



November 15, 2017

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 3, 2017 Sampling Event
Champaign Former MGP Site, Champaign, Illinois**

On behalf of Ameren Illinois, PSC Industrial Outsourcing, LP (PSC) has completed the third 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 October 2017.

INTRODUCTION

The third quarter groundwater monitoring event of 2017 was conducted from October 9 through 13. During the October 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 third 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 December 2015 through October 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 October 2017 (Table 1, Attachment 1) ranged from 5.04 to 14.01 feet below land surface (BLS). The shallowest groundwater levels occurred on-site, with water levels ranging from 5.04 to 7.11 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 October 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 28.23 to 30.72 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 October 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 third 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 October 2017 event.

Although cyanide was detected in some of the samples from the October 2017 groundwater sampling event, none of the detected concentrations exceeded Class I or Class II groundwater standards.

Based on the results of the October 2017 groundwater sampling event, organic constituent (BTEX or PAHs) concentrations exceeded groundwater standards at shallow wells UMW-124, UMW-125, and at intermediate well UMW-302. Shallow wells UMW-124 and UMW-125, located on-site, had respective benzene concentrations of 0.071 mg/L and 0.0432 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 October 2017 sampling event, the detected concentration did not exceed the Class II groundwater standard. In the previous groundwater sampling event in July 2017, UMW-118 had a benzo(a)anthracene concentration of 0.00077 mg/L versus a Class II groundwater standard of 0.00065 mg/L. Prior to the July 2017 sampling event, benzo(a)anthracene had not been detected at this monitoring well. Results from future groundwater sampling events will be monitored to determine if the July 2017 result was an isolated incident or an evolving trend.

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 0.348 and 0.370 mg/L, versus a Class I groundwater standard of 0.005, and respective naphthalene concentrations of 2.29 and 2.06 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 third 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 0.238 mg/L in July 2017 to 0.348 mg/L in October 2017. The naphthalene concentration in UMW-302 increased from 1.94 mg/L in July 2017 to 2.29 mg/L in October 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 third quarter 2017 concentrations of benzene and naphthalene are at approximately 22 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

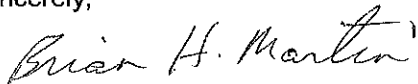
Based on the data collected in October 2017, constituent concentrations at two of the shallow monitoring wells (i.e., water-table wells) exceeded a Class II groundwater standard. Benzene concentrations exceeded Class II groundwater standards at on-site shallow monitoring wells UMW-124 and UMW-125. No 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 in the third 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 third 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.

The next quarterly groundwater sampling event will be conducted during January 2018.

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 December 2015 through October 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 –
October 2017

Figure 2 – Intermediate Groundwater Level Contour Map –
October 2017

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

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

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

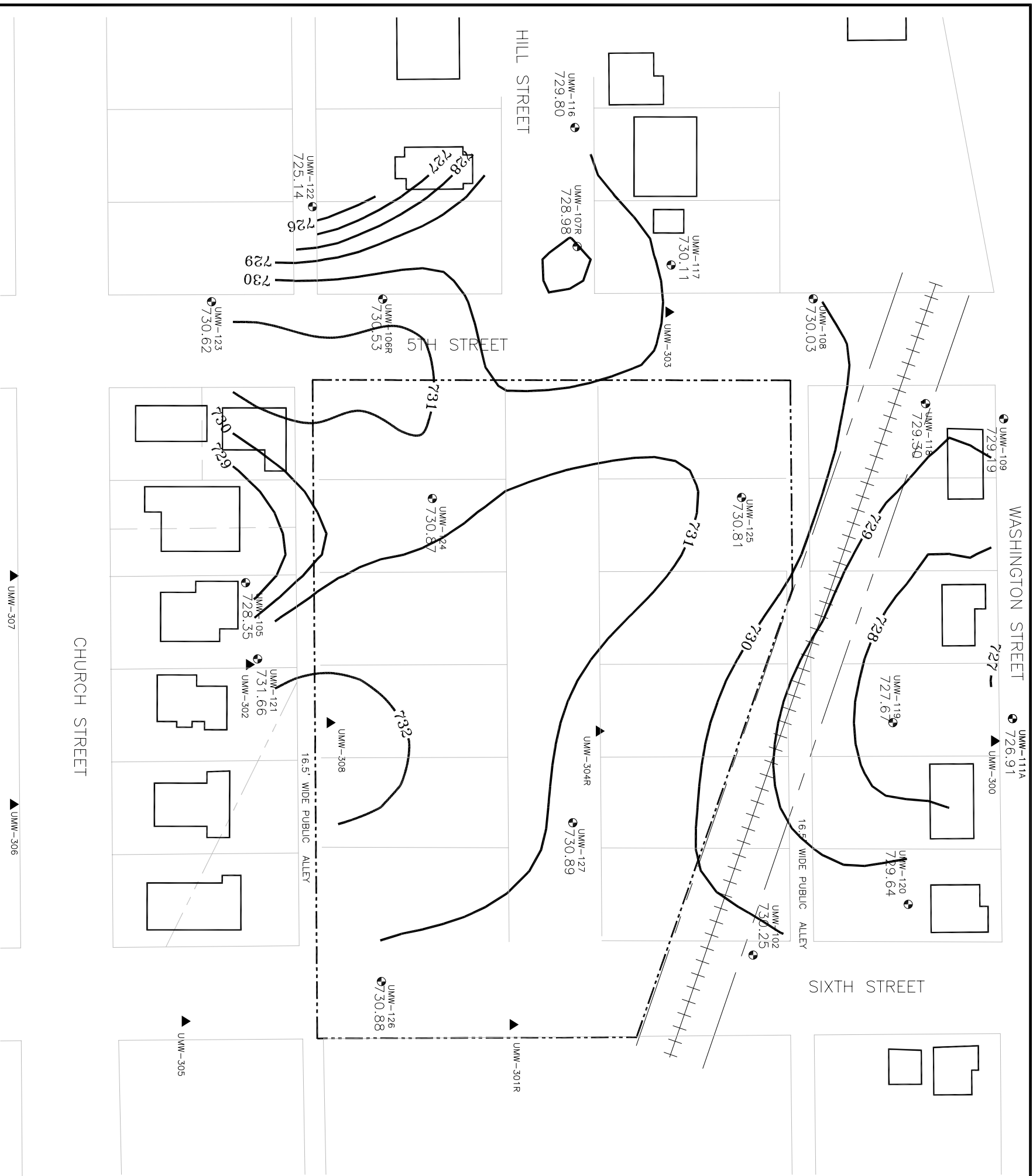
TABLE 1
 Groundwater Level Measurement Data
 October 2017 Groundwater Monitoring Report
 Ameren Illinois
 Champaign FMGP Site
 Champaign, Illinois

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	7.07	730.25	12.0
UMW-105	19.70	9.50 - 19.70	737.33	737.70	8.98	728.35	18.0
UMW-106 R	17.00	7.00 - 17.00	737.18	737.43	6.65	730.53	18.0
UMW-107 R	19.70	9.50 - 19.70	737.29	737.30	8.31	728.98	20.0
UMW-108	15.00	4.80 - 15.00	736.86	737.10	6.83	730.03	14.0
UMW-109	20.00	10.00 - 20.00	735.11	735.50	5.92	729.19	14.0
UMW-111A	22.80	9.00 - 22.80	736.71	737.00	9.80	726.91	16.0
UMW-116	20.00	10.00 - 20.00	736.23	736.50	6.43	729.80	18.0
UMW-117	15.00	5.00 - 15.00	737.53	737.81	7.42	730.11	12.0
UMW-118	15.00	5.00 - 15.00	736.20	736.43	6.90	729.30	14.0
UMW-119	15.00	5.00 - 15.00	736.80	737.09	9.13	727.67	4.0
UMW-120	15.00	5.00 - 15.00	737.02	737.53	7.38	729.64	14.0
UMW-121	15.00	5.00 - 15.00	738.46	738.80	6.80	731.66	14.0
UMW-122	19.75	5.00 - 15.00	739.15	739.44	14.01	725.14	--
UMW-123	15.89	5.89 - 15.89	737.24	737.53	6.62	730.62	16.0
UMW-124	15.27	4.97 - 15.02	737.10	737.28	6.23	730.87	14.0
UMW-125	15.33	5.06 - 15.11	737.92	738.05	7.11	730.81	10.0
UMW-126	15.40	5.13 - 15.18	736.38	736.55	5.50	730.88	14.0
UMW-127	15.38	5.11 - 15.16	735.93	736.14	5.04	730.89	10.0
UMW-300	45.00	35.00 - 45.00	736.57	736.79	28.27	708.30	21.0
UMW-301R	46.65	36.50 - 46.05	736.11	736.20	28.23	707.88	24.0
UMW-302	45.00	35.00 - 45.00	738.58	738.88	30.72	707.86	21.0
UMW-303	45.00	35.00 - 45.00	737.05	737.38	28.47	708.58	21.0
UMW-304R	46.16	36.01 - 45.56	736.48	736.72	28.42	708.06	21.0
UMW-305	45.00	35.00 - 45.00	737.51	737.74	29.74	707.77	15.0
UMW-306	47.00	37.00 - 47.00	736.90	737.18	29.21	707.69	18.0
UMW-307	47.00	37.00 - 47.00	736.92	737.19	29.27	707.65	18.0
UMW-308	45.29	35.14 - 44.69	737.21	737.39	29.37	707.84	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

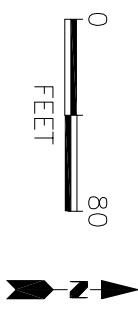




- LEGEND**
- EXISTING STRUCTURES (APPROXIMATE)
 - - - AMEREN ILLINOIS PROPERTY (FORMER MGP SITE)
 - UMW-100 SHALLOW GROUNDWATER MONITORING WELLS
 - ▲ UMW-300 INTERMEDIATE GROUNDWATER MONITORING WELLS
 - 733— GROUNDWATER CONTOUR (FEET)

