<5
	6/21/2016	<0.1	<0.1	<0.1	<5	<5
	9/20/2016	<0.1	<0.1	<0.1	<5	<5
	12/14/2016	<0.1	<0.1	<0.1	<5	<5
	3/10/2017	<0.1	<0.1	<0.1	<5	<5
	7/7/2017	<0.1	<0.1	<0.1	<5	<5
	10/12/2017	<0.1	<0.1	<0.1	<5	<5
	12/7/2017	<0.1	<0.1	<0.1	<5	<5
UMW-302	3/22/2016	2,540	<0.1	<0.1	<250	150
	6/22/2016	1,490	<0.1	<0.1	<250	140
	9/21/2016	1,700	<0.1	<0.1	<50	105
	12/13/2016	1,050	<0.1	<0.1	<50.0	116
	3/9/2017	1,690	<0.1	<0.1	<5	<5
	7/6/2017	1,940	<0.1	<0.1	<50	128
	10/12/2017	2,290	<0.1	<0.1	<50	133
	12/7/2017	2,050	<0.1	<0.1	<50	182
UMW-303	3/24/2016	<0.1	<0.1	<0.1	<5	<5
	6/23/2016	<0.1	<0.1	<0.1	<5	<5
	12/15/2016	<0.1	<0.1	<0.1	<5	<5
	3/8/2017	<0.1	<0.1	<0.1	<5	<5
	7/6/2017	<0.1	<0.1	<0.1	<5	<5
	10/11/2017	<0.1	<0.1	<0.1	<5	<5
	12/5/2017	<0.1	<0.1	<0.1	<5	<5
UMW-304R	3/22/2016	<0.1	<0.1	<0.1	<5	<5
	6/21/2016	<0.1	<0.1	<0.1	<5	<5
	9/20/2016	<0.1	<0.1	<0.1	<5	<5
	12/13/2016	0.21	<0.1	<0.1	<5	<5
	3/9/2017	0.14	0.11	<0.1	<5	<5
	7/7/2017	<0.1	<0.1	<0.1	<5	<5
	10/12/2017	<0.1	<0.1	<0.1	<5	<5
	12/8/2017	0.64	<0.1	<0.1	<5	<5
UMW-305	3/23/2016	<0.1	<0.1	<0.1	<5	<5
	6/22/2016	<0.23	<0.1	<0.1	<5	<5
	9/21/2016	0.33	<0.1	<0.1	<5	<5
	12/14/2016	<0.1	<0.1	<0.1	<5	<5
	3/9/2017	<0.1	<0.1	<0.1	<5	<5
	7/6/2017	<0.1	<0.1	<0.1	<5	<5
	10/12/2017	0.43	<0.1	<0.1	<5	<5
	12/6/2017	0.43	<0.1	<0.1	<5	<5

Champaign Former MGP
Analysis Results by Parameter
03/01/2016 to 12/31/2017

Well ID	Date Sampled	Naphthalene (µg/L)	Phenanthrene (µg/L)	Pyrene (µg/L)	Toluene (µg/L)	Xylene, total (µg/L)
UMW-306	3/23/2016	<0.1	<0.1	<0.1	<5	<5
	6/22/2016	<0.29	<0.1	<0.1	<5	<5
	9/21/2016	<0.1	<0.1	<0.1	<5	<5
	12/14/2016	<0.1	<0.1	<0.1	<5	<5
	3/9/2017	<0.1	<0.1	<0.1	<5	<5
	7/5/2017	<0.1	<0.1	<0.1	<5	<5
	10/11/2017	<0.1	<0.1	<0.1	<5	<5
	12/6/2017	<0.1	<0.1	<0.1	<5	<5
UMW-307	3/23/2016	<0.1	<0.1	<0.1	<5	<5
	6/22/2016	<0.25	<0.1	<0.1	<5	<5
	9/20/2016	<0.1	<0.1	<0.1	<5	<5
	12/14/2016	<0.1	<0.1	<0.1	<5	<5
	3/9/2017	<0.1	<0.1	<0.1	<5	<5
	7/5/2017	<0.1	<0.1	<0.1	<5	<5
	10/11/2017	<0.1	<0.1	<0.1	<5	<5
	12/6/2017	<0.1	<0.1	<0.1	<5	<5
UMW-308	3/22/2016	<0.1	<0.1	<0.1	<5	<5
	6/21/2016	<0.1	<0.1	<0.1	<5	<5
	9/20/2016	<0.1	<0.1	<0.1	<5	<5
	12/14/2016	<0.1	<0.1	<0.1	<5	<5
	3/10/2017	<0.1	<0.1	<0.1	<5	<5
	7/7/2017	<0.1	<0.1	<0.1	<5	<5
	10/13/2017	<0.1	<0.1	<0.1	<5	<5
	12/7/2017	<0.1	<0.1	<0.1	<5	<5

ATTACHMENT 3

Table 2 – Groundwater Sample Analytical Results December 2017
Laboratory Analytical Report and
Chain-of-Custodies

TABLE 2
Groundwater Sample Analytical Results
December 2017
Champaign Former MGP Site
Champaign, Illinois

CONSTITUENT (mg/L)	Class I Standard	Class II Standard	Units	UMW-102 12/4/2017	UMW-105 12/7/2017	UMW-106R 12/6/2017	UMW-107R 12/6/2017	UMW-907 ⁽²⁾ 12/6/2017	UMW-108 12/5/2017	UMW-109 12/5/2017	UMW-111A 12/6/2017	UMW-116 12/6/2017	UMW-117 12/5/2017	UMW-118 12/5/2017
Benzene	0.005	0.025	mg/L	< 0.002	< 0.002	< 0.002	0.0219	0.0178	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Ethylbenzene	0.70	1.00	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Toluene	1.0	2.5	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Xylene (total)	10.0	10.0	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Acenaphthene	0.42	2.10	mg/L	< 0.00010	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	0.21 ⁽¹⁾	1.05 ⁽¹⁾	mg/L	< 0.00010	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00012
Anthracene	2.1	10.5	mg/L	< 0.00010	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	0.00013	0.00065	mg/L	< 0.00010	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00025
Benzo(a)pyrene	0.0002	0.0020	mg/L	< 0.00010	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00034
Benzo(b)fluoranthene	0.00018	0.00900	mg/L	< 0.00010	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.0004
Benzo(g,h,i)perylene	0.21 ⁽¹⁾	1.05 ⁽¹⁾	mg/L	< 0.00010	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(k)fluoranthene	0.00017	0.00085	mg/L	< 0.00010	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00016
Chrysene	0.0015	0.0075	mg/L	< 0.00010	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00013
Dibenzo(a,h)anthracene	0.0003	0.0015	mg/L	< 0.00010	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Fluoranthene	0.28	1.40	mg/L	< 0.00010	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00026
Fluorene	0.28	1.40	mg/L	< 0.00010	< 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	0.00043	0.00215	mg/L	< 0.00010	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Naphthalene	0.14	0.22	mg/L	< 0.00010	< 0.0001	< 0.0001	< 0.0001	0.00069	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Phenanthrene	0.21 ⁽¹⁾	1.05 ⁽¹⁾	mg/L	< 0.00010	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Pyrene	0.21	1.05	mg/L	< 0.00010	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00115
Cyanide (total) 9012A	0.20	0.60	mg/L	< 0.005	0.049	0.044	0.509	0.516	0.029	< 0.005	< 0.005	< 0.005	< 0.005	0.059

Notes:
 * Shallow groundwater (UMW-100 series wells) is defined as Class II groundwater. Intermediate groundwater (UMW-300 series wells) is defined as Class I groundwater.
⁽¹⁾ Non-TACO ROs published by the IEPA.
⁽²⁾ Duplicate of monitoring well UMW-107R.
⁽³⁾ Duplicate of monitoring well UMW-302.
2.5 Constituent exceeds Class I Groundwater Standard.
62.5 Constituent exceeds Class II Groundwater Standard.
 mg/L Milligrams per liter
 <0.0001 Not detected at the detection limit identified.
 J Analyte detected below quantitation limits
 S Spike Recovery outside recovery limits

TABLE 2
Groundwater Sample Analytical Results
December 2017
Champaign Former MGP Site
Champaign, Illinois

CONSTITUENT (mg/L)	Class I Standard	Class II Standard	Units	UMW-119 12/5/2017	UMW-120 12/4/2017	UMW-121 12/7/2017	UMW-122 not sampled	UMW-123 12/6/2017	UMW-124 12/7/2017	UMW-125 12/8/2017	UMW-126 12/7/2017	UMW-127 12/7/2017	UMW-300 12/5/2017	UMW-301 R 12/7/2017
Benzene	0.005	0.025	mg/L	< 0.002	< 0.002	< 0.002		< 0.002	0.120	0.0051	0.0115	0.003	< 0.002	< 0.002
Ethylbenzene	0.70	1.00	mg/L	< 0.005	< 0.005	< 0.005		< 0.005	0.011	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Toluene	1.0	2.5	mg/L	< 0.005	< 0.005	< 0.005		< 0.005	0.0558	< 0.005	< 0.005	0.001 J	< 0.005	< 0.005
Xylene (total)	10.0	10.0	mg/L	< 0.005	< 0.005	< 0.005		< 0.005	0.032	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Acenaphthene	0.42	2.10	mg/L	< 0.0001	< 0.0001	< 0.0001		< 0.0001	0.0052	< 0.0001	< 0.0001	0.00017	< 0.0001	0.00263
Acenaphthylene	0.21 ⁽¹⁾	1.05 ⁽¹⁾	mg/L	< 0.0001	< 0.0001	< 0.0001		< 0.0001	0.003	< 0.0001	< 0.0001	0.00105	< 0.0001	0.0031
Anthracene	2.1	10.5	mg/L	< 0.0001	< 0.0001	< 0.0001		< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	0.00013	0.00065	mg/L	< 0.0001	< 0.0001	< 0.0001		< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	0.0002	0.0020	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	0.00018	0.00900	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	0.21 ⁽¹⁾	1.05 ⁽¹⁾	mg/L	< 0.0001	< 0.0001	< 0.0001		< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(k)fluoranthene	0.00017	0.00085	mg/L	< 0.0001	< 0.0001	< 0.0001		< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Chrysene	0.0015	0.0075	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	0.0003	0.0015	mg/L	< 0.0001	< 0.0001	< 0.0001		< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Fluoranthene	0.28	1.40	mg/L	< 0.0001	< 0.0001	< 0.0001		< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Fluorene	0.28	1.40	mg/L	< 0.0001	< 0.0001	< 0.0001		< 0.0001	0.00017	< 0.0001	< 0.0001	0.00015	< 0.0001	0.00011
Indeno(1,2,3-cd)pyrene	0.00043	0.00215	mg/L	< 0.0001	< 0.0001	< 0.0001		< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Naphthalene	0.14	0.22	mg/L	< 0.0001	< 0.0001	< 0.0001		0.00011	0.0454	0.00079	0.00029	0.00264	< 0.0001	< 0.0001
Phenanthrene	0.21 ⁽¹⁾	1.05 ⁽¹⁾	mg/L	< 0.0001	< 0.0001	< 0.0001		< 0.0001	0.00021	< 0.0001	< 0.0001	0.00033	< 0.0001	< 0.0001
Pyrene	0.21	1.05	mg/L	< 0.0001	< 0.0001	< 0.0001		< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Cyanide (total) 9012A	0.20	0.60	mg/L	0.039	< 0.005	0.177		< 0.005	0.011	0.11	0.005 J	< 0.005	< 0.005	< 0.005

Notes:
 * Shallow groundwater (UMW-100 series wells) is defined as Class II groundwater. Intermediate groundwater (UMW-300 series wells) is defined as Class I groundwater.
 (1) Non-TACO ROs published by the IEPA.
 (2) Duplicate of monitoring well UMW-107R.
 (3) Duplicate of monitoring well UMW-302.
2.5 Constituent exceeds Class I Groundwater Standard.
62.5 Constituent exceeds Class II Groundwater Standard.
 mg/L Milligrams per liter
 <0.0001 Not detected at the detection limit identified.
 J Analyte detected below quantitation limits
 S Spike Recovery outside recovery limits

TABLE 2
Groundwater Sample Analytical Results
December 2017
Champaign Former MGP Site
Champaign, Illinois

CONSTITUENT (mg/L)	Class I Standard	Class II Standard	Units	UMW-302 12/7/2017	UMW-902 ⁽³⁾ 12/7/2017	UMW-303 12/5/2017	UMW-304R 12/8/2017	UMW-305 12/6/2017	UMW-306 12/6/2017	UMW-307 12/6/2017	UMW-308 12/7/2017
Benzene	0.005	0.025	mg/L	0.502	0.499	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Ethylbenzene	0.70	1.00	mg/L	0.771	0.766	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Toluene	1.0	2.5	mg/L	< 0.05	< 0.05	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Xylene (total)	10.0	10.0	mg/L	0.182	0.183	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Acenaphthene	0.42	2.10	mg/L	< 0.0025	0.00034	< 0.0001	0.00067	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	0.21 ⁽¹⁾	1.05 ⁽¹⁾	mg/L	< 0.0025	0.00049	< 0.0001	0.00149	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	2.1	10.5	mg/L	< 0.0025	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	0.00013	0.00065	mg/L	< 0.0025	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	0.0002	0.0020	mg/L	< 0.0025	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	0.00018	0.00900	mg/L	< 0.0025	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	0.21 ⁽¹⁾	1.05 ⁽¹⁾	mg/L	< 0.0025	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(k)fluoranthene	0.00017	0.00085	mg/L	< 0.0025	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Chrysene	0.0015	0.0075	mg/L	< 0.0025	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	0.0003	0.0015	mg/L	< 0.0025	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Fluoranthene	0.28	1.40	mg/L	< 0.0025	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Fluorene	0.28	1.40	mg/L	< 0.0025	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	0.00043	0.00215	mg/L	< 0.0025	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Naphthalene	0.14	0.22	mg/L	2.05	2.22	< 0.0001	< 0.00064	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Phenanthrene	0.21 ⁽¹⁾	1.05 ⁽¹⁾	mg/L	< 0.0025	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Pyrene	0.21	1.05	mg/L	< 0.0025	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Cyanide (total) 9012A	0.20	0.60	mg/L	0.067	0.065	< 0.005	< 0.005	0.012	0.014	0.043	< 0.005

Notes:

- * Shallow groundwater (UMW-100 series wells) is defined as Class II groundwater. Intermediate groundwater (UMW-300 series wells) is defined as Class I groundwater.
- ⁽¹⁾ Non-TACO ROs published by the IEPA.
- ⁽²⁾ Duplicate of monitoring well UMW-107R.
- ⁽³⁾ Duplicate of monitoring well UMW-302.
- 2.5** Constituent exceeds Class I Groundwater Standard.
- 62.5** Constituent exceeds Class II Groundwater Standard.
- mg/L Milligrams per liter
- <0.0001 Not detected at the detection limit identified.
- J Analyte detected below quantitation limits
- S Spike Recovery outside recovery limits

December 18, 2017

Brandon Teel
PSC Industrial Outsourcing, LP
210 West Sand Bank Road
Columbia, IL 62236-0230
TEL: (618) 281-7173
FAX: (618) 281-5120



RE: Champaign FMGP Q4 2017 Groundwater

WorkOrder: 17120548

Dear Brandon Teel:

TEKLAB, INC received 31 samples on 12/8/2017 2:10:00 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

<http://www.teklabinc.com/>

Client: PSC Industrial Outsourcing, LP

Work Order: 17120548

Client Project: Champaign FMGP Q4 2017 Groundwater

Report Date: 18-Dec-17

This reporting package includes the following:

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Accreditations	5
Laboratory Results	6
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Quality Control Results	44
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Client: PSC Industrial Outsourcing, LP

Work Order: 17120548

Client Project: Champaign FMGP Q4 2017 Groundwater

Report Date: 18-Dec-17

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.

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 dilutions factors.

DNI Did not ignite

DUP Laboratory duplicate is an aliquot of a sample taken from the same container under laboratory conditions for independent processing and analysis independently of the original aliquot.

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, spiked with verified known amounts of analytes, is 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. The acceptable recovery range is in the QC Package (provided upon request).

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 Method detection limit means the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero.

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. The acceptable recovery range is listed in the QC Package (provided upon request).

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

E - Value above quantitation range

I - Associated internal standard was outside method criteria

M - Manual Integration used to determine area response

R - RPD outside accepted recovery limits

T - TIC(Tentatively identified compound)

B - Analyte detected in associated Method Blank

H - Holding times exceeded

J - Analyte detected below quantitation limits

ND - Not Detected at the Reporting Limit

S - Spike Recovery outside recovery limits

X - Value exceeds Maximum Contaminant Level

Client: PSC Industrial Outsourcing, LP

Work Order: 17120548

Client Project: Champaign FMGP Q4 2017 Groundwater

Report Date: 18-Dec-17

Cooler Receipt Temp: 2.02 °C

Locations

Collinsville

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425

Phone (618) 344-1004

Fax (618) 344-1005

Email jhriley@teklabinc.com

Collinsville Air

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425

Phone (618) 344-1004

Fax (618) 344-1005

Email EHurley@teklabinc.com

Springfield

Address 3920 Pintail Dr
Springfield, IL 62711-9415

Phone (217) 698-1004

Fax (217) 698-1005

Email KKlostermann@teklabinc.com

Chicago

Address 1319 Butterfield Rd.
Downers Grove, IL 60515

Phone (630) 324-6855

Fax

Email arenner@teklabinc.com

Kansas City

Address 8421 Nieman Road
Lenexa, KS 66214

Phone (913) 541-1998

Fax (913) 541-1998

Email jhriley@teklabinc.com



Accreditations

<http://www.teklabinc.com/>

Client: PSC Industrial Outsourcing, LP

Work Order: 17120548

Client Project: Champaign FMGP Q4 2017 Groundwater

Report Date: 18-Dec-17

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2018	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2018	Collinsville
Louisiana	LDEQ	166493	NELAP	6/30/2018	Collinsville
Louisiana	LDEQ	166578	NELAP	6/30/2018	Collinsville
Texas	TCEQ	T104704515-12-1	NELAP	7/31/2018	Collinsville
Arkansas	ADEQ	88-0966		3/14/2018	Collinsville
Illinois	IDPH	17584		5/31/2019	Collinsville
Indiana	ISDH	C-IL-06		1/31/2018	Collinsville
Kentucky	KDEP	98006		12/31/2017	Collinsville
Kentucky	UST	0073		1/31/2018	Collinsville
Louisiana	LDPH	LA170027		12/31/2017	Collinsville
Missouri	MDNR	930		1/31/2018	Collinsville
Missouri	MDNR	00930		5/31/2017	Collinsville
Oklahoma	ODEQ	9978		8/31/2018	Collinsville
Tennessee	TDEC	04905		1/31/2018	Collinsville

Client: PSC Industrial Outsourcing, LP

Work Order: 17120548

Client Project: Champaign FMGP Q4 2017 Groundwater

Report Date: 18-Dec-17

Lab ID: 17120548-001

Client Sample ID: UMW-102

Matrix: GROUNDWATER

Collection Date: 12/04/2017 15:28

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		< 0.005	mg/L	1	12/12/2017 17:38	137116
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	12/11/2017 15:48	137058
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	12/11/2017 15:48	137058
Anthracene	NELAP	0.00010		ND	mg/L	1	12/11/2017 15:48	137058
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/11/2017 15:48	137058
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/11/2017 15:48	137058
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/11/2017 15:48	137058
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/11/2017 15:48	137058
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/11/2017 15:48	137058
Chrysene	NELAP	0.00010		ND	mg/L	1	12/11/2017 15:48	137058
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/11/2017 15:48	137058
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/11/2017 15:48	137058
Fluorene	NELAP	0.00010		ND	mg/L	1	12/11/2017 15:48	137058
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/11/2017 15:48	137058
Naphthalene	NELAP	0.00010		ND	mg/L	1	12/11/2017 15:48	137058
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/11/2017 15:48	137058
Pyrene	NELAP	0.00010		ND	mg/L	1	12/11/2017 15:48	137058
Surr: 2-Fluorobiphenyl	*	13.8-99.2		63.8	%REC	1	12/11/2017 15:48	137058
Surr: Nitrobenzene-d5	*	15.3-96.2		57.4	%REC	1	12/11/2017 15:48	137058
Surr: p-Terphenyl-d14	*	10-109		72.4	%REC	1	12/11/2017 15:48	137058
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	12/11/2017 14:49	137090
Ethylbenzene	NELAP	5.0	S	ND	µg/L	1	12/11/2017 14:49	137090
Toluene	NELAP	5.0		ND	µg/L	1	12/11/2017 14:49	137090
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/11/2017 14:49	137090
Surr: 1,2-Dichloroethane-d4	*	79.6-118		90.4	%REC	1	12/11/2017 14:49	137090
Surr: 4-Bromofluorobenzene	*	83.9-115		105.6	%REC	1	12/11/2017 14:49	137090
Surr: Dibromofluoromethane	*	84.9-113		93.3	%REC	1	12/11/2017 14:49	137090
Surr: Toluene-d8	*	86.7-112		101.1	%REC	1	12/11/2017 14:49	137090

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



Laboratory Results

<http://www.teklabinc.com/>

Client: PSC Industrial Outsourcing, LP

Work Order: 17120548

Client Project: Champaign FMGP Q4 2017 Groundwater

Report Date: 18-Dec-17

Lab ID: 17120548-002

Client Sample ID: UMW-105

Matrix: GROUNDWATER

Collection Date: 12/07/2017 9:28

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		0.049	mg/L	1	12/12/2017 17:42	137116
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 11:31	137097
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	12/12/2017 11:31	137097
Anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 11:31	137097
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 11:31	137097
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 11:31	137097
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 11:31	137097
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/12/2017 11:31	137097
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 11:31	137097
Chrysene	NELAP	0.00010		ND	mg/L	1	12/12/2017 11:31	137097
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 11:31	137097
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 11:31	137097
Fluorene	NELAP	0.00010		ND	mg/L	1	12/12/2017 11:31	137097
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 11:31	137097
Naphthalene	NELAP	0.00010		ND	mg/L	1	12/12/2017 11:31	137097
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 11:31	137097
Pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 11:31	137097
Surr: 2-Fluorobiphenyl	*	13.8-99.2		59.0	%REC	1	12/12/2017 11:31	137097
Surr: Nitrobenzene-d5	*	15.3-96.2		53.6	%REC	1	12/12/2017 11:31	137097
Surr: p-Terphenyl-d14	*	10-109		72.0	%REC	1	12/12/2017 11:31	137097
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	12/11/2017 15:15	137090
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/11/2017 15:15	137090
Toluene	NELAP	5.0		ND	µg/L	1	12/11/2017 15:15	137090
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/11/2017 15:15	137090
Surr: 1,2-Dichloroethane-d4	*	79.6-118		92.6	%REC	1	12/11/2017 15:15	137090
Surr: 4-Bromofluorobenzene	*	83.9-115		106.7	%REC	1	12/11/2017 15:15	137090
Surr: Dibromofluoromethane	*	84.9-113		92.5	%REC	1	12/11/2017 15:15	137090
Surr: Toluene-d8	*	86.7-112		102.5	%REC	1	12/11/2017 15:15	137090



Laboratory Results

<http://www.teklabinc.com/>

Client: PSC Industrial Outsourcing, LP
 Client Project: Champaign FMGP Q4 2017 Groundwater
 Lab ID: 17120548-003
 Matrix: GROUNDWATER

Work Order: 17120548
 Report Date: 18-Dec-17
 Client Sample ID: UMW-106R
 Collection Date: 12/06/2017 11:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		0.044	mg/L	1	12/12/2017 17:46	137116
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 12:02	137097
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	12/12/2017 12:02	137097
Anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 12:02	137097
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 12:02	137097
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 12:02	137097
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 12:02	137097
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/12/2017 12:02	137097
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 12:02	137097
Chrysene	NELAP	0.00010		ND	mg/L	1	12/12/2017 12:02	137097
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 12:02	137097
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 12:02	137097
Fluorene	NELAP	0.00010		ND	mg/L	1	12/12/2017 12:02	137097
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 12:02	137097
Naphthalene	NELAP	0.00010		ND	mg/L	1	12/12/2017 12:02	137097
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 12:02	137097
Pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 12:02	137097
Surr: 2-Fluorobiphenyl	*	13.8-99.2		61.2	%REC	1	12/12/2017 12:02	137097
Surr: Nitrobenzene-d5	*	15.3-96.2		54.0	%REC	1	12/12/2017 12:02	137097
Surr: p-Terphenyl-d14	*	10-109		73.4	%REC	1	12/12/2017 12:02	137097
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	12/11/2017 15:41	137090
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/11/2017 15:41	137090
Toluene	NELAP	5.0		ND	µg/L	1	12/11/2017 15:41	137090
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/11/2017 15:41	137090
Surr: 1,2-Dichloroethane-d4	*	79.6-118		93.7	%REC	1	12/11/2017 15:41	137090
Surr: 4-Bromofluorobenzene	*	83.9-115		108.8	%REC	1	12/11/2017 15:41	137090
Surr: Dibromofluoromethane	*	84.9-113		94.1	%REC	1	12/11/2017 15:41	137090
Surr: Toluene-d8	*	86.7-112		103.0	%REC	1	12/11/2017 15:41	137090



Laboratory Results

<http://www.teklabinc.com/>

Client: PSC Industrial Outsourcing, LP

Work Order: 17120548

Client Project: Champaign FMGP Q4 2017 Groundwater

Report Date: 18-Dec-17

Lab ID: 17120548-004

Client Sample ID: UMW-107R

Matrix: GROUNDWATER

Collection Date: 12/06/2017 9:18

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.100		0.509	mg/L	20	12/13/2017 16:25	137116
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 12:32	137097
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	12/12/2017 12:32	137097
Anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 12:32	137097
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 12:32	137097
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 12:32	137097
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 12:32	137097
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/12/2017 12:32	137097
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 12:32	137097
Chrysene	NELAP	0.00010		ND	mg/L	1	12/12/2017 12:32	137097
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 12:32	137097
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 12:32	137097
Fluorene	NELAP	0.00010		ND	mg/L	1	12/12/2017 12:32	137097
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 12:32	137097
Naphthalene	NELAP	0.00010		ND	mg/L	1	12/12/2017 12:32	137097
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 12:32	137097
Pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 12:32	137097
Surr: 2-Fluorobiphenyl	*	13.8-99.2		56.8	%REC	1	12/12/2017 12:32	137097
Surr: Nitrobenzene-d5	*	15.3-96.2		54.0	%REC	1	12/12/2017 12:32	137097
Surr: p-Terphenyl-d14	*	10-109		59.8	%REC	1	12/12/2017 12:32	137097
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		21.9	µg/L	1	12/11/2017 16:07	137090
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/11/2017 16:07	137090
Toluene	NELAP	5.0		ND	µg/L	1	12/11/2017 16:07	137090
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/11/2017 16:07	137090
Surr: 1,2-Dichloroethane-d4	*	79.6-118		93.4	%REC	1	12/11/2017 16:07	137090
Surr: 4-Bromofluorobenzene	*	83.9-115		108.9	%REC	1	12/11/2017 16:07	137090
Surr: Dibromofluoromethane	*	84.9-113		93.8	%REC	1	12/11/2017 16:07	137090
Surr: Toluene-d8	*	86.7-112		101.2	%REC	1	12/11/2017 16:07	137090



Laboratory Results

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Client: PSC Industrial Outsourcing, LP

Work Order: 17120548

Client Project: Champaign FMGP Q4 2017 Groundwater

Report Date: 18-Dec-17

Lab ID: 17120548-005

Client Sample ID: UMW-108

Matrix: GROUNDWATER

Collection Date: 12/05/2017 15:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		0.029	mg/L	1	12/12/2017 17:55	137116
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	12/11/2017 16:19	137058
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	12/11/2017 16:19	137058
Anthracene	NELAP	0.00010		ND	mg/L	1	12/11/2017 16:19	137058
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/11/2017 16:19	137058
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/11/2017 16:19	137058
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/11/2017 16:19	137058
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/11/2017 16:19	137058
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/11/2017 16:19	137058
Chrysene	NELAP	0.00010		ND	mg/L	1	12/11/2017 16:19	137058
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/11/2017 16:19	137058
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/11/2017 16:19	137058
Fluorene	NELAP	0.00010		ND	mg/L	1	12/11/2017 16:19	137058
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/11/2017 16:19	137058
Naphthalene	NELAP	0.00010		ND	mg/L	1	12/11/2017 16:19	137058
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/11/2017 16:19	137058
Pyrene	NELAP	0.00010		ND	mg/L	1	12/11/2017 16:19	137058
Surr: 2-Fluorobiphenyl	*	13.8-99.2		61.2	%REC	1	12/11/2017 16:19	137058
Surr: Nitrobenzene-d5	*	15.3-96.2		54.4	%REC	1	12/11/2017 16:19	137058
Surr: p-Terphenyl-d14	*	10-109		68.0	%REC	1	12/11/2017 16:19	137058
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	12/11/2017 16:32	137090
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/11/2017 16:32	137090
Toluene	NELAP	5.0		ND	µg/L	1	12/11/2017 16:32	137090
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/11/2017 16:32	137090
Surr: 1,2-Dichloroethane-d4	*	79.6-118		93.4	%REC	1	12/11/2017 16:32	137090
Surr: 4-Bromofluorobenzene	*	83.9-115		108.9	%REC	1	12/11/2017 16:32	137090
Surr: Dibromofluoromethane	*	84.9-113		94.8	%REC	1	12/11/2017 16:32	137090
Surr: Toluene-d8	*	86.7-112		102.6	%REC	1	12/11/2017 16:32	137090



Laboratory Results

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Client: PSC Industrial Outsourcing, LP

Work Order: 17120548

Client Project: Champaign FMGP Q4 2017 Groundwater

Report Date: 18-Dec-17

Lab ID: 17120548-006

Client Sample ID: UMW-109

Matrix: GROUNDWATER

Collection Date: 12/05/2017 12:46

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		< 0.005	mg/L	1	12/12/2017 13:37	137116
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	12/11/2017 16:49	137058
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	12/11/2017 16:49	137058
Anthracene	NELAP	0.00010		ND	mg/L	1	12/11/2017 16:49	137058
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/11/2017 16:49	137058
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/11/2017 16:49	137058
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/11/2017 16:49	137058
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/11/2017 16:49	137058
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/11/2017 16:49	137058
Chrysene	NELAP	0.00010		ND	mg/L	1	12/11/2017 16:49	137058
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/11/2017 16:49	137058
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/11/2017 16:49	137058
Fluorene	NELAP	0.00010		ND	mg/L	1	12/11/2017 16:49	137058
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/11/2017 16:49	137058
Naphthalene	NELAP	0.00010		ND	mg/L	1	12/11/2017 16:49	137058
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/11/2017 16:49	137058
Pyrene	NELAP	0.00010		ND	mg/L	1	12/11/2017 16:49	137058
Surr: 2-Fluorobiphenyl	*	13.8-99.2		60.4	%REC	1	12/11/2017 16:49	137058
Surr: Nitrobenzene-d5	*	15.3-96.2		54.0	%REC	1	12/11/2017 16:49	137058
Surr: p-Terphenyl-d14	*	10-109		71.4	%REC	1	12/11/2017 16:49	137058
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	12/11/2017 16:58	137090
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/11/2017 16:58	137090
Toluene	NELAP	5.0		ND	µg/L	1	12/11/2017 16:58	137090
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/11/2017 16:58	137090
Surr: 1,2-Dichloroethane-d4	*	79.6-118		94.7	%REC	1	12/11/2017 16:58	137090
Surr: 4-Bromofluorobenzene	*	83.9-115		108.1	%REC	1	12/11/2017 16:58	137090
Surr: Dibromofluoromethane	*	84.9-113		94.6	%REC	1	12/11/2017 16:58	137090
Surr: Toluene-d8	*	86.7-112		102.0	%REC	1	12/11/2017 16:58	137090



Laboratory Results

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Client: PSC Industrial Outsourcing, LP

Work Order: 17120548

Client Project: Champaign FMGP Q4 2017 Groundwater

Report Date: 18-Dec-17

Lab ID: 17120548-007

Client Sample ID: UMW-111A

Matrix: GROUNDWATER

Collection Date: 12/06/2017 7:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		< 0.005	mg/L	1	12/12/2017 18:04	137116
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 13:02	137097
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	12/12/2017 13:02	137097
Anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 13:02	137097
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 13:02	137097
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 13:02	137097
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 13:02	137097
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/12/2017 13:02	137097
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 13:02	137097
Chrysene	NELAP	0.00010		ND	mg/L	1	12/12/2017 13:02	137097
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 13:02	137097
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 13:02	137097
Fluorene	NELAP	0.00010		ND	mg/L	1	12/12/2017 13:02	137097
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 13:02	137097
Naphthalene	NELAP	0.00010		ND	mg/L	1	12/12/2017 13:02	137097
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 13:02	137097
Pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 13:02	137097
Surr: 2-Fluorobiphenyl	*	13.8-99.2		57.8	%REC	1	12/12/2017 13:02	137097
Surr: Nitrobenzene-d5	*	15.3-96.2		52.6	%REC	1	12/12/2017 13:02	137097
Surr: p-Terphenyl-d14	*	10-109		66.2	%REC	1	12/12/2017 13:02	137097
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	12/11/2017 17:24	137090
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/11/2017 17:24	137090
Toluene	NELAP	5.0		ND	µg/L	1	12/11/2017 17:24	137090
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/11/2017 17:24	137090
Surr: 1,2-Dichloroethane-d4	*	79.6-118		93.3	%REC	1	12/11/2017 17:24	137090
Surr: 4-Bromofluorobenzene	*	83.9-115		107.6	%REC	1	12/11/2017 17:24	137090
Surr: Dibromofluoromethane	*	84.9-113		93.1	%REC	1	12/11/2017 17:24	137090
Surr: Toluene-d8	*	86.7-112		101.7	%REC	1	12/11/2017 17:24	137090



Laboratory Results

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Client: PSC Industrial Outsourcing, LP

Work Order: 17120548

Client Project: Champaign FMGP Q4 2017 Groundwater

Report Date: 18-Dec-17

Lab ID: 17120548-008

Client Sample ID: UMW-116

Matrix: GROUNDWATER

Collection Date: 12/06/2017 10:16

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		< 0.005	mg/L	1	12/12/2017 18:08	137116
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 13:33	137097
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	12/12/2017 13:33	137097
Anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 13:33	137097
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 13:33	137097
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 13:33	137097
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 13:33	137097
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/12/2017 13:33	137097
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 13:33	137097
Chrysene	NELAP	0.00010		ND	mg/L	1	12/12/2017 13:33	137097
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 13:33	137097
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 13:33	137097
Fluorene	NELAP	0.00010		ND	mg/L	1	12/12/2017 13:33	137097
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 13:33	137097
Naphthalene	NELAP	0.00010		ND	mg/L	1	12/12/2017 13:33	137097
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 13:33	137097
Pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 13:33	137097
Surr: 2-Fluorobiphenyl	*	13.8-99.2		60.6	%REC	1	12/12/2017 13:33	137097
Surr: Nitrobenzene-d5	*	15.3-96.2		54.8	%REC	1	12/12/2017 13:33	137097
Surr: p-Terphenyl-d14	*	10-109		70.0	%REC	1	12/12/2017 13:33	137097
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	12/11/2017 17:50	137090
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/11/2017 17:50	137090
Toluene	NELAP	5.0		ND	µg/L	1	12/11/2017 17:50	137090
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/11/2017 17:50	137090
Surr: 1,2-Dichloroethane-d4	*	79.6-118		92.2	%REC	1	12/11/2017 17:50	137090
Surr: 4-Bromofluorobenzene	*	83.9-115		107.4	%REC	1	12/11/2017 17:50	137090
Surr: Dibromofluoromethane	*	84.9-113		94.0	%REC	1	12/11/2017 17:50	137090
Surr: Toluene-d8	*	86.7-112		103.7	%REC	1	12/11/2017 17:50	137090



Laboratory Results

<http://www.teklabinc.com/>

Client: PSC Industrial Outsourcing, LP

Work Order: 17120548

Client Project: Champaign FMGP Q4 2017 Groundwater

Report Date: 18-Dec-17

Lab ID: 17120548-009

Client Sample ID: UMW-117

Matrix: GROUNDWATER

Collection Date: 12/05/2017 17:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		< 0.005	mg/L	1	12/12/2017 18:13	137116
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	12/11/2017 17:20	137058
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	12/11/2017 17:20	137058
Anthracene	NELAP	0.00010		ND	mg/L	1	12/11/2017 17:20	137058
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/11/2017 17:20	137058
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/11/2017 17:20	137058
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/11/2017 17:20	137058
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/11/2017 17:20	137058
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/11/2017 17:20	137058
Chrysene	NELAP	0.00010		ND	mg/L	1	12/11/2017 17:20	137058
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/11/2017 17:20	137058
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/11/2017 17:20	137058
Fluorene	NELAP	0.00010		ND	mg/L	1	12/11/2017 17:20	137058
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/11/2017 17:20	137058
Naphthalene	NELAP	0.00010		ND	mg/L	1	12/11/2017 17:20	137058
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/11/2017 17:20	137058
Pyrene	NELAP	0.00010		ND	mg/L	1	12/11/2017 17:20	137058
Surr: 2-Fluorobiphenyl	*	13.8-99.2		62.2	%REC	1	12/11/2017 17:20	137058
Surr: Nitrobenzene-d5	*	15.3-96.2		53.8	%REC	1	12/11/2017 17:20	137058
Surr: p-Terphenyl-d14	*	10-109		66.2	%REC	1	12/11/2017 17:20	137058
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	12/11/2017 18:16	137090
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/11/2017 18:16	137090
Toluene	NELAP	5.0		ND	µg/L	1	12/11/2017 18:16	137090
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/11/2017 18:16	137090
Surr: 1,2-Dichloroethane-d4	*	79.6-118		94.1	%REC	1	12/11/2017 18:16	137090
Surr: 4-Bromofluorobenzene	*	83.9-115		107.6	%REC	1	12/11/2017 18:16	137090
Surr: Dibromofluoromethane	*	84.9-113		93.6	%REC	1	12/11/2017 18:16	137090
Surr: Toluene-d8	*	86.7-112		102.2	%REC	1	12/11/2017 18:16	137090

Client: PSC Industrial Outsourcing, LP
 Client Project: Champaign FMGP Q4 2017 Groundwater
 Lab ID: 17120548-010
 Matrix: GROUNDWATER

Work Order: 17120548
 Report Date: 18-Dec-17
 Client Sample ID: UMW-118
 Collection Date: 12/05/2017 14:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.010		0.059	mg/L	2	12/14/2017 16:25	137197
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	12/11/2017 17:50	137058
Acenaphthylene	NELAP	0.00010		0.00012	mg/L	1	12/11/2017 17:50	137058
Anthracene	NELAP	0.00010		ND	mg/L	1	12/11/2017 17:50	137058
Benzo(a)anthracene	NELAP	0.00010		0.00025	mg/L	1	12/11/2017 17:50	137058
Benzo(a)pyrene	NELAP	0.00010		0.00034	mg/L	1	12/11/2017 17:50	137058
Benzo(b)fluoranthene	NELAP	0.00010		0.00040	mg/L	1	12/11/2017 17:50	137058
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/11/2017 17:50	137058
Benzo(k)fluoranthene	NELAP	0.00010		0.00016	mg/L	1	12/11/2017 17:50	137058
Chrysene	NELAP	0.00010		0.00013	mg/L	1	12/11/2017 17:50	137058
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/11/2017 17:50	137058
Fluoranthene	NELAP	0.00010		0.00026	mg/L	1	12/11/2017 17:50	137058
Fluorene	NELAP	0.00010		ND	mg/L	1	12/11/2017 17:50	137058
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/11/2017 17:50	137058
Naphthalene	NELAP	0.00010		ND	mg/L	1	12/11/2017 17:50	137058
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/11/2017 17:50	137058
Pyrene	NELAP	0.00010		0.00115	mg/L	1	12/11/2017 17:50	137058
Surr: 2-Fluorobiphenyl	*	13.8-99.2		56.6	%REC	1	12/11/2017 17:50	137058
Surr: Nitrobenzene-d5	*	15.3-96.2		49.4	%REC	1	12/11/2017 17:50	137058
Surr: p-Terphenyl-d14	*	10-109		53.8	%REC	1	12/11/2017 17:50	137058
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	12/11/2017 18:42	137090
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/11/2017 18:42	137090
Toluene	NELAP	5.0		ND	µg/L	1	12/11/2017 18:42	137090
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/11/2017 18:42	137090
Surr: 1,2-Dichloroethane-d4	*	79.6-118		95.8	%REC	1	12/11/2017 18:42	137090
Surr: 4-Bromofluorobenzene	*	83.9-115		107.9	%REC	1	12/11/2017 18:42	137090
Surr: Dibromofluoromethane	*	84.9-113		94.1	%REC	1	12/11/2017 18:42	137090
Surr: Toluene-d8	*	86.7-112		101.8	%REC	1	12/11/2017 18:42	137090