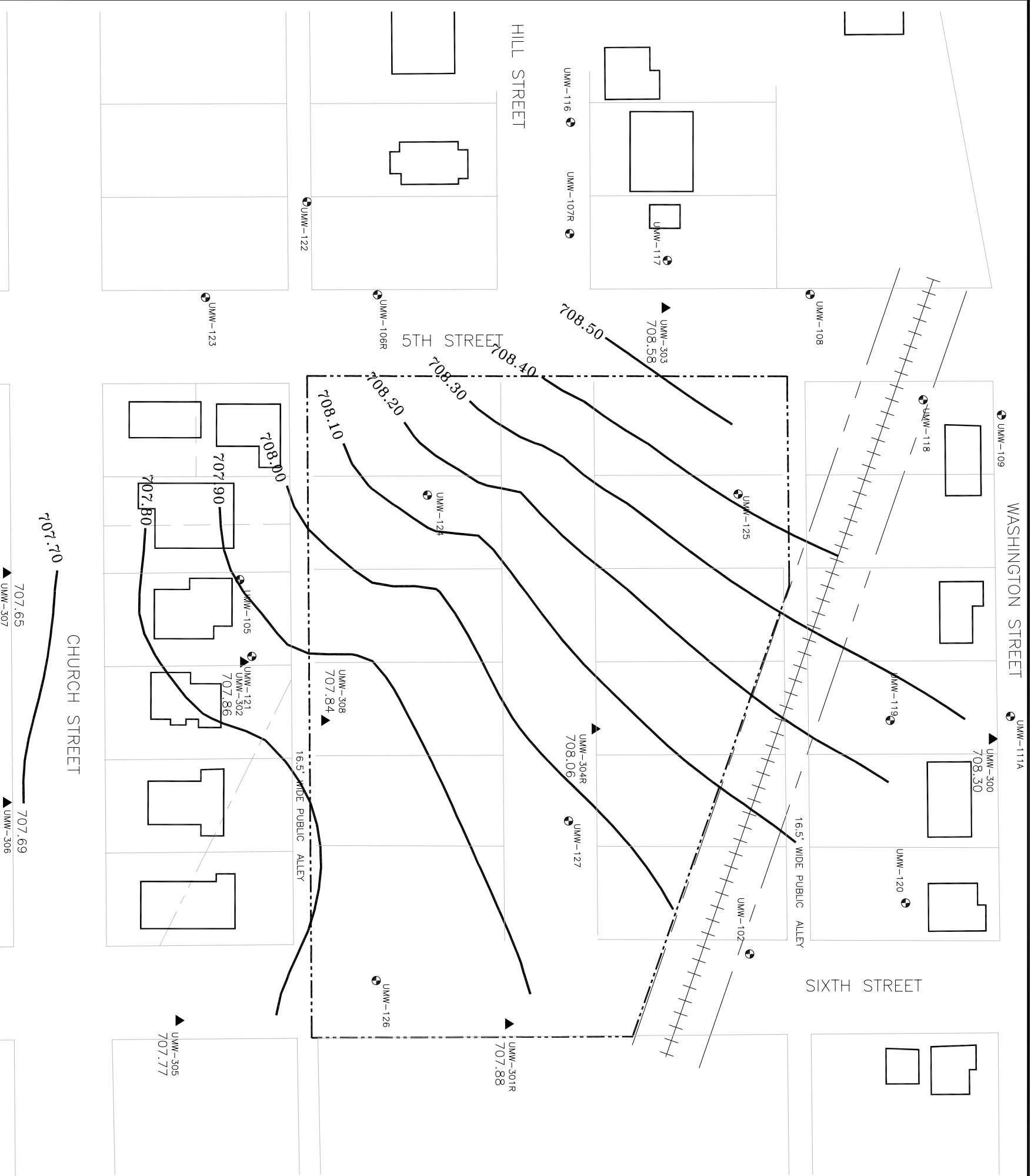
SOURCE:

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.



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

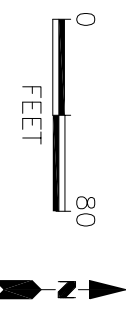
DWN:	TMM	DES:	Project No: 62412010008
CHKD:		APPD:	AMEREN ILLINOIS CHAMPAIGN, ILLINOIS
DATE:	10/26/17	REV:	FIGURE 1



- 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.



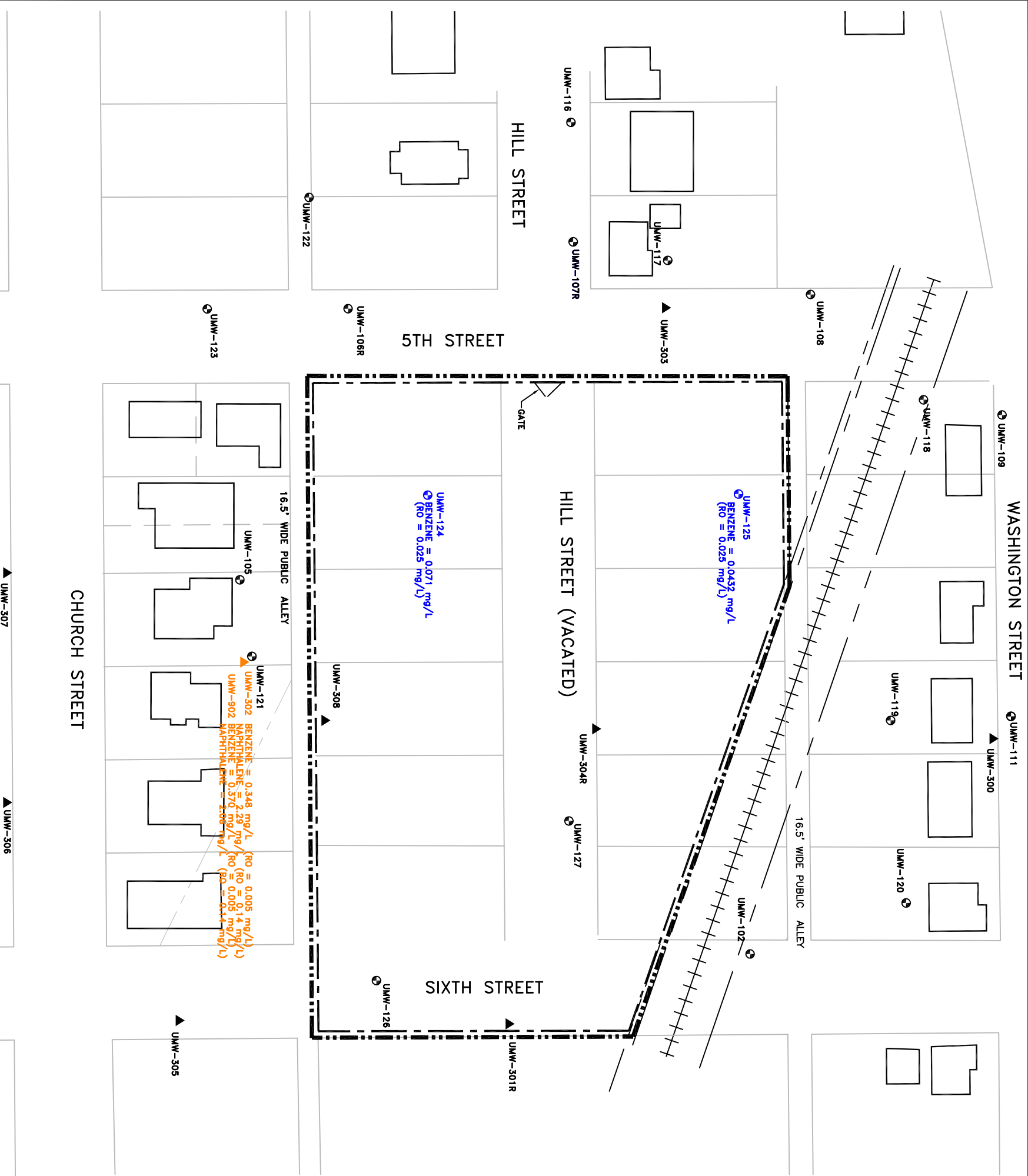
TITLE:
 INTERMEDIATE GROUNDWATER LEVEL CONTOUR MAP
 OCTOBER 2017
 CHAMPAIGN, ILLINOIS

DWN:	TMM	DES:	Project No: 62412010008
CHKD:		APPD:	AMEREN ILLINOIS CHAMPAIGN, ILLINOIS
DATE:	10/26/17	REV:	

FIGURE 2



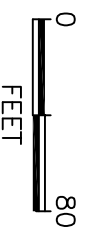
TITLE:
**EXCEEDANCES OF CLASS I AND CLASS II GROUNDWATER STANDARDS
 OCTOBER 2017 SAMPLING EVENT
 CHAMPAIGN, ILLINOIS**



LEGEND

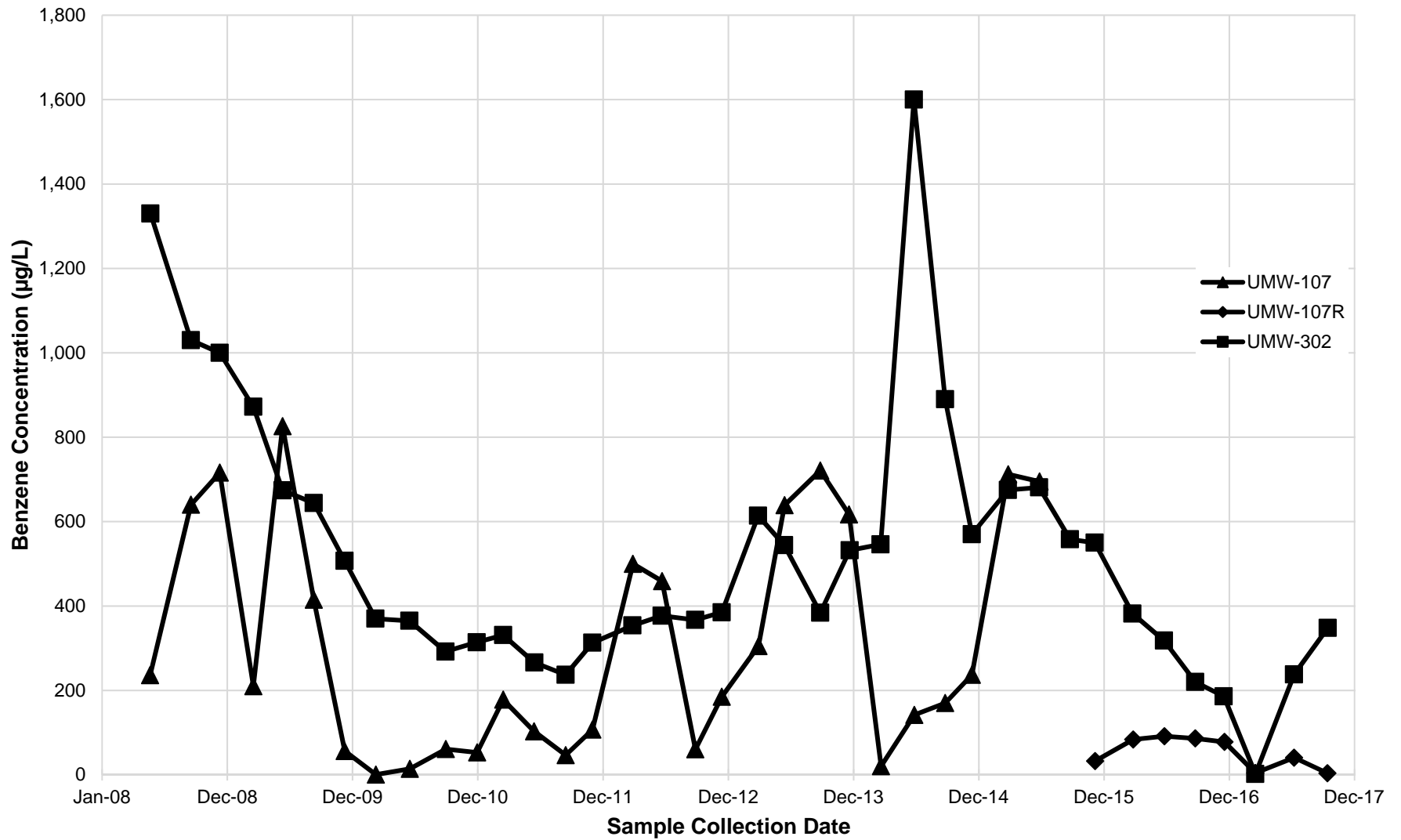
- EXISTING STRUCTURES (APPROXIMATE)
 - - - CURRENT AMEREN ILLINOIS PROPERTY BOUNDARY
 - ▬ REMEDIATION SITE BOUNDARY
 - SHALLOW GROUNDWATER MONITORING WELLS
 - ▲ INTERMEDIATE GROUNDWATER MONITORING WELLS
 - ◉ UMW-100
 - ▲ UMW-300
 - ◉ UMW-302
 - ◉ UMW-102
- WELLS WITH AT LEAST ONE CLASS II EXCEEDANCE FOR BTEX, PAHs OR CYANIDE IN DECEMBER 2016. CONCENTRATIONS LISTED WITH APPROPRIATE REMEDIAL OBJECTIVE (RO) IN PARENTHESES.
- WELLS WITH AT LEAST ONE CLASS I EXCEEDANCE FOR BTEX, PAHs OR CYANIDE IN DECEMBER 2016. REMEDIAL OBJECTIVE (RO) IN PARENTHESES.