Laboratory Results

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Client: PSC Industrial Outsourcing, LP

Work Order: 17120548

Client Project: Champaign FMGP Q4 2017 Groundwater

Report Date: 18-Dec-17

Lab ID: 17120548-011

Client Sample ID: UMW-119

Matrix: GROUNDWATER

Collection Date: 12/05/2017 8:47

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		0.039	mg/L	1	12/13/2017 13:30	137153
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	12/11/2017 18:21	137058
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	12/11/2017 18:21	137058
Anthracene	NELAP	0.00010		ND	mg/L	1	12/11/2017 18:21	137058
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/11/2017 18:21	137058
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/11/2017 18:21	137058
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/11/2017 18:21	137058
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/11/2017 18:21	137058
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/11/2017 18:21	137058
Chrysene	NELAP	0.00010		ND	mg/L	1	12/11/2017 18:21	137058
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/11/2017 18:21	137058
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/11/2017 18:21	137058
Fluorene	NELAP	0.00010		ND	mg/L	1	12/11/2017 18:21	137058
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/11/2017 18:21	137058
Naphthalene	NELAP	0.00010		ND	mg/L	1	12/11/2017 18:21	137058
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/11/2017 18:21	137058
Pyrene	NELAP	0.00010		ND	mg/L	1	12/11/2017 18:21	137058
Surr: 2-Fluorobiphenyl	*	13.8-99.2		60.4	%REC	1	12/11/2017 18:21	137058
Surr: Nitrobenzene-d5	*	15.3-96.2		52.4	%REC	1	12/11/2017 18:21	137058
Surr: p-Terphenyl-d14	*	10-109		68.2	%REC	1	12/11/2017 18:21	137058
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	12/11/2017 19:07	137090
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/11/2017 19:07	137090
Toluene	NELAP	5.0		ND	µg/L	1	12/11/2017 19:07	137090
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/11/2017 19:07	137090
Surr: 1,2-Dichloroethane-d4	*	79.6-118		94.5	%REC	1	12/11/2017 19:07	137090
Surr: 4-Bromofluorobenzene	*	83.9-115		108.7	%REC	1	12/11/2017 19:07	137090
Surr: Dibromofluoromethane	*	84.9-113		93.7	%REC	1	12/11/2017 19:07	137090
Surr: Toluene-d8	*	86.7-112		102.1	%REC	1	12/11/2017 19:07	137090



Laboratory Results

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Client: PSC Industrial Outsourcing, LP

Work Order: 17120548

Client Project: Champaign FMGP Q4 2017 Groundwater

Report Date: 18-Dec-17

Lab ID: 17120548-012

Client Sample ID: UMW-120

Matrix: GROUNDWATER

Collection Date: 12/04/2017 16:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		< 0.005	mg/L	1	12/13/2017 15:14	137153
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	12/11/2017 18:51	137058
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	12/11/2017 18:51	137058
Anthracene	NELAP	0.00010		ND	mg/L	1	12/11/2017 18:51	137058
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/11/2017 18:51	137058
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/11/2017 18:51	137058
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/11/2017 18:51	137058
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/11/2017 18:51	137058
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/11/2017 18:51	137058
Chrysene	NELAP	0.00010		ND	mg/L	1	12/11/2017 18:51	137058
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/11/2017 18:51	137058
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/11/2017 18:51	137058
Fluorene	NELAP	0.00010		ND	mg/L	1	12/11/2017 18:51	137058
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/11/2017 18:51	137058
Naphthalene	NELAP	0.00010		ND	mg/L	1	12/11/2017 18:51	137058
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/11/2017 18:51	137058
Pyrene	NELAP	0.00010		ND	mg/L	1	12/11/2017 18:51	137058
Surr: 2-Fluorobiphenyl	*	13.8-99.2		55.4	%REC	1	12/11/2017 18:51	137058
Surr: Nitrobenzene-d5	*	15.3-96.2		49.8	%REC	1	12/11/2017 18:51	137058
Surr: p-Terphenyl-d14	*	10-109		66.0	%REC	1	12/11/2017 18:51	137058
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	12/11/2017 19:33	137090
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/11/2017 19:33	137090
Toluene	NELAP	5.0		ND	µg/L	1	12/11/2017 19:33	137090
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/11/2017 19:33	137090
Surr: 1,2-Dichloroethane-d4	*	79.6-118		93.8	%REC	1	12/11/2017 19:33	137090
Surr: 4-Bromofluorobenzene	*	83.9-115		106.6	%REC	1	12/11/2017 19:33	137090
Surr: Dibromofluoromethane	*	84.9-113		94.3	%REC	1	12/11/2017 19:33	137090
Surr: Toluene-d8	*	86.7-112		102.3	%REC	1	12/11/2017 19:33	137090



Laboratory Results

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Client: PSC Industrial Outsourcing, LP

Work Order: 17120548

Client Project: Champaign FMGP Q4 2017 Groundwater

Report Date: 18-Dec-17

Lab ID: 17120548-013

Client Sample ID: UMW-121

Matrix: GROUNDWATER

Collection Date: 12/07/2017 10:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.050		0.177	mg/L	10	12/13/2017 17:08	137153
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 14:03	137097
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	12/12/2017 14:03	137097
Anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 14:03	137097
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 14:03	137097
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 14:03	137097
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 14:03	137097
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/12/2017 14:03	137097
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 14:03	137097
Chrysene	NELAP	0.00010		ND	mg/L	1	12/12/2017 14:03	137097
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 14:03	137097
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 14:03	137097
Fluorene	NELAP	0.00010		ND	mg/L	1	12/12/2017 14:03	137097
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 14:03	137097
Naphthalene	NELAP	0.00010		ND	mg/L	1	12/12/2017 14:03	137097
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 14:03	137097
Pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 14:03	137097
Surr: 2-Fluorobiphenyl	*	13.8-99.2		56.8	%REC	1	12/12/2017 14:03	137097
Surr: Nitrobenzene-d5	*	15.3-96.2		50.5	%REC	1	12/12/2017 14:03	137097
Surr: p-Terphenyl-d14	*	10-109		65.8	%REC	1	12/12/2017 14:03	137097
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	12/14/2017 12:26	137260
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/14/2017 12:26	137260
Toluene	NELAP	5.0		ND	µg/L	1	12/14/2017 12:26	137260
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/14/2017 12:26	137260
Surr: 1,2-Dichloroethane-d4	*	79.6-118		91.6	%REC	1	12/14/2017 12:26	137260
Surr: 4-Bromofluorobenzene	*	83.9-115		107.0	%REC	1	12/14/2017 12:26	137260
Surr: Dibromofluoromethane	*	84.9-113		94.6	%REC	1	12/14/2017 12:26	137260
Surr: Toluene-d8	*	86.7-112		102.1	%REC	1	12/14/2017 12:26	137260



Laboratory Results

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Client: PSC Industrial Outsourcing, LP

Work Order: 17120548

Client Project: Champaign FMGP Q4 2017 Groundwater

Report Date: 18-Dec-17

Lab ID: 17120548-014

Client Sample ID: UMW-123

Matrix: GROUNDWATER

Collection Date: 12/06/2017 13:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		< 0.005	mg/L	1	12/13/2017 14:09	137153
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 14:34	137097
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	12/12/2017 14:34	137097
Anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 14:34	137097
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 14:34	137097
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 14:34	137097
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 14:34	137097
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/12/2017 14:34	137097
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 14:34	137097
Chrysene	NELAP	0.00010		ND	mg/L	1	12/12/2017 14:34	137097
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 14:34	137097
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 14:34	137097
Fluorene	NELAP	0.00010		ND	mg/L	1	12/12/2017 14:34	137097
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 14:34	137097
Naphthalene	NELAP	0.00010		0.00011	mg/L	1	12/12/2017 14:34	137097
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 14:34	137097
Pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 14:34	137097
Surr: 2-Fluorobiphenyl	*	13.8-99.2		61.0	%REC	1	12/12/2017 14:34	137097
Surr: Nitrobenzene-d5	*	15.3-96.2		54.6	%REC	1	12/12/2017 14:34	137097
Surr: p-Terphenyl-d14	*	10-109		69.8	%REC	1	12/12/2017 14:34	137097
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	12/13/2017 1:00	137186
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/13/2017 1:00	137186
Toluene	NELAP	5.0		ND	µg/L	1	12/13/2017 1:00	137186
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/13/2017 1:00	137186
Surr: 1,2-Dichloroethane-d4	*	79.6-118		103.3	%REC	1	12/13/2017 1:00	137186
Surr: 4-Bromofluorobenzene	*	83.9-115		94.0	%REC	1	12/13/2017 1:00	137186
Surr: Dibromofluoromethane	*	84.9-113		109.3	%REC	1	12/13/2017 1:00	137186
Surr: Toluene-d8	*	86.7-112		94.9	%REC	1	12/13/2017 1:00	137186



Laboratory Results

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Client: PSC Industrial Outsourcing, LP

Work Order: 17120548

Client Project: Champaign FMGP Q4 2017 Groundwater

Report Date: 18-Dec-17

Lab ID: 17120548-015

Client Sample ID: UMW-124

Matrix: GROUNDWATER

Collection Date: 12/07/2017 12:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		0.011	mg/L	1	12/13/2017 14:13	137153
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		0.00052	mg/L	1	12/12/2017 18:01	137097
Acenaphthylene	NELAP	0.00010		0.00030	mg/L	1	12/12/2017 18:01	137097
Anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 18:01	137097
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 18:01	137097
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 18:01	137097
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 18:01	137097
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/12/2017 18:01	137097
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 18:01	137097
Chrysene	NELAP	0.00010		ND	mg/L	1	12/12/2017 18:01	137097
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 18:01	137097
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 18:01	137097
Fluorene	NELAP	0.00010		0.00017	mg/L	1	12/12/2017 18:01	137097
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 18:01	137097
Naphthalene	NELAP	0.00010		0.0454	mg/L	1	12/12/2017 18:01	137097
Phenanthrene	NELAP	0.00010		0.00021	mg/L	1	12/12/2017 18:01	137097
Pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 18:01	137097
Surr: 2-Fluorobiphenyl	*	13.8-99.2		59.8	%REC	1	12/12/2017 18:01	137097
Surr: Nitrobenzene-d5	*	15.3-96.2		60.2	%REC	1	12/12/2017 18:01	137097
Surr: p-Terphenyl-d14	*	10-109		82.4	%REC	1	12/12/2017 18:01	137097
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	20.0		120	µg/L	10	12/12/2017 22:33	137188
Ethylbenzene	NELAP	50	J	11	µg/L	10	12/12/2017 22:33	137188
Toluene	NELAP	50.0		55.8	µg/L	10	12/12/2017 22:33	137188
Xylenes, Total	NELAP	50	J	32	µg/L	10	12/12/2017 22:33	137188
Surr: 1,2-Dichloroethane-d4	*	79.6-118		93.0	%REC	10	12/12/2017 22:33	137188
Surr: 4-Bromofluorobenzene	*	83.9-115		108.5	%REC	10	12/12/2017 22:33	137188
Surr: Dibromofluoromethane	*	84.9-113		94.1	%REC	10	12/12/2017 22:33	137188
Surr: Toluene-d8	*	86.7-112		102.0	%REC	10	12/12/2017 22:33	137188

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

Client: PSC Industrial Outsourcing, LP
 Client Project: Champaign FMGP Q4 2017 Groundwater
 Lab ID: 17120548-016
 Matrix: GROUNDWATER

Work Order: 17120548
 Report Date: 18-Dec-17
 Client Sample ID: UMW-125
 Collection Date: 12/08/2017 9:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.025		0.110	mg/L	5	12/13/2017 17:12	137153
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 18:32	137097
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	12/12/2017 18:32	137097
Anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 18:32	137097
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 18:32	137097
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 18:32	137097
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 18:32	137097
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/12/2017 18:32	137097
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 18:32	137097
Chrysene	NELAP	0.00010		ND	mg/L	1	12/12/2017 18:32	137097
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 18:32	137097
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 18:32	137097
Fluorene	NELAP	0.00010		ND	mg/L	1	12/12/2017 18:32	137097
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 18:32	137097
Naphthalene	NELAP	0.00010		0.00079	mg/L	1	12/12/2017 18:32	137097
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 18:32	137097
Pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 18:32	137097
Surr: 2-Fluorobiphenyl	*	13.8-99.2		61.6	%REC	1	12/12/2017 18:32	137097
Surr: Nitrobenzene-d5	*	15.3-96.2		57.2	%REC	1	12/12/2017 18:32	137097
Surr: p-Terphenyl-d14	*	10-109		86.6	%REC	1	12/12/2017 18:32	137097
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		5.1	µg/L	1	12/12/2017 22:59	137188
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/12/2017 22:59	137188
Toluene	NELAP	5.0		ND	µg/L	1	12/12/2017 22:59	137188
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/12/2017 22:59	137188
Surr: 1,2-Dichloroethane-d4	*	79.6-118		94.5	%REC	1	12/12/2017 22:59	137188
Surr: 4-Bromofluorobenzene	*	83.9-115		109.2	%REC	1	12/12/2017 22:59	137188
Surr: Dibromofluoromethane	*	84.9-113		94.1	%REC	1	12/12/2017 22:59	137188
Surr: Toluene-d8	*	86.7-112		101.6	%REC	1	12/12/2017 22:59	137188



Laboratory Results

<http://www.teklabinc.com/>

Client: PSC Industrial Outsourcing, LP

Work Order: 17120548

Client Project: Champaign FMGP Q4 2017 Groundwater

Report Date: 18-Dec-17

Lab ID: 17120548-017

Client Sample ID: UMW-126

Matrix: GROUNDWATER

Collection Date: 12/07/2017 14:43

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005	J	0.005	mg/L	1	12/13/2017 14:22	137153
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 19:02	137097
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	12/12/2017 19:02	137097
Anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 19:02	137097
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 19:02	137097
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 19:02	137097
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 19:02	137097
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/12/2017 19:02	137097
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 19:02	137097
Chrysene	NELAP	0.00010		ND	mg/L	1	12/12/2017 19:02	137097
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 19:02	137097
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 19:02	137097
Fluorene	NELAP	0.00010		ND	mg/L	1	12/12/2017 19:02	137097
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 19:02	137097
Naphthalene	NELAP	0.00010		0.00029	mg/L	1	12/12/2017 19:02	137097
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 19:02	137097
Pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 19:02	137097
Surr: 2-Fluorobiphenyl	*	13.8-99.2		64.8	%REC	1	12/12/2017 19:02	137097
Surr: Nitrobenzene-d5	*	15.3-96.2		60.8	%REC	1	12/12/2017 19:02	137097
Surr: p-Terphenyl-d14	*	10-109		77.0	%REC	1	12/12/2017 19:02	137097
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		11.5	µg/L	1	12/12/2017 23:25	137188
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/12/2017 23:25	137188
Toluene	NELAP	5.0		ND	µg/L	1	12/12/2017 23:25	137188
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/12/2017 23:25	137188
Surr: 1,2-Dichloroethane-d4	*	79.6-118		94.7	%REC	1	12/12/2017 23:25	137188
Surr: 4-Bromofluorobenzene	*	83.9-115		109.2	%REC	1	12/12/2017 23:25	137188
Surr: Dibromofluoromethane	*	84.9-113		94.5	%REC	1	12/12/2017 23:25	137188
Surr: Toluene-d8	*	86.7-112		101.7	%REC	1	12/12/2017 23:25	137188



Laboratory Results

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Client: PSC Industrial Outsourcing, LP

Work Order: 17120548

Client Project: Champaign FMGP Q4 2017 Groundwater

Report Date: 18-Dec-17

Lab ID: 17120548-018

Client Sample ID: UMW-127

Matrix: GROUNDWATER

Collection Date: 12/07/2017 16:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		< 0.005	mg/L	1	12/13/2017 14:31	137153
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		0.00017	mg/L	1	12/13/2017 0:33	137097
Acenaphthylene	NELAP	0.00010		0.00105	mg/L	1	12/13/2017 0:33	137097
Anthracene	NELAP	0.00010		ND	mg/L	1	12/13/2017 0:33	137097
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/13/2017 0:33	137097
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/13/2017 0:33	137097
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/13/2017 0:33	137097
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/13/2017 0:33	137097
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/13/2017 0:33	137097
Chrysene	NELAP	0.00010		ND	mg/L	1	12/13/2017 0:33	137097
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/13/2017 0:33	137097
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/13/2017 0:33	137097
Fluorene	NELAP	0.00010		0.00015	mg/L	1	12/13/2017 0:33	137097
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/13/2017 0:33	137097
Naphthalene	NELAP	0.00010		0.00264	mg/L	1	12/13/2017 17:00	137097
Phenanthrene	NELAP	0.00010		0.00033	mg/L	1	12/13/2017 0:33	137097
Pyrene	NELAP	0.00010		ND	mg/L	1	12/13/2017 0:33	137097
Surr: 2-Fluorobiphenyl	*	13.8-99.2		60.4	%REC	1	12/13/2017 0:33	137097
Surr: Nitrobenzene-d5	*	15.3-96.2		59.6	%REC	1	12/13/2017 0:33	137097
Surr: p-Terphenyl-d14	*	10-109		82.4	%REC	1	12/13/2017 0:33	137097
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		3.0	µg/L	1	12/12/2017 23:51	137188
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/12/2017 23:51	137188
Toluene	NELAP	5.0	J	1.0	µg/L	1	12/12/2017 23:51	137188
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/12/2017 23:51	137188
Surr: 1,2-Dichloroethane-d4	*	79.6-118		93.5	%REC	1	12/12/2017 23:51	137188
Surr: 4-Bromofluorobenzene	*	83.9-115		108.9	%REC	1	12/12/2017 23:51	137188
Surr: Dibromofluoromethane	*	84.9-113		93.6	%REC	1	12/12/2017 23:51	137188
Surr: Toluene-d8	*	86.7-112		101.9	%REC	1	12/12/2017 23:51	137188

Client: PSC Industrial Outsourcing, LP
 Client Project: Champaign FMGP Q4 2017 Groundwater
 Lab ID: 17120548-019
 Matrix: GROUNDWATER

Work Order: 17120548
 Report Date: 18-Dec-17
 Client Sample ID: UMW-300
 Collection Date: 12/05/2017 9:58