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



DWN:	TMM	DES:	LH	PROJECT NO: 62412010008 AMEREN ILLINOIS CHAMPAIGN, ILLINOIS
CHKD:	KD	APPD:		
DATE:	10/26/17	REV:		

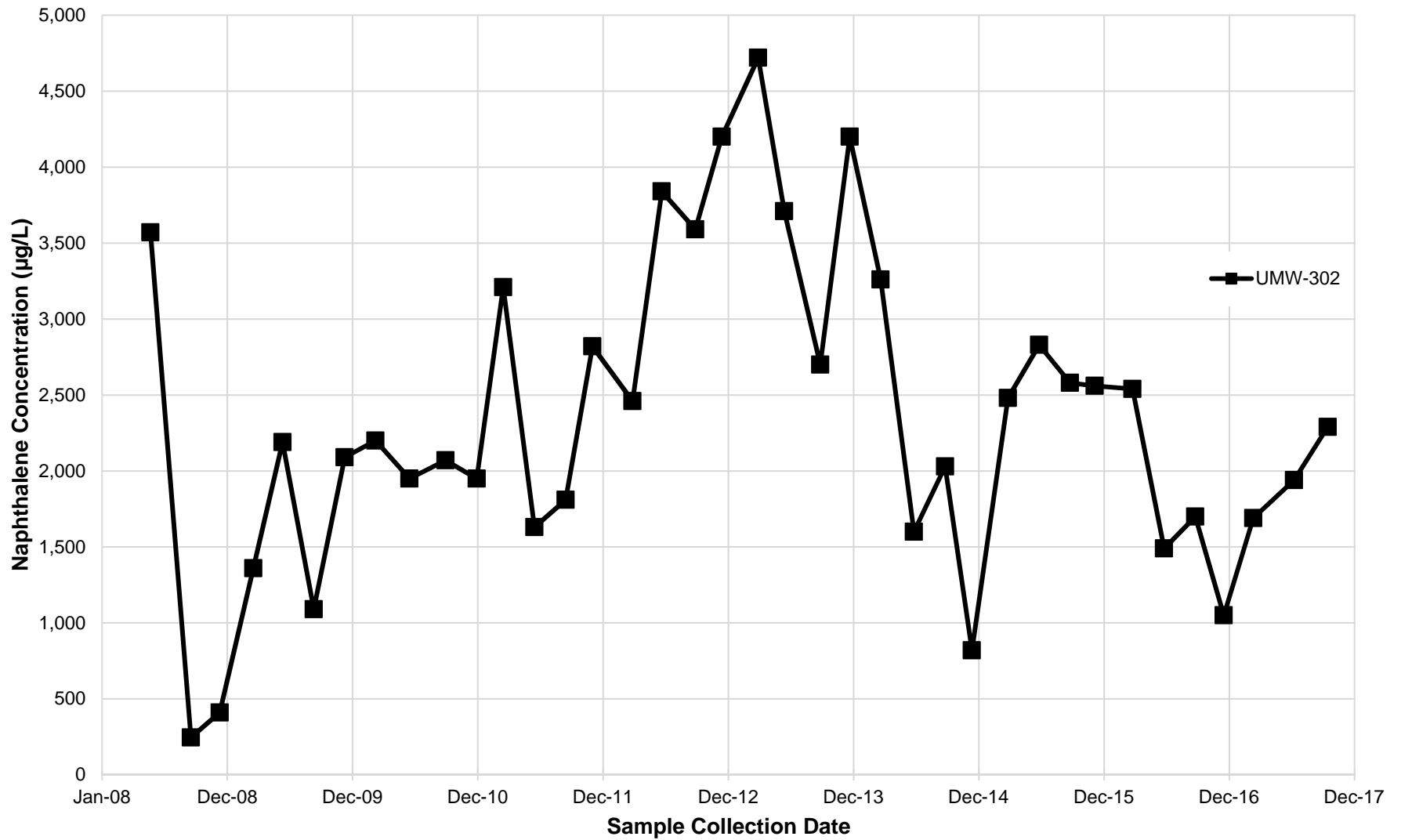
FIGURE 3



Benzene Concentration Trends in Wells Exceeding Groundwater Standards Through October 2017

Project No. 62412010008
 Ameren Illinois
 Champaign, Illinois

Figure 4



**Naphthalene Concentration Trends in
Wells Exceeding Groundwater Standards
Through October 2017**

Project No. 62412010008
Ameren Illinois
Champaign, Illinois

Figure 5

ATTACHMENT 2

Champaign Former MGP Analysis Results by Parameter
December 2015 Through October 2017

Champaign Former MGP
Analysis Results by Parameter
December 2015 Through October 2017

Well ID	Date Sampled	Acenaphthene (µg/L)	Acenaphthylene (µg/L)	Anthracene (µg/L)	Benzene (µg/L)	Benzo(a)anthracene (µg/L)
UMW-102	12/1/2015	<0.1	<0.1	<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
	12/15/2016	<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
UMW-105	10/10/2017	<0.1	<0.1	<0.1	<2	<0.1
	12/3/2015	<0.1	<0.1	<0.1	<2	<0.1
	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
UMW-106R	7/6/2017	<0.1	<0.1	<0.1	<2	<0.1
	10/12/2017	<0.1	<0.1	<0.1	<2	<0.1
	12/2/2015	<0.1	<0.1	<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
	9/20/2016	<0.1	<0.1	<0.1	<2	<0.1
	12/14/2016	<0.1	<0.1	<0.1	<2	<0.1
UMW-107R	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
	12/4/2015	<0.1	<0.1	<0.1	32.7	<0.1
	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
UMW-108	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
	12/2/2015	<0.1	<0.1	<0.1	<2	<0.1
	3/23/2016	<0.1	<0.1	<0.1	<2	<0.1
	6/23/2016	<0.1	<0.1	<0.1	<2	<0.1
UMW-108	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

Champaign Former MGP
Analysis Results by Parameter
December 2015 Through October 2017

Well ID	Date Sampled	Acenaphthene (µg/L)	Acenaphthylene (µg/L)	Anthracene (µg/L)	Benzene (µg/L)	Benzo(a)anthracene (µg/L)
UMW-109	12/2/2015	<0.1	<0.1	<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
	12/15/2016	<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
UMW-111A	12/2/2015	<0.1	<0.1	<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
	3/7/2017	<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
UMW-116	12/4/2015	<0.1	<0.1	<0.1	<2	<0.1
	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
UMW-117	12/4/2015	<0.1	<0.1	<0.1	<2	<0.1
	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
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

Champaign Former MGP
Analysis Results by Parameter
December 2015 Through October 2017

Well ID	Date Sampled	Acenaphthene (µg/L)	Acenaphthylene (µg/L)	Anthracene (µg/L)	Benzene (µg/L)	Benzo(a)anthracene (µg/L)
UMW-119	12/2/2015	<0.1	<0.1	<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
	12/15/2016	<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
UMW-120	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	<0.1	<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
UMW-121	12/3/2015	<0.1	<0.1	<0.1	<2	<0.1
	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
UMW-122	12/4/2015	<0.1	<0.1	<0.1	<2	<0.1
	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	12/2/2015	<0.1	<0.1	<0.1	<2	<0.1
	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

Champaign Former MGP
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Well ID	Date Sampled	Acenaphthene (µg/L)	Acenaphthylene (µg/L)	Anthracene (µg/L)	Benzene (µg/L)	Benzo(a)anthracene (µg/L)
UMW-124	12/3/2015	0.87	0.58	<0.1	187	<0.1
	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
UMW-125	12/3/2015	<0.1	<0.1	<0.1	6.2	<0.1
	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	
UMW-126	12/3/2015	<0.1	<0.1	<0.1	30.6	<0.1
	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	
UMW-127	12/3/2015	0.2	2.36	<0.1	3.5	<0.1
	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	
UMW-300	12/2/2015	<0.1	<0.1	<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
10/10/2017	<0.1	<0.1	<0.1	<2	<0.1	

Champaign Former MGP
Analysis Results by Parameter
December 2015 Through October 2017

Well ID	Date Sampled	Acenaphthene (µg/L)	Acenaphthylene (µg/L)	Anthracene (µg/L)	Benzene (µg/L)	Benzo(a)anthracene (µg/L)
UMW-301R	12/3/2015	2.49	2.97	<0.1	<2	<0.1
	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
UMW-302	12/3/2015	0.19	0.45	<0.1	550	<0.1
	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
UMW-303	12/2/2015	<0.1	<0.1	<0.1	<2	<0.1
	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	12/3/2015	0.64	1.51	<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	12/2/2015	<0.1	<0.1	<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

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Well ID	Date Sampled	Acenaphthene (µg/L)	Acenaphthylene (µg/L)	Anthracene (µg/L)	Benzene (µg/L)	Benzo(a)anthracene (µg/L)
UMW-306	12/2/2015	<0.1	<0.1	<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
	7/5/2017	<0.1	<0.1	<0.1	<2	<0.1
	10/11/2017	<0.1	<0.1	<0.1	<2	<0.1
UMW-307	12/2/2015	<0.1	<0.1	<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
	9/20/2016	<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
UMW-308	12/3/2015	<0.1	<0.1	<0.1	<2	<0.1
	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

Champaign Former MGP
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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	12/1/2015	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	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
UMW-105	12/3/2015	0.084	<0.1	<0.1	<0.1	<0.1	<0.1
	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	
UMW-106R	12/2/2015	0.038	<0.1	<0.1	<0.1	<0.1	<0.1
	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	
UMW-107R	12/4/2015	0.61	<0.1	<0.1	<0.1	<0.1	<0.1
	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	
UMW-108	12/2/2015	0.03	<0.1	<0.1	<0.1	<0.1	<0.1
	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	