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		< 0.005	mg/L	1	12/13/2017 14:35	137153
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 10:30	137058
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	12/12/2017 10:30	137058
Anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 10:30	137058
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 10:30	137058
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 10:30	137058
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 10:30	137058
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/12/2017 10:30	137058
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 10:30	137058
Chrysene	NELAP	0.00010		ND	mg/L	1	12/12/2017 10:30	137058
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 10:30	137058
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 10:30	137058
Fluorene	NELAP	0.00010		ND	mg/L	1	12/12/2017 10:30	137058
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 10:30	137058
Naphthalene	NELAP	0.00010		ND	mg/L	1	12/12/2017 10:30	137058
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 10:30	137058
Pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 10:30	137058
Surr: 2-Fluorobiphenyl	*	13.8-99.2		67.6	%REC	1	12/12/2017 10:30	137058
Surr: Nitrobenzene-d5	*	15.3-96.2		60.4	%REC	1	12/12/2017 10:30	137058
Surr: p-Terphenyl-d14	*	10-109		79.2	%REC	1	12/12/2017 10:30	137058
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	12/13/2017 0:17	137188
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/13/2017 0:17	137188
Toluene	NELAP	5.0		ND	µg/L	1	12/13/2017 0:17	137188
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/13/2017 0:17	137188
Surr: 1,2-Dichloroethane-d4	*	79.6-118		94.0	%REC	1	12/13/2017 0:17	137188
Surr: 4-Bromofluorobenzene	*	83.9-115		107.6	%REC	1	12/13/2017 0:17	137188
Surr: Dibromofluoromethane	*	84.9-113		93.4	%REC	1	12/13/2017 0:17	137188
Surr: Toluene-d8	*	86.7-112		101.4	%REC	1	12/13/2017 0:17	137188



Laboratory Results

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Client: PSC Industrial Outsourcing, LP

Work Order: 17120548

Client Project: Champaign FMGP Q4 2017 Groundwater

Report Date: 18-Dec-17

Lab ID: 17120548-020

Client Sample ID: UMW-301R

Matrix: GROUNDWATER

Collection Date: 12/07/2017 15:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005	R	< 0.005	mg/L	1	12/13/2017 14:39	137153
<i>RPD for MS/MSD was outside of control limits.</i>								
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		0.00263	mg/L	1	12/11/2017 19:22	137058
Acenaphthylene	NELAP	0.00010		0.00310	mg/L	1	12/11/2017 19:22	137058
Anthracene	NELAP	0.00010		ND	mg/L	1	12/11/2017 19:22	137058
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/11/2017 19:22	137058
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/11/2017 19:22	137058
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/11/2017 19:22	137058
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/11/2017 19:22	137058
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/11/2017 19:22	137058
Chrysene	NELAP	0.00010		ND	mg/L	1	12/11/2017 19:22	137058
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/11/2017 19:22	137058
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/11/2017 19:22	137058
Fluorene	NELAP	0.00010		0.00011	mg/L	1	12/11/2017 19:22	137058
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/11/2017 19:22	137058
Naphthalene	NELAP	0.00010		ND	mg/L	1	12/11/2017 19:22	137058
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/11/2017 19:22	137058
Pyrene	NELAP	0.00010		ND	mg/L	1	12/11/2017 19:22	137058
Surr: 2-Fluorobiphenyl	*	13.8-99.2		58.8	%REC	1	12/11/2017 19:22	137058
Surr: Nitrobenzene-d5	*	15.3-96.2		52.4	%REC	1	12/11/2017 19:22	137058
Surr: p-Terphenyl-d14	*	10-109		72.4	%REC	1	12/11/2017 19:22	137058
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	12/13/2017 0:44	137188
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/13/2017 0:44	137188
Toluene	NELAP	5.0		ND	µg/L	1	12/13/2017 0:44	137188
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/13/2017 0:44	137188
Surr: 1,2-Dichloroethane-d4	*	79.6-118		95.0	%REC	1	12/13/2017 0:44	137188
Surr: 4-Bromofluorobenzene	*	83.9-115		107.2	%REC	1	12/13/2017 0:44	137188
Surr: Dibromofluoromethane	*	84.9-113		93.7	%REC	1	12/13/2017 0:44	137188
Surr: Toluene-d8	*	86.7-112		102.6	%REC	1	12/13/2017 0:44	137188

Client: PSC Industrial Outsourcing, LP
 Client Project: Champaign FMGP Q4 2017 Groundwater
 Lab ID: 17120548-021
 Matrix: GROUNDWATER

Work Order: 17120548
 Report Date: 18-Dec-17

Client Sample ID: UMW-302

Collection Date: 12/07/2017 11:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.010		0.067	mg/L	2	12/13/2017 17:38	137153
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00250		ND	mg/L	25	12/12/2017 19:32	137097
Acenaphthylene	NELAP	0.00250		ND	mg/L	25	12/12/2017 19:32	137097
Anthracene	NELAP	0.00250		ND	mg/L	25	12/12/2017 19:32	137097
Benzo(a)anthracene	NELAP	0.00250		ND	mg/L	25	12/12/2017 19:32	137097
Benzo(a)pyrene	NELAP	0.00250		ND	mg/L	25	12/12/2017 19:32	137097
Benzo(b)fluoranthene	NELAP	0.00250		ND	mg/L	25	12/12/2017 19:32	137097
Benzo(g,h,i)perylene	NELAP	0.00250		ND	mg/L	25	12/12/2017 19:32	137097
Benzo(k)fluoranthene	NELAP	0.00250		ND	mg/L	25	12/12/2017 19:32	137097
Chrysene	NELAP	0.00250		ND	mg/L	25	12/12/2017 19:32	137097
Dibenzo(a,h)anthracene	NELAP	0.00250		ND	mg/L	25	12/12/2017 19:32	137097
Fluoranthene	NELAP	0.00250		ND	mg/L	25	12/12/2017 19:32	137097
Fluorene	NELAP	0.00250		ND	mg/L	25	12/12/2017 19:32	137097
Indeno(1,2,3-cd)pyrene	NELAP	0.00250		ND	mg/L	25	12/12/2017 19:32	137097
Naphthalene	NELAP	0.0100		2.05	mg/L	100	12/13/2017 17:30	137097
Phenanthrene	NELAP	0.00250		ND	mg/L	25	12/12/2017 19:32	137097
Pyrene	NELAP	0.00250		ND	mg/L	25	12/12/2017 19:32	137097
Surr: 2-Fluorobiphenyl	*	13.8-99.2		55.0	%REC	25	12/12/2017 19:32	137097
Surr: Nitrobenzene-d5	*	15.3-96.2		50.0	%REC	25	12/12/2017 19:32	137097
Surr: p-Terphenyl-d14	*	10-109		60.0	%REC	25	12/12/2017 19:32	137097

Elevated reporting limit due to sample extract composition.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	20.0		502	µg/L	10	12/13/2017 2:02	137188
Ethylbenzene	NELAP	50.0		771	µg/L	10	12/13/2017 2:02	137188
Toluene	NELAP	50.0		ND	µg/L	10	12/13/2017 2:02	137188
Xylenes, Total	NELAP	50.0		182	µg/L	10	12/13/2017 2:02	137188
Surr: 1,2-Dichloroethane-d4	*	79.6-118		92.9	%REC	10	12/13/2017 2:02	137188
Surr: 4-Bromofluorobenzene	*	83.9-115		106.1	%REC	10	12/13/2017 2:02	137188
Surr: Dibromofluoromethane	*	84.9-113		93.1	%REC	10	12/13/2017 2:02	137188
Surr: Toluene-d8	*	86.7-112		102.1	%REC	10	12/13/2017 2:02	137188

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



Laboratory Results

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Client: PSC Industrial Outsourcing, LP

Work Order: 17120548

Client Project: Champaign FMGP Q4 2017 Groundwater

Report Date: 18-Dec-17

Lab ID: 17120548-022

Client Sample ID: UMW-303

Matrix: GROUNDWATER

Collection Date: 12/05/2017 16:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		< 0.005	mg/L	1	12/13/2017 15:23	137153
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 11:01	137058
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	12/12/2017 11:01	137058
Anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 11:01	137058
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 11:01	137058
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 11:01	137058
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 11:01	137058
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/12/2017 11:01	137058
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 11:01	137058
Chrysene	NELAP	0.00010		ND	mg/L	1	12/12/2017 11:01	137058
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 11:01	137058
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 11:01	137058
Fluorene	NELAP	0.00010		ND	mg/L	1	12/12/2017 11:01	137058
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 11:01	137058
Naphthalene	NELAP	0.00010		ND	mg/L	1	12/12/2017 11:01	137058
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 11:01	137058
Pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 11:01	137058
Surr: 2-Fluorobiphenyl	*	13.8-99.2		67.2	%REC	1	12/12/2017 11:01	137058
Surr: Nitrobenzene-d5	*	15.3-96.2		58.8	%REC	1	12/12/2017 11:01	137058
Surr: p-Terphenyl-d14	*	10-109		80.2	%REC	1	12/12/2017 11:01	137058
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	12/13/2017 2:28	137188
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/13/2017 2:28	137188
Toluene	NELAP	5.0		ND	µg/L	1	12/13/2017 2:28	137188
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/13/2017 2:28	137188
Surr: 1,2-Dichloroethane-d4	*	79.6-118		94.5	%REC	1	12/13/2017 2:28	137188
Surr: 4-Bromofluorobenzene	*	83.9-115		106.6	%REC	1	12/13/2017 2:28	137188
Surr: Dibromofluoromethane	*	84.9-113		93.1	%REC	1	12/13/2017 2:28	137188
Surr: Toluene-d8	*	86.7-112		102.9	%REC	1	12/13/2017 2:28	137188



Laboratory Results

<http://www.teklabinc.com/>

Client: PSC Industrial Outsourcing, LP
 Client Project: Champaign FMGP Q4 2017 Groundwater
 Lab ID: 17120548-023
 Matrix: GROUNDWATER

Work Order: 17120548
 Report Date: 18-Dec-17
 Client Sample ID: UMW-304R
 Collection Date: 12/08/2017 9:08

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		< 0.005	mg/L	1	12/14/2017 15:41	137197
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		0.00067	mg/L	1	12/12/2017 20:03	137097
Acenaphthylene	NELAP	0.00010		0.00149	mg/L	1	12/12/2017 20:03	137097
Anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 20:03	137097
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 20:03	137097
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 20:03	137097
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 20:03	137097
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/12/2017 20:03	137097
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 20:03	137097
Chrysene	NELAP	0.00010		ND	mg/L	1	12/12/2017 20:03	137097
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 20:03	137097
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 20:03	137097
Fluorene	NELAP	0.00010		ND	mg/L	1	12/12/2017 20:03	137097
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 20:03	137097
Naphthalene	NELAP	0.00010		0.00064	mg/L	1	12/12/2017 20:03	137097
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 20:03	137097
Pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 20:03	137097
Surr: 2-Fluorobiphenyl	*	13.8-99.2		55.4	%REC	1	12/12/2017 20:03	137097
Surr: Nitrobenzene-d5	*	15.3-96.2		51.6	%REC	1	12/12/2017 20:03	137097
Surr: p-Terphenyl-d14	*	10-109		66.8	%REC	1	12/12/2017 20:03	137097
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	12/13/2017 2:54	137188
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/13/2017 2:54	137188
Toluene	NELAP	5.0		ND	µg/L	1	12/13/2017 2:54	137188
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/13/2017 2:54	137188
Surr: 1,2-Dichloroethane-d4	*	79.6-118		94.9	%REC	1	12/13/2017 2:54	137188
Surr: 4-Bromofluorobenzene	*	83.9-115		105.2	%REC	1	12/13/2017 2:54	137188
Surr: Dibromofluoromethane	*	84.9-113		95.5	%REC	1	12/13/2017 2:54	137188
Surr: Toluene-d8	*	86.7-112		102.3	%REC	1	12/13/2017 2:54	137188



Laboratory Results

<http://www.teklabinc.com/>

Client: PSC Industrial Outsourcing, LP

Work Order: 17120548

Client Project: Champaign FMGP Q4 2017 Groundwater

Report Date: 18-Dec-17

Lab ID: 17120548-024

Client Sample ID: UMW-305

Matrix: GROUNDWATER

Collection Date: 12/06/2017 15:46

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		0.012	mg/L	1	12/14/2017 15:46	137197
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 20:33	137097
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	12/12/2017 20:33	137097
Anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 20:33	137097
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 20:33	137097
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 20:33	137097
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 20:33	137097
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/12/2017 20:33	137097
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 20:33	137097
Chrysene	NELAP	0.00010		ND	mg/L	1	12/12/2017 20:33	137097
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 20:33	137097
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 20:33	137097
Fluorene	NELAP	0.00010		ND	mg/L	1	12/12/2017 20:33	137097
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 20:33	137097
Naphthalene	NELAP	0.00010		ND	mg/L	1	12/12/2017 20:33	137097
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 20:33	137097
Pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 20:33	137097
Surr: 2-Fluorobiphenyl	*	13.8-99.2		57.8	%REC	1	12/12/2017 20:33	137097
Surr: Nitrobenzene-d5	*	15.3-96.2		54.4	%REC	1	12/12/2017 20:33	137097
Surr: p-Terphenyl-d14	*	10-109		66.8	%REC	1	12/12/2017 20:33	137097
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	12/13/2017 3:20	137188
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/13/2017 3:20	137188
Toluene	NELAP	5.0		ND	µg/L	1	12/13/2017 3:20	137188
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/13/2017 3:20	137188
Surr: 1,2-Dichloroethane-d4	*	79.6-118		93.6	%REC	1	12/13/2017 3:20	137188
Surr: 4-Bromofluorobenzene	*	83.9-115		105.4	%REC	1	12/13/2017 3:20	137188
Surr: Dibromofluoromethane	*	84.9-113		92.4	%REC	1	12/13/2017 3:20	137188
Surr: Toluene-d8	*	86.7-112		102.8	%REC	1	12/13/2017 3:20	137188



Laboratory Results

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Client: PSC Industrial Outsourcing, LP
 Client Project: Champaign FMGP Q4 2017 Groundwater
 Lab ID: 17120548-025
 Matrix: GROUNDWATER

Work Order: 17120548
 Report Date: 18-Dec-17

Client Sample ID: UMW-306

Collection Date: 12/06/2017 14:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		0.014	mg/L	1	12/14/2017 15:50	137197
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 21:03	137097
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	12/12/2017 21:03	137097
Anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 21:03	137097
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 21:03	137097
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 21:03	137097
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 21:03	137097
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/12/2017 21:03	137097
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 21:03	137097
Chrysene	NELAP	0.00010		ND	mg/L	1	12/12/2017 21:03	137097
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 21:03	137097
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 21:03	137097
Fluorene	NELAP	0.00010		ND	mg/L	1	12/12/2017 21:03	137097
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 21:03	137097
Naphthalene	NELAP	0.00010		ND	mg/L	1	12/12/2017 21:03	137097
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 21:03	137097
Pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 21:03	137097
Surr: 2-Fluorobiphenyl	*	13.8-99.2		58.8	%REC	1	12/12/2017 21:03	137097
Surr: Nitrobenzene-d5	*	15.3-96.2		54.2	%REC	1	12/12/2017 21:03	137097
Surr: p-Terphenyl-d14	*	10-109		72.0	%REC	1	12/12/2017 21:03	137097
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	12/13/2017 3:46	137188
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/13/2017 3:46	137188
Toluene	NELAP	5.0		ND	µg/L	1	12/13/2017 3:46	137188
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/13/2017 3:46	137188
Surr: 1,2-Dichloroethane-d4	*	79.6-118		94.5	%REC	1	12/13/2017 3:46	137188
Surr: 4-Bromofluorobenzene	*	83.9-115		109.5	%REC	1	12/13/2017 3:46	137188
Surr: Dibromofluoromethane	*	84.9-113		94.2	%REC	1	12/13/2017 3:46	137188
Surr: Toluene-d8	*	86.7-112		103.4	%REC	1	12/13/2017 3:46	137188



Laboratory Results

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Client: PSC Industrial Outsourcing, LP

Work Order: 17120548

Client Project: Champaign FMGP Q4 2017 Groundwater

Report Date: 18-Dec-17

Lab ID: 17120548-026

Client Sample ID: UMW-307

Matrix: GROUNDWATER

Collection Date: 12/06/2017 13:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		0.043	mg/L	1	12/14/2017 15:54	137197
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 21:33	137097
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	12/12/2017 21:33	137097
Anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 21:33	137097
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 21:33	137097
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 21:33	137097
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 21:33	137097
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/12/2017 21:33	137097
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 21:33	137097
Chrysene	NELAP	0.00010		ND	mg/L	1	12/12/2017 21:33	137097
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 21:33	137097
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 21:33	137097
Fluorene	NELAP	0.00010		ND	mg/L	1	12/12/2017 21:33	137097
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 21:33	137097
Naphthalene	NELAP	0.00010		ND	mg/L	1	12/12/2017 21:33	137097
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 21:33	137097
Pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 21:33	137097
Surr: 2-Fluorobiphenyl	*	13.8-99.2		61.8	%REC	1	12/12/2017 21:33	137097
Surr: Nitrobenzene-d5	*	15.3-96.2		56.8	%REC	1	12/12/2017 21:33	137097
Surr: p-Terphenyl-d14	*	10-109		73.4	%REC	1	12/12/2017 21:33	137097
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	12/13/2017 4:12	137188
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/13/2017 4:12	137188
Toluene	NELAP	5.0		ND	µg/L	1	12/13/2017 4:12	137188
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/13/2017 4:12	137188
Surr: 1,2-Dichloroethane-d4	*	79.6-118		94.8	%REC	1	12/13/2017 4:12	137188
Surr: 4-Bromofluorobenzene	*	83.9-115		108.1	%REC	1	12/13/2017 4:12	137188
Surr: Dibromofluoromethane	*	84.9-113		94.4	%REC	1	12/13/2017 4:12	137188
Surr: Toluene-d8	*	86.7-112		102.2	%REC	1	12/13/2017 4:12	137188



Laboratory Results

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Client: PSC Industrial Outsourcing, LP

Work Order: 17120548

Client Project: Champaign FMGP Q4 2017 Groundwater

Report Date: 18-Dec-17

Lab ID: 17120548-027

Client Sample ID: UMW-308

Matrix: GROUNDWATER

Collection Date: 12/07/2017 13:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005	SR	< 0.005	mg/L	1	12/14/2017 12:47	137197
<i>Matrix spike recovered outside upper control limits. Sample results are below the reporting limit. Data is reportable.</i>								
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 22:03	137097
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	12/12/2017 22:03	137097
Anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 22:03	137097
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 22:03	137097
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 22:03	137097
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 22:03	137097
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/12/2017 22:03	137097
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 22:03	137097
Chrysene	NELAP	0.00010		ND	mg/L	1	12/12/2017 22:03	137097
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 22:03	137097
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 22:03	137097
Fluorene	NELAP	0.00010		ND	mg/L	1	12/12/2017 22:03	137097
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 22:03	137097
Naphthalene	NELAP	0.00010		ND	mg/L	1	12/12/2017 22:03	137097
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 22:03	137097
Pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 22:03	137097
Surr: 2-Fluorobiphenyl	*	13.8-99.2		57.0	%REC	1	12/12/2017 22:03	137097
Surr: Nitrobenzene-d5	*	15.3-96.2		51.0	%REC	1	12/12/2017 22:03	137097
Surr: p-Terphenyl-d14	*	10-109		70.2	%REC	1	12/12/2017 22:03	137097
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	12/13/2017 4:38	137188
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/13/2017 4:38	137188
Toluene	NELAP	5.0		ND	µg/L	1	12/13/2017 4:38	137188
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/13/2017 4:38	137188
Surr: 1,2-Dichloroethane-d4	*	79.6-118		95.3	%REC	1	12/13/2017 4:38	137188
Surr: 4-Bromofluorobenzene	*	83.9-115		108.5	%REC	1	12/13/2017 4:38	137188
Surr: Dibromofluoromethane	*	84.9-113		95.0	%REC	1	12/13/2017 4:38	137188
Surr: Toluene-d8	*	86.7-112		102.2	%REC	1	12/13/2017 4:38	137188

Client: PSC Industrial Outsourcing, LP
 Client Project: Champaign FMGP Q4 2017 Groundwater
 Lab ID: 17120548-028
 Matrix: GROUNDWATER