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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	12/2/2015	0.039	<0.1	<0.1	<0.1	<0.1	<0.1
	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
UMW-111A	12/2/2015	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	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
UMW-116	12/4/2015	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	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
UMW-117	12/4/2015	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	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
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

Champaign Former MGP
Analysis Results by Parameter
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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	12/2/2015	0.044	<0.1	<0.1	<0.1	<0.1	<0.1
	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
UMW-120	12/3/2015	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	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
UMW-121	12/3/2015	0.227	<0.1	<0.1	<0.1	<0.1	<0.1
	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
UMW-122	12/4/2015	0.061	<0.1	<0.1	<0.1	<0.1	<0.1
	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	12/2/2015	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	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

Champaign Former MGP
Analysis Results by Parameter
December 2015 Through October 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	12/3/2015	0.022	<0.1	<0.1	<0.1	<0.1	<0.1
	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
UMW-125	12/3/2015	0.059	<0.1	<0.1	<0.1	<0.1	<0.1
	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	
UMW-126	12/3/2015	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	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
UMW-127	12/3/2015	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	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
UMW-300	12/2/2015	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	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

Champaign Former MGP
Analysis Results by Parameter
December 2015 Through October 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	12/3/2015	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	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
UMW-302	12/3/2015	0.134	<0.1	<0.1	<0.1	<0.1	<0.1
	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
UMW-303	12/2/2015	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	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
	10/11/2017	<0.005	<0.1	<0.1	<0.1	<0.1	<0.1
UMW-304R	12/3/2015	0.005	<0.1	<0.1	<0.1	<0.1	<0.1
	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
UMW-305	12/2/2015	0.013	<0.1	<0.1	<0.1	<0.1	<0.1
	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

Champaign Former MGP
Analysis Results by Parameter
December 2015 Through October 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	12/2/2015	0.033	<0.1	<0.1	<0.1	<0.1	<0.1
	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
UMW-307	12/2/2015	0.045	<0.1	<0.1	<0.1	<0.1	<0.1
	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
UMW-308	12/3/2015	0.025	<0.1	<0.1	<0.1	<0.1	<0.1
	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

Champaign Former MGP
Analysis Results by Parameter
December 2015 Through October 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	12/1/2015	<0.1	<5	<0.1	<0.1	<0.1
	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
UMW-105	12/3/2015	<0.1	<5	<0.1	<0.1	<0.1
	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	
UMW-106R	12/2/2015	<0.1	<5	<0.1	<0.1	<0.1
	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	
UMW-107R	12/4/2015	<0.1	<5	<0.1	<0.1	<0.1
	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	
UMW-108	12/2/2015	<0.1	<5	<0.1	<0.1	<0.1
	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	

Champaign Former MGP
Analysis Results by Parameter
December 2015 Through October 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	12/2/2015	<0.1	<5	<0.1	<0.1	<0.1
	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
UMW-111A	12/2/2015	<0.1	<5	<0.1	<0.1	<0.1
	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
UMW-116	12/4/2015	<0.1	<5	<0.1	<0.1	<0.1
	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
UMW-117	12/4/2015	<0.1	<5	<0.1	<0.1	<0.1
	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
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

Champaign Former MGP
Analysis Results by Parameter
December 2015 Through October 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	12/2/2015	<0.1	<5	<0.1	<0.1	<0.1
	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
UMW-120	10/11/2017	<0.1	<5	0.31	<0.1	<0.1
	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	<0.1	<0.1	<0.1
	3/8/2017	<0.1	<5	<0.1	<0.1	<0.1
UMW-121	7/6/2017	<0.1	<5	<0.1	<0.1	<0.1
	10/9/2017	<0.1	<5	<0.1	<0.1	<0.1
	12/3/2015	<0.1	<5	<0.1	<0.1	<0.1
	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
UMW-122	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
	12/4/2015	<0.1	<5	<0.1	<0.1	<0.1
UMW-123	3/22/2016	<0.1	<5	<0.1	<0.1	<0.1
	6/23/2016	<0.1	<5	<0.1	<0.1	<0.1
	12/2/2015	<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

Champaign Former MGP
Analysis Results by Parameter
December 2015 Through October 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	12/3/2015	<0.1	19	<0.1	0.34	<0.1
	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
UMW-125	12/3/2015	<0.1	<5	<0.1	<0.1	<0.1
	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	
UMW-126	12/3/2015	<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
	12/14/2016	<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	
UMW-127	12/3/2015	<0.1	<5	<0.1	0.18	<0.1
	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	
UMW-300	12/2/2015	<0.1	<5	<0.1	<0.1	<0.1
	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	

Champaign Former MGP
Analysis Results by Parameter
December 2015 Through October 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	12/3/2015	<0.1	<5	<0.1	0.13	<0.1
	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
UMW-302	12/3/2015	<0.1	758	<0.1	<0.1	<0.1
	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	
UMW-303	12/2/2015	<0.1	<5	<0.1	<0.1	<0.1
	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	12/3/2015	<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
UMW-305	12/2/2015	<0.1	<5	<0.1	<0.1	<0.1
	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

Champaign Former MGP
Analysis Results by Parameter
December 2015 Through October 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	12/2/2015	<0.1	<5	<0.1	<0.1	<0.1
	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
UMW-307	12/2/2015	<0.1	<5	<0.1	<0.1	<0.1
	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
UMW-308	12/3/2015	<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
	12/14/2016	<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

Champaign Former MGP
Analysis Results by Parameter
December 2015 Through October 2017

Well ID	Date Sampled	Naphthalene (µg/L)	Phenanthrene (µg/L)	Pyrene (µg/L)	Toluene (µg/L)	Xylene, total (µg/L)
UMW-102	12/1/2015	<0.1	<0.1	<0.1	<5	<5
	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
UMW-105	10/10/2017	<0.1	<0.1	<0.1	<5	<5
	12/3/2015	<0.1	<0.1	<0.1	<5	<5
	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
UMW-106R	7/6/2017	<0.1	<0.1	<0.1	<5	<5
	10/12/2017	<0.1	<0.1	<0.1	<5	<5
	12/2/2015	<0.1	<0.1	<0.1	<5	<5
	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
UMW-107R	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
	12/4/2015	0.12	<0.1	<0.1	<5	<5
	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
UMW-108	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
	12/2/2015	<0.1	<0.1	<0.1	<5	<5
	3/23/2016	<0.1	<0.1	<0.1	<5	<5
	6/23/2016	<0.1	<0.1	<0.1	<5	<5
UMW-108	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

Champaign Former MGP
Analysis Results by Parameter
December 2015 Through October 2017

Well ID	Date Sampled	Naphthalene (µg/L)	Phenanthrene (µg/L)	Pyrene (µg/L)	Toluene (µg/L)	Xylene, total (µg/L)
UMW-109	12/2/2015	<0.1	<0.1	<0.1	<5	<5
	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
UMW-111A	10/10/2017	<0.1	<0.1	<0.1	<5	<5
	12/2/2015	<0.1	<0.1	<0.1	<5	<5
	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
UMW-116	7/6/2017	<0.1	<0.1	<0.1	<5	<5
	10/10/2017	<0.1	<0.1	<0.1	<5	<5
	12/4/2015	<0.1	<0.1	<0.1	<5	<5
	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
UMW-117	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
	12/4/2015	<0.1	<0.1	<0.1	<5	<5
	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
UMW-118	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
	12/3/2015	<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
UMW-118	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	

Champaign Former MGP
Analysis Results by Parameter
December 2015 Through October 2017

Well ID	Date Sampled	Naphthalene (µg/L)	Phenanthrene (µg/L)	Pyrene (µg/L)	Toluene (µg/L)	Xylene, total (µg/L)
UMW-119	12/2/2015	<0.1	<0.1	<0.1	<5	<5
	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
UMW-120	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	<0.1	<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
UMW-121	12/3/2015	<0.1	<0.1	<0.1	<5	<5
	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
UMW-122	12/4/2015	<0.1	<0.1	<0.1	<5	<5
	3/22/2016	<0.25	<0.1	<0.1	<5	<5
	6/23/2016	<0.1	<0.1	<0.1	<5	<5
UMW-123	12/2/2015	<0.1	<0.1	<0.1	<5	<5
	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

Champaign Former MGP
Analysis Results by Parameter
December 2015 Through October 2017

Well ID	Date Sampled	Naphthalene (µg/L)	Phenanthrene (µg/L)	Pyrene (µg/L)	Toluene (µg/L)	Xylene, total (µg/L)
UMW-124	12/3/2015	95.9	0.35	<0.1	71.2	50.3
	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
UMW-125	12/3/2015	0.15	<0.1	<0.1	<5	<5
	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	
UMW-126	12/3/2015	<0.1	<0.1	<0.1	<5	<5
	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
UMW-127	12/3/2015	1.79	0.35	<0.1	1	<5
	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
UMW-300	12/2/2015	<0.1	<0.1	<0.1	<5	<5
	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

Champaign Former MGP
Analysis Results by Parameter
December 2015 Through October 2017

Well ID	Date Sampled	Naphthalene (µg/L)	Phenanthrene (µg/L)	Pyrene (µg/L)	Toluene (µg/L)	Xylene, total (µg/L)
UMW-301R	12/3/2015	0.26	<0.1	<0.1	<5	<5
	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
UMW-302	12/3/2015	2,560	<0.1	<0.1	<50	217
	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
UMW-303	12/2/2015	0.13	<0.1	<0.1	<5	<5
	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
UMW-304R	12/3/2015	<0.1	<0.1	<0.1	<5	<5
	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
UMW-305	12/2/2015	<0.1	<0.1	<0.1	<5	<5
	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

Champaign Former MGP
Analysis Results by Parameter
December 2015 Through October 2017

Well ID	Date Sampled	Naphthalene (µg/L)	Phenanthrene (µg/L)	Pyrene (µg/L)	Toluene (µg/L)	Xylene, total (µg/L)
UMW-306	12/2/2015	<0.1	<0.1	<0.1	<5	<5
	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
UMW-307	12/2/2015	<0.1	<0.1	<0.1	<5	<5
	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
UMW-308	12/3/2015	<0.1	<0.1	<0.1	<5	<5
	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

ATTACHMENT 3

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

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

CONSTITUENT (mg/L)	Class I Standard	Class II Standard	Units	UMW-102 10/10/2017	UMW-105 10/12/2017	UMW-106R 10/11/2017	UMW-107R 10/11/2017	UMW-907 ⁽²⁾ 10/11/2017	UMW-108 10/10/2017	UMW-109 10/10/2017	UMW-111A 10/10/2017	UMW-116 10/11/2017	UMW-117 10/11/2017	UMW-118 10/10/2017
Benzene	0.005	0.025	mg/L	< 0.002	< 0.002	< 0.002	0.0039	0.0058	< 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	< 0.0001	< 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	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.0001
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	< 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	0.00021
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	0.00027
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	0.00027
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	0.00012
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	0.00009 J
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	0.00009 J
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	< 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	0.00019
Fluorene	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	< 0.0001
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	0.0001
Naphthalene	0.14	0.22	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Phenanthrene	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	< 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	0.00093
Cyanide (total) 9012A	0.20	0.60	mg/L	< 0.005	0.056	0.038	0.363	0.347	0.03	0.036	< 0.005	< 0.005	< 0.005	0.056