Work Order: 17120548
 Report Date: 18-Dec-17
 Client Sample ID: UMW-902
 Collection Date: 12/07/2017 0:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.010		0.065	mg/L	2	12/14/2017 14:36	137197
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		0.00034	mg/L	1	12/13/2017 0:03	137097
Acenaphthylene	NELAP	0.00010		0.00049	mg/L	1	12/13/2017 0:03	137097
Anthracene	NELAP	0.00010		ND	mg/L	1	12/13/2017 0:03	137097
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/13/2017 0:03	137097
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/13/2017 0:03	137097
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/13/2017 0:03	137097
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/13/2017 0:03	137097
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/13/2017 0:03	137097
Chrysene	NELAP	0.00010		ND	mg/L	1	12/13/2017 0:03	137097
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/13/2017 0:03	137097
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/13/2017 0:03	137097
Fluorene	NELAP	0.00010		ND	mg/L	1	12/13/2017 0:03	137097
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/13/2017 0:03	137097
Naphthalene	NELAP	0.0100		2.22	mg/L	100	12/13/2017 18:00	137097
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/13/2017 0:03	137097
Pyrene	NELAP	0.00010		ND	mg/L	1	12/13/2017 0:03	137097
Surr: 2-Fluorobiphenyl	*	13.8-99.2	S	104.6	%REC	1	12/13/2017 0:03	137097
Surr: Nitrobenzene-d5	*	15.3-96.2		94.8	%REC	1	12/13/2017 0:03	137097
Surr: p-Terphenyl-d14	*	10-109		67.6	%REC	1	12/13/2017 0:03	137097

Surrogate recovery is outside control limits due to matrix interference.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	20.0		499	µg/L	10	12/13/2017 5:57	137188
Ethylbenzene	NELAP	50.0		766	µg/L	10	12/13/2017 5:57	137188
Toluene	NELAP	50.0		ND	µg/L	10	12/13/2017 5:57	137188
Xylenes, Total	NELAP	50.0		183	µg/L	10	12/13/2017 5:57	137188
Surr: 1,2-Dichloroethane-d4	*	79.6-118		94.6	%REC	10	12/13/2017 5:57	137188
Surr: 4-Bromofluorobenzene	*	83.9-115		105.3	%REC	10	12/13/2017 5:57	137188
Surr: Dibromofluoromethane	*	84.9-113		92.9	%REC	10	12/13/2017 5:57	137188
Surr: Toluene-d8	*	86.7-112		102.2	%REC	10	12/13/2017 5:57	137188

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

Client: PSC Industrial Outsourcing, LP
 Client Project: Champaign FMGP Q4 2017 Groundwater
 Lab ID: 17120548-029
 Matrix: GROUNDWATER

Work Order: 17120548
 Report Date: 18-Dec-17
 Client Sample ID: UMW-907R
 Collection Date: 12/06/2017 0:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.100		0.516	mg/L	20	12/14/2017 16:43	137197
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 23:33	137097
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	12/12/2017 23:33	137097
Anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 23:33	137097
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 23:33	137097
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 23:33	137097
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 23:33	137097
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/12/2017 23:33	137097
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 23:33	137097
Chrysene	NELAP	0.00010		ND	mg/L	1	12/12/2017 23:33	137097
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/12/2017 23:33	137097
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/12/2017 23:33	137097
Fluorene	NELAP	0.00010		ND	mg/L	1	12/12/2017 23:33	137097
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 23:33	137097
Naphthalene	NELAP	0.00010		0.00069	mg/L	1	12/12/2017 23:33	137097
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 23:33	137097
Pyrene	NELAP	0.00010		ND	mg/L	1	12/12/2017 23:33	137097
Surr: 2-Fluorobiphenyl	*	13.8-99.2		58.8	%REC	1	12/12/2017 23:33	137097
Surr: Nitrobenzene-d5	*	15.3-96.2		57.0	%REC	1	12/12/2017 23:33	137097
Surr: p-Terphenyl-d14	*	10-109		63.6	%REC	1	12/12/2017 23:33	137097
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		17.8	µg/L	1	12/13/2017 6:23	137188
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/13/2017 6:23	137188
Toluene	NELAP	5.0		ND	µg/L	1	12/13/2017 6:23	137188
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/13/2017 6:23	137188
Surr: 1,2-Dichloroethane-d4	*	79.6-118		93.5	%REC	1	12/13/2017 6:23	137188
Surr: 4-Bromofluorobenzene	*	83.9-115		106.9	%REC	1	12/13/2017 6:23	137188
Surr: Dibromofluoromethane	*	84.9-113		92.9	%REC	1	12/13/2017 6:23	137188
Surr: Toluene-d8	*	86.7-112		103.4	%REC	1	12/13/2017 6:23	137188



Laboratory Results

<http://www.teklabinc.com/>

Client: PSC Industrial Outsourcing, LP

Work Order: 17120548

Client Project: Champaign FMGP Q4 2017 Groundwater

Report Date: 18-Dec-17

Lab ID: 17120548-030

Client Sample ID: Trip Blank A

Matrix: TRIP BLANK

Collection Date: 12/08/2017 14:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	12/13/2017 6:48	137188
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/13/2017 6:48	137188
Toluene	NELAP	5.0		ND	µg/L	1	12/13/2017 6:48	137188
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/13/2017 6:48	137188
Surr: 1,2-Dichloroethane-d4	*	79.6-118		92.9	%REC	1	12/13/2017 6:48	137188
Surr: 4-Bromofluorobenzene	*	83.9-115		108.0	%REC	1	12/13/2017 6:48	137188
Surr: Dibromofluoromethane	*	84.9-113		92.5	%REC	1	12/13/2017 6:48	137188
Surr: Toluene-d8	*	86.7-112		103.3	%REC	1	12/13/2017 6:48	137188



Laboratory Results

<http://www.teklabinc.com/>

Client: PSC Industrial Outsourcing, LP
Client Project: Champaign FMGP Q4 2017 Groundwater
Lab ID: 17120548-031
Matrix: TRIP BLANK

Work Order: 17120548
Report Date: 18-Dec-17
Client Sample ID: Trip Blank B
Collection Date: 12/08/2017 14:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	12/13/2017 7:14	137188
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/13/2017 7:14	137188
Toluene	NELAP	5.0		ND	µg/L	1	12/13/2017 7:14	137188
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/13/2017 7:14	137188
Surr: 1,2-Dichloroethane-d4	*	79.6-118		94.7	%REC	1	12/13/2017 7:14	137188
Surr: 4-Bromofluorobenzene	*	83.9-115		108.4	%REC	1	12/13/2017 7:14	137188
Surr: Dibromofluoromethane	*	84.9-113		94.1	%REC	1	12/13/2017 7:14	137188
Surr: Toluene-d8	*	86.7-112		101.2	%REC	1	12/13/2017 7:14	137188

Client: PSC Industrial Outsourcing, LP

Work Order: 17120548

Client Project: Champaign FMGP Q4 2017 Groundwater

Report Date: 18-Dec-17

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
17120548-001	UMW-102	Groundwater	3	12/04/2017 15:28
17120548-002	UMW-105	Groundwater	3	12/07/2017 9:28
17120548-003	UMW-106R	Groundwater	3	12/06/2017 11:40
17120548-004	UMW-107R	Groundwater	3	12/06/2017 9:18
17120548-005	UMW-108	Groundwater	3	12/05/2017 15:25
17120548-006	UMW-109	Groundwater	3	12/05/2017 12:46
17120548-007	UMW-111A	Groundwater	3	12/06/2017 7:15
17120548-008	UMW-116	Groundwater	3	12/06/2017 10:16
17120548-009	UMW-117	Groundwater	3	12/05/2017 17:00
17120548-010	UMW-118	Groundwater	3	12/05/2017 14:20
17120548-011	UMW-119	Groundwater	3	12/05/2017 8:47
17120548-012	UMW-120	Groundwater	3	12/04/2017 16:25
17120548-013	UMW-121	Groundwater	3	12/07/2017 10:30
17120548-014	UMW-123	Groundwater	3	12/06/2017 13:00
17120548-015	UMW-124	Groundwater	3	12/07/2017 12:30
17120548-016	UMW-125	Groundwater	3	12/08/2017 9:45
17120548-017	UMW-126	Groundwater	3	12/07/2017 14:43
17120548-018	UMW-127	Groundwater	3	12/07/2017 16:40
17120548-019	UMW-300	Groundwater	3	12/05/2017 9:58
17120548-020	UMW-301R	Groundwater	3	12/07/2017 15:35
17120548-021	UMW-302	Groundwater	3	12/07/2017 11:15
17120548-022	UMW-303	Groundwater	3	12/05/2017 16:10
17120548-023	UMW-304R	Groundwater	3	12/08/2017 9:08
17120548-024	UMW-305	Groundwater	3	12/06/2017 15:46
17120548-025	UMW-306	Groundwater	3	12/06/2017 14:45
17120548-026	UMW-307	Groundwater	3	12/06/2017 13:50
17120548-027	UMW-308	Groundwater	3	12/07/2017 13:45
17120548-028	UMW-902	Groundwater	3	12/07/2017 0:00
17120548-029	UMW-907R	Groundwater	3	12/06/2017 0:00
17120548-030	Trip Blank A	Trip Blank	1	12/08/2017 14:10
17120548-031	Trip Blank B	Trip Blank	1	12/08/2017 14:10



Dates Report

<http://www.teklabinc.com/>

Client: PSC Industrial Outsourcing, LP

Work Order: 17120548

Client Project: Champaign FMGP Q4 2017 Groundwater

Report Date: 18-Dec-17

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
17120548-001A	UMW-102	12/04/2017 15:28	12/08/2017 14:10		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/08/2017 16:59	12/11/2017 15:48
17120548-001B	UMW-102	12/04/2017 15:28	12/08/2017 14:10		
	SW-846 9012A (Total)			12/11/2017 21:00	12/12/2017 17:38
17120548-001C	UMW-102	12/04/2017 15:28	12/08/2017 14:10		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/11/2017 14:49
17120548-002A	UMW-105	12/07/2017 9:28	12/08/2017 14:10		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/11/2017 14:52	12/12/2017 11:31
17120548-002B	UMW-105	12/07/2017 9:28	12/08/2017 14:10		
	SW-846 9012A (Total)			12/11/2017 21:00	12/12/2017 17:42
17120548-002C	UMW-105	12/07/2017 9:28	12/08/2017 14:10		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/11/2017 15:15
17120548-003A	UMW-106R	12/06/2017 11:40	12/08/2017 14:10		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/11/2017 14:52	12/12/2017 12:02
17120548-003B	UMW-106R	12/06/2017 11:40	12/08/2017 14:10		
	SW-846 9012A (Total)			12/11/2017 21:00	12/12/2017 17:46
17120548-003C	UMW-106R	12/06/2017 11:40	12/08/2017 14:10		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/11/2017 15:41
17120548-004A	UMW-107R	12/06/2017 9:18	12/08/2017 14:10		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/11/2017 14:52	12/12/2017 12:32
17120548-004B	UMW-107R	12/06/2017 9:18	12/08/2017 14:10		
	SW-846 9012A (Total)			12/11/2017 21:00	12/13/2017 16:25
17120548-004C	UMW-107R	12/06/2017 9:18	12/08/2017 14:10		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/11/2017 16:07
17120548-005A	UMW-108	12/05/2017 15:25	12/08/2017 14:10		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/08/2017 16:59	12/11/2017 16:19
17120548-005B	UMW-108	12/05/2017 15:25	12/08/2017 14:10		
	SW-846 9012A (Total)			12/11/2017 21:00	12/12/2017 17:55
17120548-005C	UMW-108	12/05/2017 15:25	12/08/2017 14:10		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/11/2017 16:32
17120548-006A	UMW-109	12/05/2017 12:46	12/08/2017 14:10		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/08/2017 16:59	12/11/2017 16:49
17120548-006B	UMW-109	12/05/2017 12:46	12/08/2017 14:10		
	SW-846 9012A (Total)			12/11/2017 21:00	12/12/2017 13:37
17120548-006C	UMW-109	12/05/2017 12:46	12/08/2017 14:10		



Dates Report

<http://www.teklabinc.com/>

Client: PSC Industrial Outsourcing, LP

Work Order: 17120548

Client Project: Champaign FMGP Q4 2017 Groundwater

Report Date: 18-Dec-17

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/11/2017 16:58
17120548-007A	UMW-111A	12/06/2017 7:15	12/08/2017 14:10		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/11/2017 14:52	12/12/2017 13:02
17120548-007B	UMW-111A	12/06/2017 7:15	12/08/2017 14:10		
	SW-846 9012A (Total)			12/11/2017 21:00	12/12/2017 18:04
17120548-007C	UMW-111A	12/06/2017 7:15	12/08/2017 14:10		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/11/2017 17:24
17120548-008A	UMW-116	12/06/2017 10:16	12/08/2017 14:10		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/11/2017 14:52	12/12/2017 13:33
17120548-008B	UMW-116	12/06/2017 10:16	12/08/2017 14:10		
	SW-846 9012A (Total)			12/11/2017 21:00	12/12/2017 18:08
17120548-008C	UMW-116	12/06/2017 10:16	12/08/2017 14:10		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/11/2017 17:50
17120548-009A	UMW-117	12/05/2017 17:00	12/08/2017 14:10		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/08/2017 16:59	12/11/2017 17:20
17120548-009B	UMW-117	12/05/2017 17:00	12/08/2017 14:10		
	SW-846 9012A (Total)			12/11/2017 21:00	12/12/2017 18:13
17120548-009C	UMW-117	12/05/2017 17:00	12/08/2017 14:10		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/11/2017 18:16
17120548-010A	UMW-118	12/05/2017 14:20	12/08/2017 14:10		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/08/2017 16:59	12/11/2017 17:50
17120548-010B	UMW-118	12/05/2017 14:20	12/08/2017 14:10		
	SW-846 9012A (Total)			12/13/2017 17:40	12/14/2017 16:25
17120548-010C	UMW-118	12/05/2017 14:20	12/08/2017 14:10		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/11/2017 18:42
17120548-011A	UMW-119	12/05/2017 8:47	12/08/2017 14:10		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/08/2017 16:59	12/11/2017 18:21
17120548-011B	UMW-119	12/05/2017 8:47	12/08/2017 14:10		
	SW-846 9012A (Total)			12/12/2017 17:35	12/13/2017 13:30
17120548-011C	UMW-119	12/05/2017 8:47	12/08/2017 14:10		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/11/2017 19:07
17120548-012A	UMW-120	12/04/2017 16:25	12/08/2017 14:10		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/08/2017 17:37	12/11/2017 18:51
17120548-012B	UMW-120	12/04/2017 16:25	12/08/2017 14:10		
	SW-846 9012A (Total)			12/12/2017 17:35	12/13/2017 15:14



Dates Report

<http://www.teklabinc.com/>

Client: PSC Industrial Outsourcing, LP

Work Order: 17120548

Client Project: Champaign FMGP Q4 2017 Groundwater

Report Date: 18-Dec-17

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
17120548-012C	UMW-120	12/04/2017 16:25	12/08/2017 14:10		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/11/2017 19:33
17120548-013A	UMW-121	12/07/2017 10:30	12/08/2017 14:10		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/11/2017 14:52	12/12/2017 14:03
17120548-013B	UMW-121	12/07/2017 10:30	12/08/2017 14:10		
	SW-846 9012A (Total)			12/12/2017 17:35	12/13/2017 17:08
17120548-013C	UMW-121	12/07/2017 10:30	12/08/2017 14:10		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/14/2017 12:26
17120548-014A	UMW-123	12/06/2017 13:00	12/08/2017 14:10		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/11/2017 14:52	12/12/2017 14:34
17120548-014B	UMW-123	12/06/2017 13:00	12/08/2017 14:10		
	SW-846 9012A (Total)			12/12/2017 17:35	12/13/2017 14:09
17120548-014C	UMW-123	12/06/2017 13:00	12/08/2017 14:10		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/13/2017 1:00
17120548-015A	UMW-124	12/07/2017 12:30	12/08/2017 14:10		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/11/2017 14:52	12/12/2017 18:01
17120548-015B	UMW-124	12/07/2017 12:30	12/08/2017 14:10		
	SW-846 9012A (Total)			12/12/2017 17:35	12/13/2017 14:13
17120548-015C	UMW-124	12/07/2017 12:30	12/08/2017 14:10		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/12/2017 22:33
17120548-016A	UMW-125	12/08/2017 9:45	12/08/2017 14:10		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/11/2017 14:52	12/12/2017 18:32
17120548-016B	UMW-125	12/08/2017 9:45	12/08/2017 14:10		
	SW-846 9012A (Total)			12/12/2017 17:35	12/13/2017 17:12
17120548-016C	UMW-125	12/08/2017 9:45	12/08/2017 14:10		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/12/2017 22:59
17120548-017A	UMW-126	12/07/2017 14:43	12/08/2017 14:10		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/11/2017 14:52	12/12/2017 19:02
17120548-017B	UMW-126	12/07/2017 14:43	12/08/2017 14:10		
	SW-846 9012A (Total)			12/12/2017 17:35	12/13/2017 14:22
17120548-017C	UMW-126	12/07/2017 14:43	12/08/2017 14:10		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/12/2017 23:25
17120548-018A	UMW-127	12/07/2017 16:40	12/08/2017 14:10		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/11/2017 14:52	12/13/2017 0:33
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/11/2017 14:52	12/13/2017 17:00



Dates Report

<http://www.teklabinc.com/>

Client: PSC Industrial Outsourcing, LP

Work Order: 17120548

Client Project: Champaign FMGP Q4 2017 Groundwater

Report Date: 18-Dec-17

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
17120548-018B	UMW-127	12/07/2017 16:40	12/08/2017 14:10		
	SW-846 9012A (Total)			12/12/2017 17:35	12/13/2017 14:31
17120548-018C	UMW-127	12/07/2017 16:40	12/08/2017 14:10		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/12/2017 23:51
17120548-019A	UMW-300	12/05/2017 9:58	12/08/2017 14:10		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/08/2017 17:37	12/12/2017 10:30
17120548-019B	UMW-300	12/05/2017 9:58	12/08/2017 14:10		
	SW-846 9012A (Total)			12/12/2017 17:35	12/13/2017 14:35
17120548-019C	UMW-300	12/05/2017 9:58	12/08/2017 14:10		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/13/2017 0:17
17120548-020A	UMW-301R	12/07/2017 15:35	12/08/2017 14:10		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/08/2017 17:37	12/11/2017 19:22
17120548-020B	UMW-301R	12/07/2017 15:35	12/08/2017 14:10		
	SW-846 9012A (Total)			12/12/2017 17:35	12/13/2017 14:39
17120548-020C	UMW-301R	12/07/2017 15:35	12/08/2017 14:10		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/13/2017 0:44
17120548-021A	UMW-302	12/07/2017 11:15	12/08/2017 14:10		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/11/2017 14:52	12/12/2017 19:32
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/11/2017 14:52	12/13/2017 17:30
17120548-021B	UMW-302	12/07/2017 11:15	12/08/2017 14:10		
	SW-846 9012A (Total)			12/12/2017 17:35	12/13/2017 17:38
17120548-021C	UMW-302	12/07/2017 11:15	12/08/2017 14:10		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/13/2017 2:02
17120548-022A	UMW-303	12/05/2017 16:10	12/08/2017 14:10		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/08/2017 17:37	12/12/2017 11:01
17120548-022B	UMW-303	12/05/2017 16:10	12/08/2017 14:10		
	SW-846 9012A (Total)			12/12/2017 17:35	12/13/2017 15:23
17120548-022C	UMW-303	12/05/2017 16:10	12/08/2017 14:10		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/13/2017 2:28
17120548-023A	UMW-304R	12/08/2017 9:08	12/08/2017 14:10		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/11/2017 14:52	12/12/2017 20:03
17120548-023B	UMW-304R	12/08/2017 9:08	12/08/2017 14:10		
	SW-846 9012A (Total)			12/13/2017 17:40	12/14/2017 15:41
17120548-023C	UMW-304R	12/08/2017 9:08	12/08/2017 14:10		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/13/2017 2:54