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
October 2017
Champaign Former MGP Site
Champaign, Illinois

CONSTITUENT (mg/L)	Class I Standard	Class II Standard	Units	UMW-119 10/11/2017	UMW-120 10/9/2017	UMW-121 10/12/2017	UMW-122 not sampled	UMW-123 10/11/2017	UMW-124 10/13/2017	UMW-125 10/12/2017	UMW-126 10/12/2017	UMW-127 10/12/2017	UMW-300 10/10/2017	UMW-301 R 10/12/2017
Benzene	0.005	0.025	mg/L	< 0.002	< 0.002	< 0.002		< 0.002	0.071	0.0432	0.0052	0.0049	< 0.002	< 0.002
Ethylbenzene	0.70	1.00	mg/L	< 0.005	< 0.005	< 0.005		< 0.005	0.0065	0.0013 J	< 0.005	< 0.005	< 0.005	< 0.005
Toluene	1.0	2.5	mg/L	< 0.005	< 0.005	< 0.005		< 0.005	0.0276	0.002 J	< 0.005	< 0.005	< 0.005	< 0.005
Xylene (total)	10.0	10.0	mg/L	< 0.005	< 0.005	< 0.005		< 0.005	0.017	0.0014 J	< 0.005	< 0.005	< 0.005	< 0.005
Acenaphthene	0.42	2.10	mg/L	0.00029	< 0.0001	< 0.0001		< 0.0001	0.00038	0.00013	< 0.0001	0.00014	< 0.0001	0.00241
Acenaphthylene	0.21 ⁽¹⁾	1.05 ⁽¹⁾	mg/L	0.00041	< 0.0001	< 0.0001		< 0.0001	0.00019	< 0.0001	< 0.0001	0.00247	< 0.0001	0.00277
Anthracene	2.1	10.5	mg/L	0.00011	< 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	0.00014	< 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	0.00012	< 0.0001	< 0.0001		< 0.0001	< 0.0001	0.00008 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	0.00018	0.00900	mg/L	0.00011	< 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	0.00015	< 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	0.00031	< 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	0.00016	< 0.0001	0.00012
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		< 0.0001	0.0304	0.00319	< 0.0001	0.00184	< 0.0001	< 0.0001
Phenanthrene	0.21 ⁽¹⁾	1.05 ⁽¹⁾	mg/L	0.00016	< 0.0001	< 0.0001		< 0.0001	< 0.0001	0.00031	< 0.0001	0.0004	< 0.0001	< 0.0001
Pyrene	0.21	1.05	mg/L	0.00044	< 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	0.033	0.007	0.166		< 0.005	0.008	0.028	< 0.005	< 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
October 2017
Champaign Former MGP Site
Champaign, Illinois

CONSTITUENT (mg/L)	Class I Standard	Class II Standard	Units	UMW-302 10/12/2017	UMW-902 ⁽³⁾ 10/12/2017	UMW-303 10/11/2017	UMW-304R 10/12/2017	UMW-305 10/12/2017	UMW-306 10/11/2017	UMW-307 10/11/2017	UMW-308 10/13/2017
Benzene	0.005	0.025	mg/L	0.348	0.37	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Ethylbenzene	0.70	1.00	mg/L	0.628	0.692	< 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	0.133	0.153	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Acenaphthene	0.42	2.10	mg/L	0.00011	0.0001	< 0.0001	0.00071	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	0.21 ⁽¹⁾	1.05 ⁽¹⁾	mg/L	0.00051	0.00047	< 0.0001	0.0014	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	2.1	10.5	mg/L	< 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
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
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
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
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
Chrysene	0.0015	0.0075	mg/L	< 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
Fluoranthene	0.28	1.40	mg/L	< 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	< 0.0001	< 0.0001	< 0.0001	< 0.0001
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
Naphthalene	0.14	0.22	mg/L	2.29	2.06	< 0.0001	< 0.0001	0.00043	< 0.0001	< 0.0001	< 0.0001
Phenanthrene	0.21 ⁽¹⁾	1.05 ⁽¹⁾	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 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
Cyanide (total) 9012A	0.20	0.60	mg/L	0.117	0.110	< 0.005	0.007	0.009	0.033	0.027	0.02

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

October 23, 2017

Dan Wheaton
PSC Industrial Outsourcing, LP
210 West Sand Bank Road
Columbia, IL 62236-0230
TEL: (618) 281-1583
FAX: (618) 281-5120



RE: Champaign FMGP Q3 2017 Groundwater

WorkOrder: 17100875

Dear Dan Wheaton:

TEKLAB, INC received 30 samples on 10/13/2017 2:25:00 PM for the analysis presented in the following report.

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

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

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

Sincerely,



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



Report Contents

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

Client: PSC Industrial Outsourcing, LP

Work Order: 17100875

Client Project: Champaign FMGP Q3 2017 Groundwater

Report Date: 23-Oct-17

This reporting package includes the following:

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Chain of Custody	Appended

Client: PSC Industrial Outsourcing, LP

Work Order: 17100875

Client Project: Champaign FMGP Q3 2017 Groundwater

Report Date: 23-Oct-17

Abbr Definition

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

Client: PSC Industrial Outsourcing, LP

Work Order: 17100875

Client Project: Champaign FMGP Q3 2017 Groundwater

Report Date: 23-Oct-17

Cooler Receipt Temp: 2.22 °C

Locations

Collinsville

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425

Phone (618) 344-1004

Fax (618) 344-1005

Email jhriley@teklabinc.com

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Phone (913) 541-1998

Fax (913) 541-1998

Email jhriley@teklabinc.com



Accreditations

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

Client: PSC Industrial Outsourcing, LP

Work Order: 17100875

Client Project: Champaign FMGP Q3 2017 Groundwater

Report Date: 23-Oct-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



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 17100875

Client Project: Champaign FMGP Q3 2017 Groundwater

Report Date: 23-Oct-17

Lab ID: 17100875-001

Client Sample ID: UMW-120

Matrix: GROUNDWATER

Collection Date: 10/09/2017 17:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		0.007	mg/L	1	10/19/2017 14:22	135318
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	10/16/2017 17:32	135198
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	10/16/2017 17:32	135198
Anthracene	NELAP	0.00010		ND	mg/L	1	10/16/2017 17:32	135198
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	10/16/2017 17:32	135198
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	10/16/2017 17:32	135198
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/16/2017 17:32	135198
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	10/16/2017 17:32	135198
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/16/2017 17:32	135198
Chrysene	NELAP	0.00010		ND	mg/L	1	10/16/2017 17:32	135198
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	10/16/2017 17:32	135198
Fluoranthene	NELAP	0.00010		ND	mg/L	1	10/16/2017 17:32	135198
Fluorene	NELAP	0.00010		ND	mg/L	1	10/16/2017 17:32	135198
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	10/16/2017 17:32	135198
Naphthalene	NELAP	0.00010		ND	mg/L	1	10/16/2017 17:32	135198
Phenanthrene	NELAP	0.00010		ND	mg/L	1	10/16/2017 17:32	135198
Pyrene	NELAP	0.00010		ND	mg/L	1	10/16/2017 17:32	135198
Surr: 2-Fluorobiphenyl		13.8-99.2		69.6	%REC	1	10/16/2017 17:32	135198
Surr: Nitrobenzene-d5		15.3-96.2		94.4	%REC	1	10/16/2017 17:32	135198
Surr: p-Terphenyl-d14		10-109		68.2	%REC	1	10/16/2017 17:32	135198
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	10/16/2017 12:03	135214
Ethylbenzene	NELAP	5.0		ND	µg/L	1	10/16/2017 12:03	135214
Toluene	NELAP	5.0		ND	µg/L	1	10/16/2017 12:03	135214
Xylenes, Total	NELAP	5.0		ND	µg/L	1	10/16/2017 12:03	135214
Surr: 1,2-Dichloroethane-d4		79.6-118		91.3	%REC	1	10/16/2017 12:03	135214
Surr: 4-Bromofluorobenzene		83.9-115		94.2	%REC	1	10/16/2017 12:03	135214
Surr: Dibromofluoromethane		84.9-113		97.5	%REC	1	10/16/2017 12:03	135214
Surr: Toluene-d8		86.7-112		99.5	%REC	1	10/16/2017 12:03	135214



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP
 Client Project: Champaign FMGP Q3 2017 Groundwater
 Lab ID: 17100875-002
 Matrix: GROUNDWATER

Work Order: 17100875
 Report Date: 23-Oct-17

Client Sample ID: UMW-119
 Collection Date: 10/11/2017 7:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		0.033	mg/L	1	10/19/2017 16:15	135318
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		0.00029	mg/L	1	10/17/2017 18:42	135198
Acenaphthylene	NELAP	0.00010		0.00041	mg/L	1	10/17/2017 18:42	135198
Anthracene	NELAP	0.00010		0.00011	mg/L	1	10/17/2017 18:42	135198
Benzo(a)anthracene	NELAP	0.00010		0.00014	mg/L	1	10/17/2017 18:42	135198
Benzo(a)pyrene	NELAP	0.00010		0.00012	mg/L	1	10/17/2017 18:42	135198
Benzo(b)fluoranthene	NELAP	0.00010		0.00011	mg/L	1	10/17/2017 18:42	135198
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	10/17/2017 18:42	135198
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/17/2017 18:42	135198
Chrysene	NELAP	0.00010		0.00015	mg/L	1	10/17/2017 18:42	135198
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	10/17/2017 18:42	135198
Fluoranthene	NELAP	0.00010		0.00031	mg/L	1	10/17/2017 18:42	135198
Fluorene	NELAP	0.00010		ND	mg/L	1	10/17/2017 18:42	135198
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	10/17/2017 18:42	135198
Naphthalene	NELAP	0.00010		ND	mg/L	1	10/17/2017 18:42	135198
Phenanthrene	NELAP	0.00010		0.00016	mg/L	1	10/17/2017 18:42	135198
Pyrene	NELAP	0.00010		0.00044	mg/L	1	10/17/2017 18:42	135198
Surr: 2-Fluorobiphenyl		13.8-99.2		71.0	%REC	1	10/17/2017 18:42	135198
Surr: Nitrobenzene-d5		15.3-96.2		54.2	%REC	1	10/17/2017 18:42	135198
Surr: p-Terphenyl-d14		10-109		51.2	%REC	1	10/17/2017 18:42	135198
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	10/16/2017 12:29	135214
Ethylbenzene	NELAP	5.0		ND	µg/L	1	10/16/2017 12:29	135214
Toluene	NELAP	5.0		ND	µg/L	1	10/16/2017 12:29	135214
Xylenes, Total	NELAP	5.0		ND	µg/L	1	10/16/2017 12:29	135214
Surr: 1,2-Dichloroethane-d4		79.6-118		93.8	%REC	1	10/16/2017 12:29	135214
Surr: 4-Bromofluorobenzene		83.9-115		93.2	%REC	1	10/16/2017 12:29	135214
Surr: Dibromofluoromethane		84.9-113		99.7	%REC	1	10/16/2017 12:29	135214
Surr: Toluene-d8		86.7-112		98.2	%REC	1	10/16/2017 12:29	135214



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 17100875

Client Project: Champaign FMGP Q3 2017 Groundwater

Report Date: 23-Oct-17

Lab ID: 17100875-003

Client Sample ID: UMW-111A

Matrix: GROUNDWATER

Collection Date: 10/10/2017 12:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		< 0.005	mg/L	1	10/19/2017 16:19	135318
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	10/16/2017 18:41	135198
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	10/16/2017 18:41	135198
Anthracene	NELAP	0.00010		ND	mg/L	1	10/16/2017 18:41	135198
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	10/16/2017 18:41	135198
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	10/16/2017 18:41	135198
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/16/2017 18:41	135198
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	10/16/2017 18:41	135198
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/16/2017 18:41	135198
Chrysene	NELAP	0.00010		ND	mg/L	1	10/16/2017 18:41	135198
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	10/16/2017 18:41	135198
Fluoranthene	NELAP	0.00010		ND	mg/L	1	10/16/2017 18:41	135198
Fluorene	NELAP	0.00010		ND	mg/L	1	10/16/2017 18:41	135198
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	10/16/2017 18:41	135198
Naphthalene	NELAP	0.00010		ND	mg/L	1	10/16/2017 18:41	135198
Phenanthrene	NELAP	0.00010		ND	mg/L	1	10/16/2017 18:41	135198
Pyrene	NELAP	0.00010		ND	mg/L	1	10/16/2017 18:41	135198
Surr: 2-Fluorobiphenyl		13.8-99.2		69.6	%REC	1	10/16/2017 18:41	135198
Surr: Nitrobenzene-d5		15.3-96.2	S	99.2	%REC	1	10/16/2017 18:41	135198
Surr: p-Terphenyl-d14		10-109		76.2	%REC	1	10/16/2017 18:41	135198
<i>Surrogate recovery is outside QC limits due to matrix interference.</i>								
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	10/16/2017 12:54	135214
Ethylbenzene	NELAP	5.0		ND	µg/L	1	10/16/2017 12:54	135214
Toluene	NELAP	5.0		ND	µg/L	1	10/16/2017 12:54	135214
Xylenes, Total	NELAP	5.0		ND	µg/L	1	10/16/2017 12:54	135214
Surr: 1,2-Dichloroethane-d4		79.6-118		92.6	%REC	1	10/16/2017 12:54	135214
Surr: 4-Bromofluorobenzene		83.9-115		94.5	%REC	1	10/16/2017 12:54	135214
Surr: Dibromofluoromethane		84.9-113		98.5	%REC	1	10/16/2017 12:54	135214
Surr: Toluene-d8		86.7-112		101.7	%REC	1	10/16/2017 12:54	135214



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 17100875

Client Project: Champaign FMGP Q3 2017 Groundwater

Report Date: 23-Oct-17

Lab ID: 17100875-004

Client Sample ID: UMW-300

Matrix: GROUNDWATER

Collection Date: 10/10/2017 12:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		< 0.005	mg/L	1	10/19/2017 16:24	135318
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	10/16/2017 19:16	135198
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	10/16/2017 19:16	135198
Anthracene	NELAP	0.00010		ND	mg/L	1	10/16/2017 19:16	135198
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	10/16/2017 19:16	135198
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	10/16/2017 19:16	135198
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/16/2017 19:16	135198
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	10/16/2017 19:16	135198
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/16/2017 19:16	135198
Chrysene	NELAP	0.00010		ND	mg/L	1	10/16/2017 19:16	135198
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	10/16/2017 19:16	135198
Fluoranthene	NELAP	0.00010		ND	mg/L	1	10/16/2017 19:16	135198
Fluorene	NELAP	0.00010		ND	mg/L	1	10/16/2017 19:16	135198
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	10/16/2017 19:16	135198
Naphthalene	NELAP	0.00010		ND	mg/L	1	10/16/2017 19:16	135198
Phenanthrene	NELAP	0.00010		ND	mg/L	1	10/16/2017 19:16	135198
Pyrene	NELAP	0.00010		ND	mg/L	1	10/16/2017 19:16	135198
Surr: 2-Fluorobiphenyl		13.8-99.2		70.2	%REC	1	10/16/2017 19:16	135198
Surr: Nitrobenzene-d5		15.3-96.2		86.0	%REC	1	10/16/2017 19:16	135198
Surr: p-Terphenyl-d14		10-109		76.2	%REC	1	10/16/2017 19:16	135198
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	10/16/2017 13:20	135214
Ethylbenzene	NELAP	5.0		ND	µg/L	1	10/16/2017 13:20	135214
Toluene	NELAP	5.0		ND	µg/L	1	10/16/2017 13:20	135214
Xylenes, Total	NELAP	5.0		ND	µg/L	1	10/16/2017 13:20	135214
Surr: 1,2-Dichloroethane-d4		79.6-118		92.6	%REC	1	10/16/2017 13:20	135214
Surr: 4-Bromofluorobenzene		83.9-115		91.9	%REC	1	10/16/2017 13:20	135214
Surr: Dibromofluoromethane		84.9-113		99.4	%REC	1	10/16/2017 13:20	135214
Surr: Toluene-d8		86.7-112		99.5	%REC	1	10/16/2017 13:20	135214



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 17100875

Client Project: Champaign FMGP Q3 2017 Groundwater

Report Date: 23-Oct-17

Lab ID: 17100875-005

Client Sample ID: UMW-102

Matrix: GROUNDWATER

Collection Date: 10/10/2017 13:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		< 0.005	mg/L	1	10/19/2017 16:28	135318
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	10/16/2017 19:50	135198
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	10/16/2017 19:50	135198
Anthracene	NELAP	0.00010		ND	mg/L	1	10/16/2017 19:50	135198
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	10/16/2017 19:50	135198
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	10/16/2017 19:50	135198
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/16/2017 19:50	135198
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	10/16/2017 19:50	135198
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/16/2017 19:50	135198
Chrysene	NELAP	0.00010		ND	mg/L	1	10/16/2017 19:50	135198
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	10/16/2017 19:50	135198
Fluoranthene	NELAP	0.00010		ND	mg/L	1	10/16/2017 19:50	135198
Fluorene	NELAP	0.00010		ND	mg/L	1	10/16/2017 19:50	135198
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	10/16/2017 19:50	135198
Naphthalene	NELAP	0.00010		ND	mg/L	1	10/16/2017 19:50	135198
Phenanthrene	NELAP	0.00010		ND	mg/L	1	10/16/2017 19:50	135198
Pyrene	NELAP	0.00010		ND	mg/L	1	10/16/2017 19:50	135198
Surr: 2-Fluorobiphenyl		13.8-99.2		70.8	%REC	1	10/16/2017 19:50	135198
Surr: Nitrobenzene-d5		15.3-96.2		89.4	%REC	1	10/16/2017 19:50	135198
Surr: p-Terphenyl-d14		10-109		79.8	%REC	1	10/16/2017 19:50	135198
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	10/16/2017 13:45	135214
Ethylbenzene	NELAP	5.0		ND	µg/L	1	10/16/2017 13:45	135214
Toluene	NELAP	5.0		ND	µg/L	1	10/16/2017 13:45	135214
Xylenes, Total	NELAP	5.0		ND	µg/L	1	10/16/2017 13:45	135214
Surr: 1,2-Dichloroethane-d4		79.6-118		94.1	%REC	1	10/16/2017 13:45	135214
Surr: 4-Bromofluorobenzene		83.9-115		90.9	%REC	1	10/16/2017 13:45	135214
Surr: Dibromofluoromethane		84.9-113		99.9	%REC	1	10/16/2017 13:45	135214
Surr: Toluene-d8		86.7-112		99.2	%REC	1	10/16/2017 13:45	135214



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 17100875

Client Project: Champaign FMGP Q3 2017 Groundwater

Report Date: 23-Oct-17

Lab ID: 17100875-006

Client Sample ID: UMW-109

Matrix: GROUNDWATER

Collection Date: 10/10/2017 14:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		0.036	mg/L	1	10/19/2017 16:33	135332
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	10/16/2017 20:24	135198
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	10/16/2017 20:24	135198
Anthracene	NELAP	0.00010		ND	mg/L	1	10/16/2017 20:24	135198
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	10/16/2017 20:24	135198
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	10/16/2017 20:24	135198
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/16/2017 20:24	135198
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	10/16/2017 20:24	135198
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/16/2017 20:24	135198
Chrysene	NELAP	0.00010		ND	mg/L	1	10/16/2017 20:24	135198
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	10/16/2017 20:24	135198
Fluoranthene	NELAP	0.00010		ND	mg/L	1	10/16/2017 20:24	135198
Fluorene	NELAP	0.00010		ND	mg/L	1	10/16/2017 20:24	135198
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	10/16/2017 20:24	135198
Naphthalene	NELAP	0.00010		ND	mg/L	1	10/16/2017 20:24	135198
Phenanthrene	NELAP	0.00010		ND	mg/L	1	10/16/2017 20:24	135198
Pyrene	NELAP	0.00010		ND	mg/L	1	10/16/2017 20:24	135198
Surr: 2-Fluorobiphenyl		13.8-99.2		73.8	%REC	1	10/16/2017 20:24	135198
Surr: Nitrobenzene-d5		15.3-96.2		79.4	%REC	1	10/16/2017 20:24	135198
Surr: p-Terphenyl-d14		10-109		82.2	%REC	1	10/16/2017 20:24	135198
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	10/16/2017 14:10	135214
Ethylbenzene	NELAP	5.0		ND	µg/L	1	10/16/2017 14:10	135214
Toluene	NELAP	5.0		ND	µg/L	1	10/16/2017 14:10	135214
Xylenes, Total	NELAP	5.0		ND	µg/L	1	10/16/2017 14:10	135214
Surr: 1,2-Dichloroethane-d4		79.6-118		92.0	%REC	1	10/16/2017 14:10	135214
Surr: 4-Bromofluorobenzene		83.9-115		93.4	%REC	1	10/16/2017 14:10	135214
Surr: Dibromofluoromethane		84.9-113		98.2	%REC	1	10/16/2017 14:10	135214
Surr: Toluene-d8		86.7-112		99.7	%REC	1	10/16/2017 14:10	135214