Dates Report

<http://www.teklabinc.com/>

Client: PSC Industrial Outsourcing, LP

Work Order: 17120548

Client Project: Champaign FMGP Q4 2017 Groundwater

Report Date: 18-Dec-17

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
17120548-024A	UMW-305	12/06/2017 15:46	12/08/2017 14:10		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/11/2017 17:28	12/12/2017 20:33
17120548-024B	UMW-305	12/06/2017 15:46	12/08/2017 14:10		
	SW-846 9012A (Total)			12/13/2017 17:40	12/14/2017 15:46
17120548-024C	UMW-305	12/06/2017 15:46	12/08/2017 14:10		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/13/2017 3:20
17120548-025A	UMW-306	12/06/2017 14:45	12/08/2017 14:10		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/11/2017 17:28	12/12/2017 21:03
17120548-025B	UMW-306	12/06/2017 14:45	12/08/2017 14:10		
	SW-846 9012A (Total)			12/13/2017 17:40	12/14/2017 15:50
17120548-025C	UMW-306	12/06/2017 14:45	12/08/2017 14:10		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/13/2017 3:46
17120548-026A	UMW-307	12/06/2017 13:50	12/08/2017 14:10		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/11/2017 17:28	12/12/2017 21:33
17120548-026B	UMW-307	12/06/2017 13:50	12/08/2017 14:10		
	SW-846 9012A (Total)			12/13/2017 17:40	12/14/2017 15:54
17120548-026C	UMW-307	12/06/2017 13:50	12/08/2017 14:10		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/13/2017 4:12
17120548-027A	UMW-308	12/07/2017 13:45	12/08/2017 14:10		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/11/2017 17:28	12/12/2017 22:03
17120548-027B	UMW-308	12/07/2017 13:45	12/08/2017 14:10		
	SW-846 9012A (Total)			12/13/2017 17:40	12/14/2017 12:47
17120548-027C	UMW-308	12/07/2017 13:45	12/08/2017 14:10		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/13/2017 4:38
17120548-028A	UMW-902	12/07/2017 0:00	12/08/2017 14:10		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/11/2017 17:28	12/13/2017 0:03
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/11/2017 17:28	12/13/2017 18:00
17120548-028B	UMW-902	12/07/2017 0:00	12/08/2017 14:10		
	SW-846 9012A (Total)			12/13/2017 17:40	12/14/2017 14:36
17120548-028C	UMW-902	12/07/2017 0:00	12/08/2017 14:10		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/13/2017 5:57
17120548-029A	UMW-907R	12/06/2017 0:00	12/08/2017 14:10		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/11/2017 17:28	12/12/2017 23:33
17120548-029B	UMW-907R	12/06/2017 0:00	12/08/2017 14:10		
	SW-846 9012A (Total)			12/13/2017 17:40	12/14/2017 16:43



Dates Report

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Client: PSC Industrial Outsourcing, LP

Work Order: 17120548

Client Project: Champaign FMGP Q4 2017 Groundwater

Report Date: 18-Dec-17

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
17120548-029C	UMW-907R	12/06/2017 0:00	12/08/2017 14:10		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/13/2017 6:23
17120548-030A	Trip Blank A	12/08/2017 14:10	12/08/2017 14:10		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/13/2017 6:48
17120548-031A	Trip Blank B	12/08/2017 14:10	12/08/2017 14:10		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/13/2017 7:14

Client: PSC Industrial Outsourcing, LP

Work Order: 17120548

Client Project: Champaign FMGP Q4 2017 Groundwater

Report Date: 18-Dec-17

SW-846 9012A (TOTAL)

Batch 137116		SampType: MBLK		Units mg/L						Date Analyzed
SampID: MBLK 171211 TCN3										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.005		< 0.005						12/12/2017	

Batch 137116		SampType: LCS		Units mg/L						Date Analyzed
SampID: LCS 2 171211 TCN3										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.005		0.026	0.02500	0	104.0	90	110	12/13/2017	

Batch 137116		SampType: MS		Units mg/L						Date Analyzed
SampID: 17120548-006BMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.005		0.028	0.02500	0	110.7	75	125	12/12/2017	

Batch 137116		SampType: MSD		Units mg/L		RPD Limit 15				Date Analyzed
SampID: 17120548-006BMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Cyanide	0.005		0.027	0.02500	0	106.2	0.02768	4.15	12/12/2017	

Batch 137153		SampType: MBLK		Units mg/L						Date Analyzed
SampID: MBLK 171212 DW										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.005		< 0.005						12/13/2017	

Batch 137153		SampType: MBLK		Units mg/L						Date Analyzed
SampID: MBLK 171212 TCN1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.005		< 0.005						12/13/2017	

Batch 137153		SampType: LCS		Units mg/L						Date Analyzed
SampID: LCS 171212 DW										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.005		0.027	0.02500	0	108.9	90	110	12/13/2017	

Batch 137153		SampType: LCS		Units mg/L						Date Analyzed
SampID: LCS 171212 TCN1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.005		0.024	0.02500	0	96.2	90	110	12/13/2017	

Batch 137153		SampType: MS		Units mg/L						Date Analyzed
SampID: 17120548-011BMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.005	E	0.062	0.02500	0.03903	92.2	75	125	12/13/2017	



Quality Control Results

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Client: PSC Industrial Outsourcing, LP

Work Order: 17120548

Client Project: Champaign FMGP Q4 2017 Groundwater

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SW-846 9012A (TOTAL)

Batch 137153		SampType: MSD		Units mg/L		RPD Limit 15				Date Analyzed
SampID: 17120548-011BMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Cyanide	0.005	E	0.066	0.02500	0.03903	109.7	0.06207	6.82	12/13/2017	

Batch 137153		SampType: MS		Units mg/L						Date Analyzed
SampID: 17120548-020BMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.005		0.028	0.02500	0	110.7	75	125	12/13/2017	

Batch 137153		SampType: MSD		Units mg/L		RPD Limit 15				Date Analyzed
SampID: 17120548-020BMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Cyanide	0.005	R	0.023	0.02500	0	92.1	0.02768	18.39	12/13/2017	

Batch 137197		SampType: MBLK		Units mg/L						Date Analyzed
SampID: MBLK 171213 DW										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.005		< 0.005						12/14/2017	

Batch 137197		SampType: MBLK		Units mg/L						Date Analyzed
SampID: MBLK 171213 TCN1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.005		< 0.005						12/14/2017	

Batch 137197		SampType: LCS		Units mg/L						Date Analyzed
SampID: LCS 171213 TCN1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.005		0.021	0.02500	0	85.8	85	115	12/14/2017	

Batch 137197		SampType: LCS		Units mg/L						Date Analyzed
SampID: LCS 2 171213 DW										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.005		0.026	0.02500	0	105.4	90	110	12/14/2017	

Batch 137197		SampType: MS		Units mg/L						Date Analyzed
SampID: 17120548-010BMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.010		0.080	0.02500	0.05942	81.9	75	125	12/14/2017	

Batch 137197		SampType: MSD		Units mg/L		RPD Limit 15				Date Analyzed
SampID: 17120548-010BMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Cyanide	0.010		0.083	0.02500	0.05942	95.3	0.07989	4.12	12/14/2017	



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Client: PSC Industrial Outsourcing, LP

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SW-846 9012A (TOTAL)

Batch 137197		SampType: MS		Units mg/L						Date Analyzed
SampID: 17120548-027BMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide	0.005	S	0.033	0.02500	0	133.7	75	125	12/14/2017	

Batch 137197		SampType: MSD		Units mg/L						RPD Limit 15	Date Analyzed
SampID: 17120548-027BMSD											
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Cyanide	0.005	SR	0.042	0.02500	0	168.2	0.03344	22.81	12/14/2017		

SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 137058		SampType: MBLK		Units mg/L						Date Analyzed
SampID: MBLK-137058										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.00010		ND						12/09/2017	
Acenaphthene	0.00010		ND						12/11/2017	
Acenaphthylene	0.00010		ND						12/09/2017	
Anthracene	0.00010		ND						12/09/2017	
Anthracene	0.00010		ND						12/11/2017	
Benzo(a)anthracene	0.00010		ND						12/09/2017	
Benzo(a)pyrene	0.00010		ND						12/09/2017	
Benzo(b)fluoranthene	0.00010		ND						12/09/2017	
Benzo(g,h,i)perylene	0.00010		ND						12/09/2017	
Benzo(k)fluoranthene	0.00010		ND						12/09/2017	
Chrysene	0.00010		ND						12/09/2017	
Dibenzo(a,h)anthracene	0.00010		ND						12/09/2017	
Fluoranthene	0.00010		ND						12/09/2017	
Fluoranthene	0.00010		ND						12/11/2017	
Fluorene	0.00010		ND						12/09/2017	
Fluorene	0.00010		ND						12/11/2017	
Indeno(1,2,3-cd)pyrene	0.00010		ND						12/09/2017	
Naphthalene	0.00010		ND						12/09/2017	
Naphthalene	0.00010		ND						12/11/2017	
Phenanthrene	0.00010		ND						12/09/2017	
Phenanthrene	0.00010		ND						12/11/2017	
Pyrene	0.00010		ND						12/09/2017	
Pyrene	0.00010		ND						12/11/2017	
Surr: 2-Fluorobiphenyl			0.00348	0.00500C		69.6	44.4	100	12/09/2017	
Surr: 2-Fluorobiphenyl			0.00386	0.00500C		77.2	41.4	103	12/11/2017	
Surr: Nitrobenzene-d5			0.00319	0.00500C		63.8	35.3	110	12/09/2017	
Surr: Nitrobenzene-d5			0.00394	0.00500C		78.8	43.5	100	12/11/2017	
Surr: p-Terphenyl-d14			0.00448	0.00500C		89.6	51.7	106	12/09/2017	
Surr: p-Terphenyl-d14			0.00473	0.00500C		94.6	44.4	114	12/11/2017	



Quality Control Results

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Work Order: 17120548

Client Project: Champaign FMGP Q4 2017 Groundwater

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SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 137058		SampType: LCS		Units mg/L						Date Analyzed
SampID: LCS-137058										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.00010		0.00356	0.00500C	0	71.2	33.2	114	12/09/2017	
Acenaphthene	0.00010		0.00382	0.00500C	0	76.4	55.5	116	12/11/2017	
Acenaphthylene	0.00010		0.00349	0.00500C	0	69.8	33.5	115	12/09/2017	
Anthracene	0.00010		0.00400	0.00500C	0	80.0	59.4	119	12/11/2017	
Anthracene	0.00010		0.00372	0.00500C	0	74.4	35.1	113	12/09/2017	
Benzo(a)anthracene	0.00010		0.00383	0.00500C	0	76.6	32.1	125	12/09/2017	
Benzo(a)pyrene	0.00010		0.00372	0.00500C	0	74.4	35.3	120	12/09/2017	
Benzo(b)fluoranthene	0.00010		0.00366	0.00500C	0	73.2	38	119	12/09/2017	
Benzo(g,h,i)perylene	0.00010		0.00350	0.00500C	0	70.0	40.1	114	12/09/2017	
Benzo(k)fluoranthene	0.00010		0.00383	0.00500C	0	76.6	38.1	119	12/09/2017	
Chrysene	0.00010		0.00386	0.00500C	0	77.2	39.6	116	12/09/2017	
Dibenzo(a,h)anthracene	0.00010		0.00355	0.00500C	0	71.0	38.9	114	12/09/2017	
Fluoranthene	0.00010		0.00356	0.00500C	0	71.2	35.5	117	12/09/2017	
Fluoranthene	0.00010		0.00421	0.00500C	0	84.2	60.1	133	12/11/2017	
Fluorene	0.00010		0.00363	0.00500C	0	72.6	40.3	110	12/09/2017	
Fluorene	0.00010		0.00397	0.00500C	0	79.4	59	120	12/11/2017	
Indeno(1,2,3-cd)pyrene	0.00010		0.00358	0.00500C	0	71.6	40.4	115	12/09/2017	
Naphthalene	0.00010		0.00345	0.00500C	0	69.0	28.9	106	12/09/2017	
Naphthalene	0.00010		0.00375	0.00500C	0	75.0	53.6	109	12/11/2017	
Phenanthrene	0.00010		0.00368	0.00500C	0	73.6	35	112	12/09/2017	
Phenanthrene	0.00010		0.00404	0.00500C	0	80.8	60.5	119	12/11/2017	
Pyrene	0.00010		0.00370	0.00500C	0	74.0	34.4	116	12/09/2017	
Pyrene	0.00010		0.00427	0.00500C	0	85.4	61.5	129	12/11/2017	
Surr: 2-Fluorobiphenyl			0.00335	0.00500C		67.0	44.4	100	12/09/2017	
Surr: 2-Fluorobiphenyl			0.00357	0.00500C		71.4	41.4	103	12/11/2017	
Surr: Nitrobenzene-d5			0.00340	0.00500C		68.0	35.3	110	12/09/2017	
Surr: Nitrobenzene-d5			0.00349	0.00500C		69.8	43.5	100	12/11/2017	
Surr: p-Terphenyl-d14			0.00433	0.00500C		86.6	51.7	106	12/09/2017	
Surr: p-Terphenyl-d14			0.00420	0.00500C		84.0	44.4	114	12/11/2017	



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Client: PSC Industrial Outsourcing, LP

Work Order: 17120548

Client Project: Champaign FMGP Q4 2017 Groundwater

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SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Batch 137058 SampType: LCSD Units mg/L RPD Limit 50									
SampID: LCSD-137058									
Acenaphthene	0.00010		0.00307	0.00500C	0	61.4	0.003560	14.78	12/09/2017
Acenaphthene	0.00010		0.00335	0.00500C	0	67.0	0.003820	13.11	12/11/2017
Acenaphthylene	0.00010		0.00301	0.00500C	0	60.2	0.003490	14.77	12/09/2017
Anthracene	0.00010		0.00338	0.00500C	0	67.6	0.003720	9.58	12/09/2017
Anthracene	0.00010		0.00370	0.00500C	0	74.0	0.004000	7.79	12/11/2017
Benzo(a)anthracene	0.00010		0.00336	0.00500C	0	67.2	0.003830	13.07	12/09/2017
Benzo(a)pyrene	0.00010		0.00327	0.00500C	0	65.4	0.003720	12.88	12/09/2017
Benzo(b)fluoranthene	0.00010		0.00321	0.00500C	0	64.2	0.003660	13.10	12/09/2017
Benzo(g,h,i)perylene	0.00010		0.00302	0.00500C	0	60.4	0.003500	14.72	12/09/2017
Benzo(k)fluoranthene	0.00010		0.00334	0.00500C	0	66.8	0.003830	13.67	12/09/2017
Chrysene	0.00010		0.00340	0.00500C	0	68.0	0.003860	12.67	12/09/2017
Dibenzo(a,h)anthracene	0.00010		0.00307	0.00500C	0	61.4	0.003550	14.50	12/09/2017
Fluoranthene	0.00010		0.00320	0.00500C	0	64.0	0.003560	10.65	12/09/2017
Fluoranthene	0.00010		0.00377	0.00500C	0	75.4	0.004210	11.03	12/11/2017
Fluorene	0.00010		0.00348	0.00500C	0	69.6	0.003970	13.15	12/11/2017
Fluorene	0.00010		0.00304	0.00500C	0	60.8	0.003630	17.69	12/09/2017
Indeno(1,2,3-cd)pyrene	0.00010		0.00310	0.00500C	0	62.0	0.003580	14.37	12/09/2017
Naphthalene	0.00010		0.00327	0.00500C	0	65.4	0.003750	13.68	12/11/2017
Naphthalene	0.00010		0.00296	0.00500C	0	59.2	0.003450	15.29	12/09/2017
Phenanthrene	0.00010		0.00327	0.00500C	0	65.4	0.003680	11.80	12/09/2017
Phenanthrene	0.00010		0.00369	0.00500C	0	73.8	0.004040	9.06	12/11/2017
Pyrene	0.00010		0.00384	0.00500C	0	76.8	0.004270	10.60	12/11/2017
Pyrene	0.00010		0.00332	0.00500C	0	66.4	0.003700	10.83	12/09/2017
Surr: 2-Fluorobiphenyl			0.00280	0.00500C		56.0			12/09/2017
Surr: 2-Fluorobiphenyl			0.00295	0.00500C		59.0			12/11/2017
Surr: Nitrobenzene-d5			0.00283	0.00500C		56.6			12/11/2017
Surr: Nitrobenzene-d5			0.00284	0.00500C		56.8			12/09/2017
Surr: p-Terphenyl-d14			0.00420	0.00500C		84.0			12/09/2017
Surr: p-Terphenyl-d14			0.00398	0.00500C		79.6			12/11/2017



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Client: PSC Industrial Outsourcing, LP

Work Order: 17120548

Client Project: Champaign FMGP Q4 2017 Groundwater

Report Date: 18-Dec-17

SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 137058		SampType: MS		Units mg/L						Date Analyzed
SampID: 17120548-020AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.00010		0.00605	0.00500C	0.002630	68.4	28.4	106	12/11/2017	
Acenaphthylene	0.00010		0.00654	0.00500C	0.003100	68.8	26.6	100	12/11/2017	
Anthracene	0.00010		0.00338	0.00500C	0	67.6	24.7	101	12/11/2017	
Benzo(a)anthracene	0.00010		0.00342	0.00500C	0	68.4	43.6	101	12/11/2017	
Benzo(a)pyrene	0.00010		0.00337	0.00500C	0	67.4	39.2	106	12/11/2017	
Benzo(b)fluoranthene	0.00010		0.00348	0.00500C	0	69.6	39.2	105	12/11/2017	
Benzo(g,h,i)perylene	0.00010		0.00237	0.00500C	0	47.4	22.7	106	12/11/2017	
Benzo(k)fluoranthene	0.00010		0.00375	0.00500C	0	75.0	39.3	106	12/11/2017	
Chrysene	0.00010		0.00345	0.00500C	0	69.0	39.5	98.7	12/11/2017	
Dibenzo(a,h)anthracene	0.00010		0.00257	0.00500C	0	51.4	28.3	106	12/11/2017	
Fluoranthene	0.00010		0.00321	0.00500C	0	64.2	29.7	102	12/11/2017	
Fluorene	0.00010		0.00336	0.00500C	0.0001100	65.0	35.2	98.6	12/11/2017	
Indeno(1,2,3-cd)pyrene	0.00010		0.00254	0.00500C	0	50.8	28.3	106	12/11/2017	
Naphthalene	0.00010		0.00313	0.00500C	0	62.6	23.5	94.3	12/11/2017	
Phenanthrene	0.00010		0.00328	0.00500C	0	65.6	30	98.5	12/11/2017	
Pyrene	0.00010		0.00335	0.00500C	0	67.0	29.7	102	12/11/2017	
Surr: 2-Fluorobiphenyl			0.00297	0.00500C		59.4	13.8	99.2	12/11/2017	
Surr: Nitrobenzene-d5			0.00299	0.00500C		59.8	15.3	96.2	12/11/2017	
Surr: p-Terphenyl-d14			0.00381	0.00500C		76.2	10	109	12/11/2017	

Batch 137058		SampType: MSD		Units mg/L				RPD Limit 50		Date Analyzed
SampID: 17120548-020AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Acenaphthene	0.00010		0.00606	0.00500C	0.002630	68.6	0.006050	0.17	12/13/2017	
Acenaphthylene	0.00010		0.00652	0.00500C	0.003100	68.4	0.006540	0.31	12/13/2017	
Anthracene	0.00010		0.00329	0.00500C	0	65.8	0.003380	2.70	12/13/2017	
Benzo(a)anthracene	0.00010		0.00342	0.00500C	0	68.4	0.003420	0.00	12/13/2017	
Benzo(a)pyrene	0.00010		0.00327	0.00500C	0	65.4	0.003370	3.01	12/13/2017	
Benzo(b)fluoranthene	0.00010		0.00323	0.00500C	0	64.6	0.003480	7.45	12/13/2017	
Benzo(g,h,i)perylene	0.00010		0.00311	0.00500C	0	62.2	0.002370	27.01	12/13/2017	
Benzo(k)fluoranthene	0.00010		0.00325	0.00500C	0	65.0	0.003750	14.29	12/13/2017	
Chrysene	0.00010		0.00342	0.00500C	0	68.4	0.003450	0.87	12/13/2017	
Dibenzo(a,h)anthracene	0.00010		0.00314	0.00500C	0	62.8	0.002570	19.96	12/13/2017	
Fluoranthene	0.00010		0.00323	0.00500C	0	64.6	0.003210	0.62	12/13/2017	
Fluorene	0.00010		0.00334	0.00500C	0.0001100	64.6	0.003360	0.60	12/13/2017	
Indeno(1,2,3-cd)pyrene	0.00010		0.00317	0.00500C	0	63.4	0.002540	22.07	12/13/2017	
Naphthalene	0.00010		0.00327	0.00500C	0	65.4	0.003130	4.38	12/13/2017	
Phenanthrene	0.00010		0.00325	0.00500C	0	65.0	0.003280	0.92	12/13/2017	
Pyrene	0.00010		0.00323	0.00500C	0	64.6	0.003350	3.65	12/13/2017	
Surr: 2-Fluorobiphenyl			0.00304	0.00500C		60.8			12/13/2017	
Surr: Nitrobenzene-d5			0.00308	0.00500C		61.6			12/13/2017	
Surr: p-Terphenyl-d14			0.00348	0.00500C		69.6			12/13/2017	

Client: PSC Industrial Outsourcing, LP

Work Order: 17120548

Client Project: Champaign FMGP Q4 2017 Groundwater

Report Date: 18-Dec-17

SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 137097		SampType: MBLK		Units mg/L						
SampID: MBLK-137097										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.00010		ND						12/12/2017	
Acenaphthylene	0.00010		ND						12/12/2017	
Anthracene	0.00010		ND						12/12/2017	
Benzo(a)anthracene	0.00010		ND						12/12/2017	
Benzo(a)pyrene	0.00010		ND						12/12/2017	
Benzo(b)fluoranthene	0.00010		ND						12/12/2017	
Benzo(g,h,i)perylene	0.00010		ND						12/12/2017	
Benzo(k)fluoranthene	0.00010		ND						12/12/2017	
Chrysene	0.00010		ND						12/12/2017	
Dibenzo(a,h)anthracene	0.00010		ND						12/12/2017	
Fluoranthene	0.00010		ND						12/12/2017	
Fluorene	0.00010		ND						12/12/2017	
Indeno(1,2,3-cd)pyrene	0.00010		ND						12/12/2017	
Naphthalene	0.00010		ND						12/12/2017	
Phenanthrene	0.00010		ND						12/12/2017	
Pyrene	0.00010		ND						12/12/2017	
Surr: 2-Fluorobiphenyl			0.00283	0.00500C		56.6	44.4	100	12/12/2017	
Surr: Nitrobenzene-d5			0.00257	0.00500C		51.4	35.3	110	12/12/2017	
Surr: p-Terphenyl-d14			0.00375	0.00500C		75.0	51.7	106	12/12/2017	

Batch 137097		SampType: LCS		Units mg/L						
SampID: LCS-137097										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.00010		0.00333	0.00500C	0	66.6	33.2	114	12/12/2017	
Acenaphthylene	0.00010		0.00329	0.00500C	0	65.8	33.5	115	12/12/2017	
Anthracene	0.00010		0.00365	0.00500C	0	73.0	35.1	113	12/12/2017	
Benzo(a)anthracene	0.00010		0.00371	0.00500C	0	74.2	32.1	125	12/12/2017	
Benzo(a)pyrene	0.00010		0.00358	0.00500C	0	71.6	35.3	120	12/12/2017	
Benzo(b)fluoranthene	0.00010		0.00349	0.00500C	0	69.8	38	119	12/12/2017	
Benzo(g,h,i)perylene	0.00010		0.00327	0.00500C	0	65.4	40.1	114	12/12/2017	
Benzo(k)fluoranthene	0.00010		0.00375	0.00500C	0	75.0	38.1	119	12/12/2017	
Chrysene	0.00010		0.00367	0.00500C	0	73.4	39.6	116	12/12/2017	
Dibenzo(a,h)anthracene	0.00010		0.00332	0.00500C	0	66.4	38.9	114	12/12/2017	
Fluoranthene	0.00010		0.00371	0.00500C	0	74.2	35.5	117	12/12/2017	
Fluorene	0.00010		0.00357	0.00500C	0	71.4	40.3	110	12/12/2017	
Indeno(1,2,3-cd)pyrene	0.00010		0.00335	0.00500C	0	67.0	40.4	115	12/12/2017	
Naphthalene	0.00010		0.00316	0.00500C	0	63.2	28.9	106	12/12/2017	
Phenanthrene	0.00010		0.00359	0.00500C	0	71.8	35	112	12/12/2017	
Pyrene	0.00010		0.00374	0.00500C	0	74.8	34.4	116	12/12/2017	
Surr: 2-Fluorobiphenyl			0.00301	0.00500C		60.2	44.4	100	12/12/2017	
Surr: Nitrobenzene-d5			0.00312	0.00500C		62.4	35.3	110	12/12/2017	
Surr: p-Terphenyl-d14			0.00409	0.00500C		81.8	51.7	106	12/12/2017	



Quality Control Results

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Client: PSC Industrial Outsourcing, LP

Work Order: 17120548

Client Project: Champaign FMGP Q4 2017 Groundwater

Report Date: 18-Dec-17

SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 137097		SampType: LCSD		Units mg/L				RPD Limit 50		Date Analyzed
SampID: LCSD-137097										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Acenaphthene	0.00010		0.00319	0.00500C	0	63.8	0.003330	4.29	12/12/2017	
Acenaphthylene	0.00010		0.00310	0.00500C	0	62.0	0.003290	5.95	12/12/2017	
Anthracene	0.00010		0.00349	0.00500C	0	69.8	0.003650	4.48	12/12/2017	
Benzo(a)anthracene	0.00010		0.00364	0.00500C	0	72.8	0.003710	1.90	12/12/2017	
Benzo(a)pyrene	0.00010		0.00355	0.00500C	0	71.0	0.003580	0.84	12/12/2017	
Benzo(b)fluoranthene	0.00010		0.00362	0.00500C	0	72.4	0.003490	3.66	12/12/2017	
Benzo(g,h,i)perylene	0.00010		0.00325	0.00500C	0	65.0	0.003270	0.61	12/12/2017	
Benzo(k)fluoranthene	0.00010		0.00358	0.00500C	0	71.6	0.003750	4.64	12/12/2017	
Chrysene	0.00010		0.00367	0.00500C	0	73.4	0.003670	0.00	12/12/2017	
Dibenzo(a,h)anthracene	0.00010		0.00330	0.00500C	0	66.0	0.003320	0.60	12/12/2017	
Fluoranthene	0.00010		0.00363	0.00500C	0	72.6	0.003710	2.18	12/12/2017	
Fluorene	0.00010		0.00338	0.00500C	0	67.6	0.003570	5.47	12/12/2017	
Indeno(1,2,3-cd)pyrene	0.00010		0.00332	0.00500C	0	66.4	0.003350	0.90	12/12/2017	
Naphthalene	0.00010		0.00294	0.00500C	0	58.8	0.003160	7.21	12/12/2017	
Phenanthrene	0.00010		0.00344	0.00500C	0	68.8	0.003590	4.27	12/12/2017	
Pyrene	0.00010		0.00359	0.00500C	0	71.8	0.003740	4.09	12/12/2017	
Surr: 2-Fluorobiphenyl			0.00294	0.00500C		58.8			12/12/2017	
Surr: Nitrobenzene-d5			0.00301	0.00500C		60.2			12/12/2017	
Surr: p-Terphenyl-d14			0.00414	0.00500C		82.8			12/12/2017	

Batch 137097		SampType: MS		Units mg/L						Date Analyzed
SampID: 17120548-027AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Acenaphthene	0.00010		0.00332	0.00500C	0	66.4	28.4	106	12/12/2017	
Acenaphthylene	0.00010		0.00325	0.00500C	0	65.0	26.6	100	12/12/2017	
Anthracene	0.00010		0.00338	0.00500C	0	67.6	24.7	101	12/12/2017	
Benzo(a)anthracene	0.00010		0.00351	0.00500C	0	70.2	43.6	101	12/12/2017	
Benzo(a)pyrene	0.00010		0.00341	0.00500C	0	68.2	39.2	106	12/12/2017	
Benzo(b)fluoranthene	0.00010		0.00342	0.00500C	0	68.4	39.2	105	12/12/2017	
Benzo(g,h,i)perylene	0.00010		0.00292	0.00500C	0	58.4	22.7	106	12/12/2017	
Benzo(k)fluoranthene	0.00010		0.00346	0.00500C	0	69.2	39.3	106	12/12/2017	
Chrysene	0.00010		0.00349	0.00500C	0	69.8	39.5	98.7	12/12/2017	
Dibenzo(a,h)anthracene	0.00010		0.00306	0.00500C	0	61.2	28.3	106	12/12/2017	
Fluoranthene	0.00010		0.00332	0.00500C	0	66.4	29.7	102	12/12/2017	
Fluorene	0.00010		0.00322	0.00500C	0	64.4	35.2	98.6	12/12/2017	
Indeno(1,2,3-cd)pyrene	0.00010		0.00307	0.00500C	0	61.4	28.3	106	12/12/2017	
Naphthalene	0.00010		0.00336	0.00500C	0	67.2	23.5	94.3	12/12/2017	
Phenanthrene	0.00010		0.00343	0.00500C	0	68.6	30	98.5	12/12/2017	
Pyrene	0.00010		0.00336	0.00500C	0	67.2	29.7	102	12/12/2017	
Surr: 2-Fluorobiphenyl			0.00312	0.00500C		62.4	13.8	99.2	12/12/2017	
Surr: Nitrobenzene-d5			0.00311	0.00500C		62.2	15.3	96.2	12/12/2017	
Surr: p-Terphenyl-d14			0.00378	0.00500C		75.6	10	109	12/12/2017	

Client: PSC Industrial Outsourcing, LP

Work Order: 17120548

Client Project: Champaign FMGP Q4 2017 Groundwater

Report Date: 18-Dec-17

SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 137097		SampType: MSD		Units mg/L				RPD Limit 50		Date Analyzed
SampID: 17120548-027AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Acenaphthene	0.00010		0.00344	0.00500C	0	68.8	0.003320	3.55	12/12/2017	
Acenaphthylene	0.00010		0.00334	0.00500C	0	66.8	0.003250	2.73	12/12/2017	
Anthracene	0.00010		0.00351	0.00500C	0	70.2	0.003380	3.77	12/12/2017	
Benzo(a)anthracene	0.00010		0.00364	0.00500C	0	72.8	0.003510	3.64	12/12/2017	
Benzo(a)pyrene	0.00010		0.00355	0.00500C	0	71.0	0.003410	4.02	12/12/2017	
Benzo(b)fluoranthene	0.00010		0.00353	0.00500C	0	70.6	0.003420	3.17	12/12/2017	
Benzo(g,h,i)perylene	0.00010		0.00302	0.00500C	0	60.4	0.002920	3.37	12/12/2017	
Benzo(k)fluoranthene	0.00010		0.00361	0.00500C	0	72.2	0.003460	4.24	12/12/2017	
Chrysene	0.00010		0.00362	0.00500C	0	72.4	0.003490	3.66	12/12/2017	
Dibenzo(a,h)anthracene	0.00010		0.00318	0.00500C	0	63.6	0.003060	3.85	12/12/2017	
Fluoranthene	0.00010		0.00347	0.00500C	0	69.4	0.003320	4.42	12/12/2017	
Fluorene	0.00010		0.00325	0.00500C	0	65.0	0.003220	0.93	12/12/2017	
Indeno(1,2,3-cd)pyrene	0.00010		0.00318	0.00500C	0	63.6	0.003070	3.52	12/12/2017	
Naphthalene	0.00010		0.00380	0.00500C	0	76.0	0.003360	12.29	12/12/2017	
Phenanthrene	0.00010		0.00355	0.00500C	0	71.0	0.003430	3.44	12/12/2017	
Pyrene	0.00010		0.00346	0.00500C	0	69.2	0.003360	2.93	12/12/2017	
Surr: 2-Fluorobiphenyl			0.00314	0.00500C		62.8			12/12/2017	
Surr: Nitrobenzene-d5			0.00323	0.00500C		64.6			12/12/2017	
Surr: p-Terphenyl-d14			0.00358	0.00500C		71.6			12/12/2017	

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

Batch 137090		SampType: MBLK		Units µg/L				RPD Limit 50		Date Analyzed
SampID: MBLK-T171211A-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	2.0		ND						12/11/2017	
Ethylbenzene	5.0		ND						12/11/2017	
Toluene	5.0		ND						12/11/2017	
Xylenes, Total	5.0		ND						12/11/2017	
Surr: 1,2-Dichloroethane-d4			46.0	50.00		92.0	79.6	118	12/11/2017	
Surr: 4-Bromofluorobenzene			54.3	50.00		108.6	83.9	115	12/11/2017	
Surr: Dibromofluoromethane			46.8	50.00		93.6	84.9	113	12/11/2017	
Surr: Toluene-d8			50.8	50.00		101.6	86.7	112	12/11/2017	

Batch 137090		SampType: LCSD		Units µg/L				RPD Limit 40		Date Analyzed
SampID: LCSD-T171211A-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Benzene	2.0		44.9	50.00	0	89.8	44.89	0.07	12/11/2017	
Ethylbenzene	5.0		41.9	50.00	0	83.9	41.74	0.45	12/11/2017	
Toluene	5.0		42.4	50.00	0	84.7	42.22	0.33	12/11/2017	
Xylenes, Total	5.0		128	150.0	0	85.4	128.1	0.07	12/11/2017	
Surr: 1,2-Dichloroethane-d4			45.8	50.00		91.7			12/11/2017	
Surr: 4-Bromofluorobenzene			50.7	50.00		101.4			12/11/2017	
Surr: Dibromofluoromethane			48.1	50.00		96.2			12/11/2017	
Surr: Toluene-d8			49.0	50.00		97.9			12/11/2017	

Client: PSC Industrial Outsourcing, LP

Work Order: 17120548

Client Project: Champaign FMGP Q4 2017 Groundwater

Report Date: 18-Dec-17

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

Batch 137090		SampType: LCS		Units µg/L						
SampID: LCS-T171211A-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Benzene	2.0		44.9	50.00	0	89.8	77.8	120	12/11/2017	
Ethylbenzene	5.0		41.7	50.00	0	83.5	81.8	117	12/11/2017	
Toluene	5.0		42.2	50.00	0	84.4	82.2	113	12/11/2017	
Xylenes, Total	5.0		128	150.0	0	85.4	82.7	118	12/11/2017	
Surr: 1,2-Dichloroethane-d4			45.4	50.00		90.7	79.6	118	12/11/2017	
Surr: 4-Bromofluorobenzene			52.1	50.00		104.1	83.9	115	12/11/2017	
Surr: Dibromofluoromethane			47.3	50.00		94.5	84.9	113	12/11/2017	
Surr: Toluene-d8			49.6	50.00		99.2	86.7	112	12/11/2017	

Batch 137090		SampType: MS		Units µg/L						
SampID: 17120548-001CMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Benzene	2.0		38.7	50.00	0	77.4	62.5	121	12/11/2017	
Ethylbenzene	5.0	S	36.8	50.00	0	73.6	74.4	130	12/11/2017	
Toluene	5.0		37.5	50.00	0	75.1	69.5	118	12/11/2017	
Xylenes, Total	5.0		75.9	100.0	0	75.9	71.1	125	12/11/2017	
Surr: 1,2-Dichloroethane-d4			48.0	50.00		96.0	74.7	129	12/11/2017	
Surr: 4-Bromofluorobenzene			54.3	50.00		108.6	86	119	12/11/2017	
Surr: Dibromofluoromethane			46.2	50.00		92.4	81.7	123	12/11/2017	
Surr: Toluene-d8			51.2	50.00		102.5	84.3	114	12/11/2017	

Batch 137090		SampType: MSD		Units µg/L				RPD Limit 20		Date Analyzed	
SampID: 17120548-001CMSD											
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Benzene	2.0		36.1	50.00	0	72.3	38.71	6.87	12/11/2017		
Ethylbenzene	5.0	S	34.7	50.00	0	69.4	36.78	5.79	12/11/2017		
Toluene	5.0		34.9	50.00	0	69.7	37.54	7.40	12/11/2017		
Xylenes, Total	5.0		71.3	100.0	0	71.3	75.89	6.25	12/11/2017		
Surr: 1,2-Dichloroethane-d4			47.6	50.00		95.3			12/11/2017		
Surr: 4-Bromofluorobenzene			53.9	50.00		107.8			12/11/2017		
Surr: Dibromofluoromethane			46.4	50.00		92.9			12/11/2017		
Surr: Toluene-d8			50.2	50.00		100.4			12/11/2017		

Batch 137186		SampType: MBLK		Units µg/L						
SampID: MBLK-N171212A-2										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Benzene	2.0		ND						12/13/2017	
Ethylbenzene	5.0		ND						12/13/2017	
Toluene	5.0		ND						12/13/2017	
Xylenes, Total	5.0		ND						12/13/2017	
Surr: 1,2-Dichloroethane-d4			51.6	50.00		103.1	79.6	118	12/13/2017	
Surr: 4-Bromofluorobenzene			48.7	50.00		97.4	83.9	115	12/13/2017	
Surr: Dibromofluoromethane			54.4	50.00		108.8	84.9	113	12/13/2017	
Surr: Toluene-d8			48.5	50.00		96.9	86.7	112	12/13/2017	

Client: PSC Industrial Outsourcing, LP

Work Order: 17120548

Client Project: Champaign FMGP Q4 2017 Groundwater

Report Date: 18-Dec-17

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

Batch 137186		SampType: LCSD		Units µg/L				RPD Limit 40		Date Analyzed
SampID: LCSD-N171212A-2										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Benzene	2.0		48.3	50.00	0	96.6	45.97	4.92	12/12/2017	
Ethylbenzene	5.0		52.1	50.00	0	104.3	46.20	12.08	12/12/2017	
Toluene	5.0		52.0	50.00	0	104.0	47.23	9.63	12/12/2017	
Xylenes, Total	5.0		155	150.0	0	103.3	140.4	9.88	12/12/2017	
Surr: 1,2-Dichloroethane-d4			49.4	50.00		98.9			12/12/2017	
Surr: 4-Bromofluorobenzene			48.1	50.00		96.2			12/12/2017	
Surr: Dibromofluoromethane			53.6	50.00		107.3			12/12/2017	
Surr: Toluene-d8			50.6	50.00		101.2			12/12/2017	

Batch 137186		SampType: LCS		Units µg/L				RPD Limit 0		Date Analyzed
SampID: LCS-N171212A-2										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	2.0		46.0	50.00	0	91.9	77.8	120	12/12/2017	
Ethylbenzene	5.0		46.2	50.00	0	92.4	81.8	117	12/12/2017	
Toluene	5.0		47.2	50.00	0	94.5	82.2	113	12/12/2017	
Xylenes, Total	5.0		140	150.0	0	93.6	82.7	118	12/12/2017	
Surr: 1,2-Dichloroethane-d4			50.5	50.00		101.0	79.6	118	12/12/2017	
Surr: 4-Bromofluorobenzene			48.6	50.00		97.2	83.9	115	12/12/2017	
Surr: Dibromofluoromethane			54.0	50.00		108.0	84.9	113	12/12/2017	
Surr: Toluene-d8			48.3	50.00		96.7	86.7	112	12/12/2017	

Batch 137186		SampType: LCSGD		Units %REC				RPD Limit 0		Date Analyzed
SampID: LCSGD-N171212A-2										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Surr: 1,2-Dichloroethane-d4			49.7	50.00		99.3			12/12/2017	
Surr: 4-Bromofluorobenzene			48.6	50.00		97.3			12/12/2017	
Surr: Dibromofluoromethane			53.6	50.00		107.2			12/12/2017	
Surr: Toluene-d8			50.2	50.00		100.5			12/12/2017	

Batch 137186		SampType: LCSG		Units %REC				RPD Limit 0		Date Analyzed
SampID: LCSG-N171212A-2										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Surr: 1,2-Dichloroethane-d4			49.2	50.00		98.3	79.6	118	12/12/2017	
Surr: 4-Bromofluorobenzene			47.9	50.00		95.8	83.9	115	12/12/2017	
Surr: Dibromofluoromethane			52.9	50.00		105.7	84.9	113	12/12/2017	
Surr: Toluene-d8			50.1	50.00		100.2	86.7	112	12/12/2017	