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 17100875

Client Project: Champaign FMGP Q3 2017 Groundwater

Report Date: 23-Oct-17

Lab ID: 17100875-007

Client Sample ID: UMW-118

Matrix: GROUNDWATER

Collection Date: 10/10/2017 15:55

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.010		0.056	mg/L	2	10/20/2017 12:30	135332
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	10/16/2017 20:58	135198
Acenaphthylene	NELAP	0.00010		0.00010	mg/L	1	10/16/2017 20:58	135198
Anthracene	NELAP	0.00010		ND	mg/L	1	10/16/2017 20:58	135198
Benzo(a)anthracene	NELAP	0.00010		0.00021	mg/L	1	10/16/2017 20:58	135198
Benzo(a)pyrene	NELAP	0.00010		0.00027	mg/L	1	10/16/2017 20:58	135198
Benzo(b)fluoranthene	NELAP	0.00010		0.00027	mg/L	1	10/16/2017 20:58	135198
Benzo(g,h,i)perylene	NELAP	0.00010		0.00012	mg/L	1	10/16/2017 20:58	135198
Benzo(k)fluoranthene	NELAP	0.00010	J	0.00009	mg/L	1	10/16/2017 20:58	135198
Chrysene	NELAP	0.00010	J	0.00009	mg/L	1	10/16/2017 20:58	135198
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	10/16/2017 20:58	135198
Fluoranthene	NELAP	0.00010		0.00019	mg/L	1	10/16/2017 20:58	135198
Fluorene	NELAP	0.00010		ND	mg/L	1	10/16/2017 20:58	135198
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		0.00010	mg/L	1	10/16/2017 20:58	135198
Naphthalene	NELAP	0.00010		ND	mg/L	1	10/16/2017 20:58	135198
Phenanthrene	NELAP	0.00010		ND	mg/L	1	10/16/2017 20:58	135198
Pyrene	NELAP	0.00010		0.00093	mg/L	1	10/16/2017 20:58	135198
Surr: 2-Fluorobiphenyl		13.8-99.2		69.2	%REC	1	10/16/2017 20:58	135198
Surr: Nitrobenzene-d5		15.3-96.2		73.0	%REC	1	10/16/2017 20:58	135198
Surr: p-Terphenyl-d14		10-109		62.8	%REC	1	10/16/2017 20:58	135198
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	10/16/2017 14:36	135214
Ethylbenzene	NELAP	5.0		ND	µg/L	1	10/16/2017 14:36	135214
Toluene	NELAP	5.0		ND	µg/L	1	10/16/2017 14:36	135214
Xylenes, Total	NELAP	5.0		ND	µg/L	1	10/16/2017 14:36	135214
Surr: 1,2-Dichloroethane-d4		79.6-118		92.0	%REC	1	10/16/2017 14:36	135214
Surr: 4-Bromofluorobenzene		83.9-115		93.0	%REC	1	10/16/2017 14:36	135214
Surr: Dibromofluoromethane		84.9-113		98.2	%REC	1	10/16/2017 14:36	135214
Surr: Toluene-d8		86.7-112		99.8	%REC	1	10/16/2017 14:36	135214



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 17100875

Client Project: Champaign FMGP Q3 2017 Groundwater

Report Date: 23-Oct-17

Lab ID: 17100875-008

Client Sample ID: UMW-108

Matrix: GROUNDWATER

Collection Date: 10/10/2017 17:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		0.030	mg/L	1	10/19/2017 18:22	135332
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	10/16/2017 21:33	135198
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	10/16/2017 21:33	135198
Anthracene	NELAP	0.00010		ND	mg/L	1	10/16/2017 21:33	135198
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	10/16/2017 21:33	135198
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	10/16/2017 21:33	135198
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/16/2017 21:33	135198
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	10/16/2017 21:33	135198
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/16/2017 21:33	135198
Chrysene	NELAP	0.00010		ND	mg/L	1	10/16/2017 21:33	135198
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	10/16/2017 21:33	135198
Fluoranthene	NELAP	0.00010		ND	mg/L	1	10/16/2017 21:33	135198
Fluorene	NELAP	0.00010		ND	mg/L	1	10/16/2017 21:33	135198
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	10/16/2017 21:33	135198
Naphthalene	NELAP	0.00010		ND	mg/L	1	10/16/2017 21:33	135198
Phenanthrene	NELAP	0.00010		ND	mg/L	1	10/16/2017 21:33	135198
Pyrene	NELAP	0.00010		ND	mg/L	1	10/16/2017 21:33	135198
Surr: 2-Fluorobiphenyl		13.8-99.2		78.8	%REC	1	10/16/2017 21:33	135198
Surr: Nitrobenzene-d5		15.3-96.2		81.0	%REC	1	10/16/2017 21:33	135198
Surr: p-Terphenyl-d14		10-109		83.6	%REC	1	10/16/2017 21:33	135198
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	10/16/2017 15:01	135214
Ethylbenzene	NELAP	5.0		ND	µg/L	1	10/16/2017 15:01	135214
Toluene	NELAP	5.0		ND	µg/L	1	10/16/2017 15:01	135214
Xylenes, Total	NELAP	5.0		ND	µg/L	1	10/16/2017 15:01	135214
Surr: 1,2-Dichloroethane-d4		79.6-118		91.7	%REC	1	10/16/2017 15:01	135214
Surr: 4-Bromofluorobenzene		83.9-115		91.3	%REC	1	10/16/2017 15:01	135214
Surr: Dibromofluoromethane		84.9-113		98.3	%REC	1	10/16/2017 15:01	135214
Surr: Toluene-d8		86.7-112		98.7	%REC	1	10/16/2017 15:01	135214



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 17100875

Client Project: Champaign FMGP Q3 2017 Groundwater

Report Date: 23-Oct-17

Lab ID: 17100875-009

Client Sample ID: UMW-303

Matrix: GROUNDWATER

Collection Date: 10/11/2017 9:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		< 0.005	mg/L	1	10/19/2017 18:26	135332
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	10/16/2017 23:17	135198
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	10/16/2017 23:17	135198
Anthracene	NELAP	0.00010		ND	mg/L	1	10/16/2017 23:17	135198
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	10/16/2017 23:17	135198
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	10/16/2017 23:17	135198
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/16/2017 23:17	135198
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	10/16/2017 23:17	135198
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/16/2017 23:17	135198
Chrysene	NELAP	0.00010		ND	mg/L	1	10/16/2017 23:17	135198
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	10/16/2017 23:17	135198
Fluoranthene	NELAP	0.00010		ND	mg/L	1	10/16/2017 23:17	135198
Fluorene	NELAP	0.00010		ND	mg/L	1	10/16/2017 23:17	135198
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	10/16/2017 23:17	135198
Naphthalene	NELAP	0.00010		ND	mg/L	1	10/16/2017 23:17	135198
Phenanthrene	NELAP	0.00010		ND	mg/L	1	10/16/2017 23:17	135198
Pyrene	NELAP	0.00010		ND	mg/L	1	10/16/2017 23:17	135198
Surr: 2-Fluorobiphenyl		13.8-99.2		68.6	%REC	1	10/16/2017 23:17	135198
Surr: Nitrobenzene-d5		15.3-96.2		60.4	%REC	1	10/16/2017 23:17	135198
Surr: p-Terphenyl-d14		10-109		76.2	%REC	1	10/16/2017 23:17	135198
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	10/16/2017 15:27	135214
Ethylbenzene	NELAP	5.0		ND	µg/L	1	10/16/2017 15:27	135214
Toluene	NELAP	5.0		ND	µg/L	1	10/16/2017 15:27	135214
Xylenes, Total	NELAP	5.0		ND	µg/L	1	10/16/2017 15:27	135214
Surr: 1,2-Dichloroethane-d4		79.6-118		91.3	%REC	1	10/16/2017 15:27	135214
Surr: 4-Bromofluorobenzene		83.9-115		93.0	%REC	1	10/16/2017 15:27	135214
Surr: Dibromofluoromethane		84.9-113		97.9	%REC	1	10/16/2017 15:27	135214
Surr: Toluene-d8		86.7-112		99.9	%REC	1	10/16/2017 15:27	135214



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 17100875

Client Project: Champaign FMGP Q3 2017 Groundwater

Report Date: 23-Oct-17

Lab ID: 17100875-010

Client Sample ID: UMW-107R

Matrix: GROUNDWATER

Collection Date: 10/11/2017 10:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.051		0.363	mg/L	10	10/20/2017 12:34	135332
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	10/16/2017 23:51	135198
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	10/16/2017 23:51	135198
Anthracene	NELAP	0.00010		ND	mg/L	1	10/16/2017 23:51	135198
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	10/16/2017 23:51	135198
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	10/16/2017 23:51	135198
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/16/2017 23:51	135198
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	10/16/2017 23:51	135198
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/16/2017 23:51	135198
Chrysene	NELAP	0.00010		ND	mg/L	1	10/16/2017 23:51	135198
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	10/16/2017 23:51	135198
Fluoranthene	NELAP	0.00010		ND	mg/L	1	10/16/2017 23:51	135198
Fluorene	NELAP	0.00010		ND	mg/L	1	10/16/2017 23:51	135198
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	10/16/2017 23:51	135198
Naphthalene	NELAP	0.00010		ND	mg/L	1	10/16/2017 23:51	135198
Phenanthrene	NELAP	0.00010		ND	mg/L	1	10/16/2017 23:51	135198
Pyrene	NELAP	0.00010		ND	mg/L	1	10/16/2017 23:51	135198
Surr: 2-Fluorobiphenyl		13.8-99.2		69.6	%REC	1	10/16/2017 23:51	135198
Surr: Nitrobenzene-d5		15.3-96.2		57.0	%REC	1	10/16/2017 23:51	135198
Surr: p-Terphenyl-d14		10-109		64.4	%REC	1	10/16/2017 23:51	135198
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		3.9	µg/L	1	10/16/2017 15:53	135214
Ethylbenzene	NELAP	5.0		ND	µg/L	1	10/16/2017 15:53	135214
Toluene	NELAP	5.0		ND	µg/L	1	10/16/2017 15:53	135214
Xylenes, Total	NELAP	5.0		ND	µg/L	1	10/16/2017 15:53	135214
Surr: 1,2-Dichloroethane-d4		79.6-118		90.4	%REC	1	10/16/2017 15:53	135214
Surr: 4-Bromofluorobenzene		83.9-115		92.9	%REC	1	10/16/2017 15:53	135214
Surr: Dibromofluoromethane		84.9-113		98.2	%REC	1	10/16/2017 15:53	135214
Surr: Toluene-d8		86.7-112		99.4	%REC	1	10/16/2017 15:53	135214