Client: PSC Industrial Outsourcing, LP

Work Order: 17120548

Client Project: Champaign FMGP Q4 2017 Groundwater

Report Date: 18-Dec-17

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

Batch 137188		SampType: MBLK		Units µg/L						Date Analyzed
SampID: MBLK-T171212A-2										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	2.0		ND						12/12/2017	
Ethylbenzene	5.0		ND						12/12/2017	
Toluene	5.0		ND						12/12/2017	
Xylenes, Total	5.0		ND						12/12/2017	
Surr: 1,2-Dichloroethane-d4			46.6	50.00		93.1	79.6	118	12/12/2017	
Surr: 4-Bromofluorobenzene			54.1	50.00		108.1	83.9	115	12/12/2017	
Surr: Dibromofluoromethane			47.5	50.00		95.0	84.9	113	12/12/2017	
Surr: Toluene-d8			51.3	50.00		102.6	86.7	112	12/12/2017	

Batch 137188		SampType: LCSD		Units µg/L		RPD Limit 40				Date Analyzed
SampID: LCSD-T171212A-2										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Benzene	2.0		50.4	50.00	0	100.8	47.86	5.13	12/12/2017	
Ethylbenzene	5.0		48.1	50.00	0	96.1	47.16	1.89	12/12/2017	
Toluene	5.0		49.6	50.00	0	99.2	48.74	1.73	12/12/2017	
Xylenes, Total	5.0		147	150.0	0	98.0	144.7	1.63	12/12/2017	
Surr: 1,2-Dichloroethane-d4			45.6	50.00		91.2			12/12/2017	
Surr: 4-Bromofluorobenzene			50.4	50.00		100.8			12/12/2017	
Surr: Dibromofluoromethane			47.7	50.00		95.4			12/12/2017	
Surr: Toluene-d8			50.7	50.00		101.4			12/12/2017	

Batch 137188		SampType: LCS		Units µg/L						Date Analyzed
SampID: LCS-T171212A-2										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	2.0		47.9	50.00	0	95.7	77.8	120	12/12/2017	
Ethylbenzene	5.0		47.2	50.00	0	94.3	81.8	117	12/12/2017	
Toluene	5.0		48.7	50.00	0	97.5	82.2	113	12/12/2017	
Xylenes, Total	5.0		145	150.0	0	96.4	82.7	118	12/12/2017	
Surr: 1,2-Dichloroethane-d4			44.9	50.00		89.7	79.6	118	12/12/2017	
Surr: 4-Bromofluorobenzene			51.3	50.00		102.5	83.9	115	12/12/2017	
Surr: Dibromofluoromethane			47.6	50.00		95.2	84.9	113	12/12/2017	
Surr: Toluene-d8			50.7	50.00		101.4	86.7	112	12/12/2017	

Batch 137188		SampType: MS		Units µg/L						Date Analyzed
SampID: 17120548-020CMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	2.0		49.1	50.00	0	98.3	62.5	121	12/13/2017	
Ethylbenzene	5.0		47.3	50.00	0	94.5	74.4	130	12/13/2017	
Toluene	5.0		47.7	50.00	0	95.4	69.5	118	12/13/2017	
Xylenes, Total	5.0		96.8	100.0	0	96.8	71.1	125	12/13/2017	
Surr: 1,2-Dichloroethane-d4			47.4	50.00		94.7	74.7	129	12/13/2017	
Surr: 4-Bromofluorobenzene			53.9	50.00		107.8	86	119	12/13/2017	
Surr: Dibromofluoromethane			47.3	50.00		94.5	81.7	123	12/13/2017	
Surr: Toluene-d8			50.3	50.00		100.6	84.3	114	12/13/2017	

Client: PSC Industrial Outsourcing, LP

Work Order: 17120548

Client Project: Champaign FMGP Q4 2017 Groundwater

Report Date: 18-Dec-17

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

Batch 137188		SampType: MSD		Units µg/L				RPD Limit 20		Date Analyzed
SampID: 17120548-020CMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Benzene	2.0		48.2	50.00	0	96.5	49.13	1.81	12/13/2017	
Ethylbenzene	5.0		46.6	50.00	0	93.3	47.26	1.32	12/13/2017	
Toluene	5.0		46.6	50.00	0	93.3	47.68	2.23	12/13/2017	
Xylenes, Total	5.0		94.6	100.0	0	94.6	96.82	2.27	12/13/2017	
Surr: 1,2-Dichloroethane-d4			47.6	50.00		95.3			12/13/2017	
Surr: 4-Bromofluorobenzene			53.0	50.00		106.1			12/13/2017	
Surr: Dibromofluoromethane			46.7	50.00		93.4			12/13/2017	
Surr: Toluene-d8			50.5	50.00		101.1			12/13/2017	

Batch 137188		SampType: MS		Units µg/L				RPD Limit 20		Date Analyzed
SampID: 17120548-027CMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	2.0		47.2	50.00	0	94.5	62.5	121	12/13/2017	
Ethylbenzene	5.0		47.1	50.00	0	94.2	74.4	130	12/13/2017	
Toluene	5.0		46.9	50.00	0	93.7	69.5	118	12/13/2017	
Xylenes, Total	5.0		94.7	100.0	0	94.7	71.1	125	12/13/2017	
Surr: 1,2-Dichloroethane-d4			47.8	50.00		95.6	74.7	129	12/13/2017	
Surr: 4-Bromofluorobenzene			53.4	50.00		106.8	86	119	12/13/2017	
Surr: Dibromofluoromethane			46.9	50.00		93.8	81.7	123	12/13/2017	
Surr: Toluene-d8			50.8	50.00		101.7	84.3	114	12/13/2017	

Batch 137188		SampType: MSD		Units µg/L				RPD Limit 20		Date Analyzed
SampID: 17120548-027CMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Benzene	2.0		47.1	50.00	0	94.2	47.24	0.28	12/13/2017	
Ethylbenzene	5.0		46.5	50.00	0	92.9	47.10	1.37	12/13/2017	
Toluene	5.0		46.2	50.00	0	92.5	46.87	1.35	12/13/2017	
Xylenes, Total	5.0		94.5	100.0	0	94.5	94.73	0.24	12/13/2017	
Surr: 1,2-Dichloroethane-d4			47.2	50.00		94.3			12/13/2017	
Surr: 4-Bromofluorobenzene			54.2	50.00		108.4			12/13/2017	
Surr: Dibromofluoromethane			46.7	50.00		93.4			12/13/2017	
Surr: Toluene-d8			50.8	50.00		101.7			12/13/2017	

Batch 137205		SampType: MBLK		Units µg/L				RPD Limit 20		Date Analyzed
SampID: MBLK-T171213A-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	2.0		ND						12/13/2017	
Ethylbenzene	5.0		ND						12/13/2017	
Toluene	5.0		ND						12/13/2017	
Xylenes, Total	5.0		ND						12/13/2017	
Surr: 1,2-Dichloroethane-d4			47.0	50.00		94.1	79.6	118	12/13/2017	
Surr: 4-Bromofluorobenzene			53.9	50.00		107.7	83.9	115	12/13/2017	
Surr: Dibromofluoromethane			47.0	50.00		94.1	84.9	113	12/13/2017	
Surr: Toluene-d8			51.4	50.00		102.9	86.7	112	12/13/2017	

Client: PSC Industrial Outsourcing, LP

Work Order: 17120548

Client Project: Champaign FMGP Q4 2017 Groundwater

Report Date: 18-Dec-17

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

Batch 137205		SampType: LCSD		Units µg/L				RPD Limit 40		Date Analyzed
SampID: LCSD-T171213A-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Benzene	2.0		51.1	50.00	0	102.2	46.92	8.49	12/13/2017	
Ethylbenzene	5.0		49.9	50.00	0	99.7	44.89	10.51	12/13/2017	
Toluene	5.0		50.5	50.00	0	100.9	46.96	7.21	12/13/2017	
Xylenes, Total	5.0		154	150.0	0	102.4	140.3	9.04	12/13/2017	
Surr: 1,2-Dichloroethane-d4			45.5	50.00		90.9			12/13/2017	
Surr: 4-Bromofluorobenzene			50.9	50.00		101.8			12/13/2017	
Surr: Dibromofluoromethane			47.3	50.00		94.6			12/13/2017	
Surr: Toluene-d8			49.5	50.00		98.9			12/13/2017	

Batch 137205		SampType: LCS		Units µg/L						Date Analyzed
SampID: LCS-T171213A-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	2.0		46.9	50.00	0	93.8	77.8	120	12/13/2017	
Ethylbenzene	5.0		44.9	50.00	0	89.8	81.8	117	12/13/2017	
Toluene	5.0		47.0	50.00	0	93.9	82.2	113	12/13/2017	
Xylenes, Total	5.0		140	150.0	0	93.5	82.7	118	12/13/2017	
Surr: 1,2-Dichloroethane-d4			45.5	50.00		91.1	79.6	118	12/13/2017	
Surr: 4-Bromofluorobenzene			50.4	50.00		100.8	83.9	115	12/13/2017	
Surr: Dibromofluoromethane			47.3	50.00		94.6	84.9	113	12/13/2017	
Surr: Toluene-d8			50.7	50.00		101.3	86.7	112	12/13/2017	

Batch 137260		SampType: MBLK		Units µg/L						Date Analyzed
SampID: MBLK-T171214A-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	2.0		ND						12/14/2017	
Ethylbenzene	5.0		ND						12/14/2017	
Toluene	5.0		ND						12/14/2017	
Xylenes, Total	5.0		ND						12/14/2017	
Surr: 1,2-Dichloroethane-d4			45.6	50.00		91.2	79.6	118	12/14/2017	
Surr: 4-Bromofluorobenzene			53.9	50.00		107.7	83.9	115	12/14/2017	
Surr: Dibromofluoromethane			46.8	50.00		93.6	84.9	113	12/14/2017	
Surr: Toluene-d8			51.4	50.00		102.7	86.7	112	12/14/2017	

Batch 137260		SampType: LCSD		Units µg/L				RPD Limit 40		Date Analyzed
SampID: LCSD-T171214A-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Benzene	2.0		47.3	50.00	0	94.6	46.92	0.83	12/14/2017	
Ethylbenzene	5.0		46.1	50.00	0	92.2	46.07	0.04	12/14/2017	
Toluene	5.0		47.0	50.00	0	94.0	46.96	0.09	12/14/2017	
Xylenes, Total	5.0		140	150.0	0	93.5	141.5	0.91	12/14/2017	
Surr: 1,2-Dichloroethane-d4			44.7	50.00		89.5			12/14/2017	
Surr: 4-Bromofluorobenzene			52.0	50.00		104.0			12/14/2017	
Surr: Dibromofluoromethane			47.7	50.00		95.3			12/14/2017	
Surr: Toluene-d8			49.7	50.00		99.4			12/14/2017	



Quality Control Results

<http://www.teklabinc.com/>

Client: PSC Industrial Outsourcing, LP

Work Order: 17120548

Client Project: Champaign FMGP Q4 2017 Groundwater

Report Date: 18-Dec-17

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

Batch 137260 **SampType:** LCS **Units** µg/L

SampID: LCS-T171214A-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	2.0		46.9	50.00	0	93.8	77.8	120	12/14/2017
Ethylbenzene	5.0		46.1	50.00	0	92.1	81.8	117	12/14/2017
Toluene	5.0		47.0	50.00	0	93.9	82.2	113	12/14/2017
Xylenes, Total	5.0		142	150.0	0	94.4	82.7	118	12/14/2017
Surr: 1,2-Dichloroethane-d4			44.9	50.00		89.7	79.6	118	12/14/2017
Surr: 4-Bromofluorobenzene			52.1	50.00		104.2	83.9	115	12/14/2017
Surr: Dibromofluoromethane			48.0	50.00		96.0	84.9	113	12/14/2017
Surr: Toluene-d8			50.3	50.00		100.6	86.7	112	12/14/2017



Receiving Check List

<http://www.teklabinc.com/>

Client: PSC Industrial Outsourcing, LP

Work Order: 17120548

Client Project: Champaign FMGP Q4 2017 Groundwater

Report Date: 18-Dec-17

Carrier: Employee

Received By: KF

Completed by:

Amber Dilallo

Reviewed by:

Elizabeth A. Hurley

On:

08-Dec-17

Amber M. Dilallo

On:

08-Dec-17

Elizabeth A. Hurley

Pages to follow:

Chain of custody

Extra pages included

- | | | | | |
|---|---|---|--|----------------------------------|
| Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> | Temp °C 2.02 |
| Type of thermal preservation? | None <input type="checkbox"/> | Ice <input checked="" type="checkbox"/> | Blue Ice <input type="checkbox"/> | Dry Ice <input type="checkbox"/> |
| Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | | |
| Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | | |
| Chain of custody agrees with sample labels? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> | | |
| Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | | |
| Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | | |
| Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | | |
| All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | | |
| Reported field parameters measured: | Field <input type="checkbox"/> | Lab <input type="checkbox"/> | NA <input checked="" type="checkbox"/> | |
| Container/Temp Blank temperature in compliance? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | | |

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 <input checked="" type="checkbox"/> | No <input type="checkbox"/> | No VOA vials <input type="checkbox"/> |
| Water - TOX containers have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | No TOX containers <input checked="" type="checkbox"/> |
| Water - pH acceptable upon receipt? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| NPDES/CWA TCN interferences checked/treated in the field? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

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

UMW-111A is labeled as collected on 12/5/17 rather than 12/6/17. Per Alex Cadigan, the correct date of collection is 12/6/17. AMD 12/8/17

CHAIN OF CUSTODY

pg. 1 of 4 Work order # 17170548

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

Client: PSC Industrial Outsourcing, LP
Address: 210 West Sand Bank Road
 Columbia, IL 62236-0230
City / State / Zip:
Contact: *Mike Crotcher* / *Mike Crotcher* (618) 281-7179
E-Mail: *Mike.Crotcher@pscnow.com* / *Mike.Crotcher@pscnow.com*

Are these samples known to be involved in litigation? 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 2.02 °C
Preserved in: LAB FIELD
Lab Notes: *OK 18 gm 10/18/17*
Client Comments:
RO's equal to or less than TACO Tier I
labeled as collected 10/18/17 gm 10/18/17

MATRIX:
 Indicate Analysis Requested

MATRIX	Groundwater	Special Waste	Sludge	Soil	Drinking Water	Aqueous	Total Cyanide 9012	PAH 8270 SIM	BTEX 8260
001	X						X	X	X
002	X						X	X	X
003	X						X	X	X
004	X						X	X	X
005	X						X	X	X
006	X						X	X	X
007	X						X	X	X
008	X						X	X	X
009	X						X	X	X
010	X						X	X	X

Project Name/Number: Champaign FMGP 042017 Groundwater
Sample Collector's Name: *Chapman Cooper*

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers												
			UNPRES	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	OTHER					
17170548	UMW-102	12/4/17 15:28	1							2					
002	UMW-105	12/7/17 9:28	1							2					
003	UMW-106R	12/6/17 11:40	1							2					
004	UMW-107R	12/6/17 9:18	1							2					
005	UMW-108	12/5/17 15:25	1							2					
006	UMW-109	12/5/17 12:46	1							2					
007	UMW-111A	12/6/17 7:15	1							2					
008	UMW-116	12/6/17 10:16	1							2					
009	UMW-117	12/5/17 17:00	1							2					
010	UMW-118	12/5/17 14:20	1							2					

Relinquished By: *Chapman Cooper* **Date/Time:** 12/18/17 1410
Received By: *Heck* **Date/Time:** 12/18/17 1410

CHAIN OF CUSTODY

pg. 2 of 4 Work order # 1720548

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

Client: PSC Industrial Outsourcing, LP
Address: 210 West Sand Bank Road
 Columbia, IL 62236-0230
City / State / Zip: Dan Wheaton
Contact: Dan.Wheaton@pscnow.com
E-Mail: Phone: (618) 284-7173
 Fax:

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

Client Comments:

RO's less than as req'd to TACO Tier 1

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

Project Name/Number	Sample Collector's Name	Billing Instructions	Date/Time Sampled	INDICATE ANALYSIS REQUESTED																
				OTHER	NaHSO4	MeOH	HCL	H2SO4	NaOH	HNO3	UNPRES									
Champaign FMGP 04 2017 Groundwater	<i>Chapman Cooper</i>																			
Standard <input checked="" type="checkbox"/> 1-2 Day (100% Surcharge) Other <input type="checkbox"/> 3 Day (50% Surcharge)																				
Lab Use Only	Sample Identification																			
1720548	UMW-119		12/5/17 8:47																	
Q12	UMW-120		12/4/17 16:25																	
Q13	UMW-121		12/7/17 10:30																	
6	AP6-122																			
Q14	UMW-123		12/6/17 13:00																	
Q15	UMW-124		12/7/17 12:30																	
Q16	UMW-125		12/8/17 9:45																	
Q17	UMW-126		12/7/17 14:43																	
Q18	UMW-127		12/7/17 16:40																	
Q19	UMW-300		12/5/17 9:58																	

Reinquished By	Date/Time	Received By	Date/Time
<i>Chapman Cooper</i>	12/18/17 140	<i>Kelly</i>	12/18/17 1410

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.

Bottle Order: 41090



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

Client: PSC Industrial Outsourcing, LP
 Address: 210 West Sand Bank Road
 City / State / Zip: Columbia, IL 62236-0230
 Contact: Dan Wheaton
 E-Mail: Dan.Wheaton@pscnow.com
 Phone: (618) 284-7173
 Fax:

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

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

Client Comments:
 RO's less than or equal to TALCO Tier I

Project Name/Number Champaign FMGP 2017 Groundwater	Sample Collector's Name <i>Allyson Capra</i>	Billing Instructions		Date/Time Sampled	# and Type of Containers								INDICATE ANALYSIS REQUESTED														
		Results Requested <input checked="" type="checkbox"/> Standard <input type="checkbox"/> 1-2 Day (100% Surcharge) <input type="checkbox"/> Other <input type="checkbox"/> 3 Day (50% Surcharge)	Sample Identification		UNPRES	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	OTHER															
1720548-020	UMW-301R			12/7/17 15:35	1																						
021	UMW-292			12/7/17 11:15	1																						
022	UMW-303			12/5/17 16:10	1																						
023	UMW-304R			12/8/17 9:08	1																						
024	UMW-305			12/6/17 15:46	1																						
025	UMW-306			12/6/17 14:45	1																						
026	UMW-307			12/6/17 13:58	1																						
027	UMW-308			12/7/17 12:45	3																						
028	UMW-902			12/7/17	1																						
029	UMW-907R			12/6/17	1																						
Relinquished By <i>Allyson Capra</i>		Date/Time 12/18/17 1410		Received By <i>Kaede</i>		Date/Time 12/18/17 1410																					

CHAIN OF CUSTODY

pg. 4 of 4 Work order # 1720548

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

Client: PSC Industrial Outsourcing, LP
Address: 210 West Sand Bank Road
 Columbia, IL 62236-0230
City / State / Zip: Dan Wreathon
Contact: Dan Wreathon
E-Mail: Dan.Wreathon@pescrow.com
Phone: (618) 281-7173
Fax:

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

Client Comments:

RO'S equal to or less than TACO Tier 1

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

Project Name/Number

Champaign FMGP 03/2017 Groundwater

Sample Collector's Name

Oliver Wreathon

Billing Instructions

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

Lab Use Only

Sample Identification
 7120548 TRIP BLANK A
 03 TRIP BLANK B

and Type of Containers

OTHER
 NaHSO4
 MeOH
 HCL 2 2
 H2SO4
 NaOH
 HNO3
 UNPRES

Date/Time Sampled

12/18/17 1410

MATRIX

Aqueous
 Drinking Water
 Soil
 Sludge
 Special Waste
 Groundwater

INDICATE ANALYSIS REQUESTED

BTEX 8260
 PAH 8270 SIM
 Total Cyanide 9012

X X
 X X
 X X

Reinquished By

Oliver Wreathon

Date/Time

12/18/17 1410

Received By

Oliver Wreathon

Date/Time

12/18/17 1410

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