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 17100875

Client Project: Champaign FMGP Q3 2017 Groundwater

Report Date: 23-Oct-17

Lab ID: 17100875-011

Client Sample ID: UMW-907R

Matrix: GROUNDWATER

Collection Date: 10/11/2017 0:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.052		0.347	mg/L	10	10/20/2017 12:38	135332
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	10/17/2017 0:26	135198
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	10/17/2017 0:26	135198
Anthracene	NELAP	0.00010		ND	mg/L	1	10/17/2017 0:26	135198
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	10/17/2017 0:26	135198
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	10/17/2017 0:26	135198
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/17/2017 0:26	135198
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	10/17/2017 0:26	135198
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/17/2017 0:26	135198
Chrysene	NELAP	0.00010		ND	mg/L	1	10/17/2017 0:26	135198
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	10/17/2017 0:26	135198
Fluoranthene	NELAP	0.00010		ND	mg/L	1	10/17/2017 0:26	135198
Fluorene	NELAP	0.00010		ND	mg/L	1	10/17/2017 0:26	135198
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	10/17/2017 0:26	135198
Naphthalene	NELAP	0.00010		ND	mg/L	1	10/17/2017 0:26	135198
Phenanthrene	NELAP	0.00010		ND	mg/L	1	10/17/2017 0:26	135198
Pyrene	NELAP	0.00010		ND	mg/L	1	10/17/2017 0:26	135198
Surr: 2-Fluorobiphenyl		13.8-99.2		62.0	%REC	1	10/17/2017 0:26	135198
Surr: Nitrobenzene-d5		15.3-96.2		69.6	%REC	1	10/17/2017 0:26	135198
Surr: p-Terphenyl-d14		10-109		63.0	%REC	1	10/17/2017 0:26	135198
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		5.8	µg/L	1	10/16/2017 16:18	135214
Ethylbenzene	NELAP	5.0		ND	µg/L	1	10/16/2017 16:18	135214
Toluene	NELAP	5.0		ND	µg/L	1	10/16/2017 16:18	135214
Xylenes, Total	NELAP	5.0		ND	µg/L	1	10/16/2017 16:18	135214
Surr: 1,2-Dichloroethane-d4		79.6-118		92.7	%REC	1	10/16/2017 16:18	135214
Surr: 4-Bromofluorobenzene		83.9-115		91.8	%REC	1	10/16/2017 16:18	135214
Surr: Dibromofluoromethane		84.9-113		100.1	%REC	1	10/16/2017 16:18	135214
Surr: Toluene-d8		86.7-112		97.8	%REC	1	10/16/2017 16:18	135214



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 17100875

Client Project: Champaign FMGP Q3 2017 Groundwater

Report Date: 23-Oct-17

Lab ID: 17100875-012

Client Sample ID: UMW-117

Matrix: GROUNDWATER

Collection Date: 10/11/2017 11:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		< 0.005	mg/L	1	10/19/2017 18:44	135332
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	10/17/2017 1:01	135198
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	10/17/2017 1:01	135198
Anthracene	NELAP	0.00010		ND	mg/L	1	10/17/2017 1:01	135198
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	10/17/2017 1:01	135198
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	10/17/2017 1:01	135198
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/17/2017 1:01	135198
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	10/17/2017 1:01	135198
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/17/2017 1:01	135198
Chrysene	NELAP	0.00010		ND	mg/L	1	10/17/2017 1:01	135198
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	10/17/2017 1:01	135198
Fluoranthene	NELAP	0.00010		ND	mg/L	1	10/17/2017 1:01	135198
Fluorene	NELAP	0.00010		ND	mg/L	1	10/17/2017 1:01	135198
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	10/17/2017 1:01	135198
Naphthalene	NELAP	0.00010		ND	mg/L	1	10/17/2017 1:01	135198
Phenanthrene	NELAP	0.00010		ND	mg/L	1	10/17/2017 1:01	135198
Pyrene	NELAP	0.00010		ND	mg/L	1	10/17/2017 1:01	135198
Surr: 2-Fluorobiphenyl		13.8-99.2		76.8	%REC	1	10/17/2017 1:01	135198
Surr: Nitrobenzene-d5		15.3-96.2		69.6	%REC	1	10/17/2017 1:01	135198
Surr: p-Terphenyl-d14		10-109		80.6	%REC	1	10/17/2017 1:01	135198
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	10/16/2017 16:43	135214
Ethylbenzene	NELAP	5.0		ND	µg/L	1	10/16/2017 16:43	135214
Toluene	NELAP	5.0		ND	µg/L	1	10/16/2017 16:43	135214
Xylenes, Total	NELAP	5.0		ND	µg/L	1	10/16/2017 16:43	135214
Surr: 1,2-Dichloroethane-d4		79.6-118		91.8	%REC	1	10/16/2017 16:43	135214
Surr: 4-Bromofluorobenzene		83.9-115		91.7	%REC	1	10/16/2017 16:43	135214
Surr: Dibromofluoromethane		84.9-113		98.2	%REC	1	10/16/2017 16:43	135214
Surr: Toluene-d8		86.7-112		98.6	%REC	1	10/16/2017 16:43	135214



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 17100875

Client Project: Champaign FMGP Q3 2017 Groundwater

Report Date: 23-Oct-17

Lab ID: 17100875-013

Client Sample ID: UMW-116

Matrix: GROUNDWATER

Collection Date: 10/11/2017 12:59

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		< 0.005	mg/L	1	10/19/2017 18:48	135332
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	10/18/2017 10:08	135198
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	10/18/2017 10:08	135198
Anthracene	NELAP	0.00010		ND	mg/L	1	10/18/2017 10:08	135198
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	10/18/2017 10:08	135198
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	10/18/2017 10:08	135198
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/18/2017 10:08	135198
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	10/18/2017 10:08	135198
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/18/2017 10:08	135198
Chrysene	NELAP	0.00010		ND	mg/L	1	10/18/2017 10:08	135198
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	10/18/2017 10:08	135198
Fluoranthene	NELAP	0.00010		ND	mg/L	1	10/18/2017 10:08	135198
Fluorene	NELAP	0.00010		ND	mg/L	1	10/18/2017 10:08	135198
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	10/18/2017 10:08	135198
Naphthalene	NELAP	0.00010		ND	mg/L	1	10/18/2017 10:08	135198
Phenanthrene	NELAP	0.00010		ND	mg/L	1	10/18/2017 10:08	135198
Pyrene	NELAP	0.00010		ND	mg/L	1	10/18/2017 10:08	135198
Surr: 2-Fluorobiphenyl		13.8-99.2		60.8	%REC	1	10/18/2017 10:08	135198
Surr: Nitrobenzene-d5		15.3-96.2		87.0	%REC	1	10/18/2017 10:08	135198
Surr: p-Terphenyl-d14		10-109		70.8	%REC	1	10/18/2017 10:08	135198
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	10/16/2017 17:09	135214
Ethylbenzene	NELAP	5.0		ND	µg/L	1	10/16/2017 17:09	135214
Toluene	NELAP	5.0		ND	µg/L	1	10/16/2017 17:09	135214
Xylenes, Total	NELAP	5.0		ND	µg/L	1	10/16/2017 17:09	135214
Surr: 1,2-Dichloroethane-d4		79.6-118		91.1	%REC	1	10/16/2017 17:09	135214
Surr: 4-Bromofluorobenzene		83.9-115		92.3	%REC	1	10/16/2017 17:09	135214
Surr: Dibromofluoromethane		84.9-113		98.0	%REC	1	10/16/2017 17:09	135214
Surr: Toluene-d8		86.7-112		99.2	%REC	1	10/16/2017 17:09	135214



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 17100875

Client Project: Champaign FMGP Q3 2017 Groundwater

Report Date: 23-Oct-17

Lab ID: 17100875-014

Client Sample ID: UMW-106R

Matrix: GROUNDWATER

Collection Date: 10/11/2017 14:05

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		0.038	mg/L	1	10/19/2017 18:53	135332
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	10/18/2017 10:45	135198
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	10/18/2017 10:45	135198
Anthracene	NELAP	0.00010		ND	mg/L	1	10/18/2017 10:45	135198
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	10/18/2017 10:45	135198
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	10/18/2017 10:45	135198
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/18/2017 10:45	135198
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	10/18/2017 10:45	135198
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/18/2017 10:45	135198
Chrysene	NELAP	0.00010		ND	mg/L	1	10/18/2017 10:45	135198
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	10/18/2017 10:45	135198
Fluoranthene	NELAP	0.00010		ND	mg/L	1	10/18/2017 10:45	135198
Fluorene	NELAP	0.00010		ND	mg/L	1	10/18/2017 10:45	135198
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	10/18/2017 10:45	135198
Naphthalene	NELAP	0.00010		ND	mg/L	1	10/18/2017 10:45	135198
Phenanthrene	NELAP	0.00010		ND	mg/L	1	10/18/2017 10:45	135198
Pyrene	NELAP	0.00010		ND	mg/L	1	10/18/2017 10:45	135198
Surr: 2-Fluorobiphenyl		13.8-99.2		62.8	%REC	1	10/18/2017 10:45	135198
Surr: Nitrobenzene-d5		15.3-96.2		87.4	%REC	1	10/18/2017 10:45	135198
Surr: p-Terphenyl-d14		10-109		70.6	%REC	1	10/18/2017 10:45	135198
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	10/16/2017 17:35	135214
Ethylbenzene	NELAP	5.0		ND	µg/L	1	10/16/2017 17:35	135214
Toluene	NELAP	5.0		ND	µg/L	1	10/16/2017 17:35	135214
Xylenes, Total	NELAP	5.0		ND	µg/L	1	10/16/2017 17:35	135214
Surr: 1,2-Dichloroethane-d4		79.6-118		92.4	%REC	1	10/16/2017 17:35	135214
Surr: 4-Bromofluorobenzene		83.9-115		90.8	%REC	1	10/16/2017 17:35	135214
Surr: Dibromofluoromethane		84.9-113		97.2	%REC	1	10/16/2017 17:35	135214
Surr: Toluene-d8		86.7-112		97.5	%REC	1	10/16/2017 17:35	135214



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 17100875

Client Project: Champaign FMGP Q3 2017 Groundwater

Report Date: 23-Oct-17

Lab ID: 17100875-015

Client Sample ID: UMW-123

Matrix: GROUNDWATER

Collection Date: 10/11/2017 15:05

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		< 0.005	mg/L	1	10/19/2017 18:57	135332
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	10/18/2017 11:20	135198
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	10/18/2017 11:20	135198
Anthracene	NELAP	0.00010		ND	mg/L	1	10/18/2017 11:20	135198
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	10/18/2017 11:20	135198
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	10/18/2017 11:20	135198
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/18/2017 11:20	135198
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	10/18/2017 11:20	135198
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/18/2017 11:20	135198
Chrysene	NELAP	0.00010		ND	mg/L	1	10/18/2017 11:20	135198
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	10/18/2017 11:20	135198
Fluoranthene	NELAP	0.00010		ND	mg/L	1	10/18/2017 11:20	135198
Fluorene	NELAP	0.00010		ND	mg/L	1	10/18/2017 11:20	135198
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	10/18/2017 11:20	135198
Naphthalene	NELAP	0.00010		ND	mg/L	1	10/18/2017 11:20	135198
Phenanthrene	NELAP	0.00010		ND	mg/L	1	10/18/2017 11:20	135198
Pyrene	NELAP	0.00010		ND	mg/L	1	10/18/2017 11:20	135198
Surr: 2-Fluorobiphenyl		13.8-99.2		66.4	%REC	1	10/18/2017 11:20	135198
Surr: Nitrobenzene-d5		15.3-96.2		82.6	%REC	1	10/18/2017 11:20	135198
Surr: p-Terphenyl-d14		10-109		68.8	%REC	1	10/18/2017 11:20	135198
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	10/16/2017 18:00	135214
Ethylbenzene	NELAP	5.0		ND	µg/L	1	10/16/2017 18:00	135214
Toluene	NELAP	5.0		ND	µg/L	1	10/16/2017 18:00	135214
Xylenes, Total	NELAP	5.0		ND	µg/L	1	10/16/2017 18:00	135214
Surr: 1,2-Dichloroethane-d4		79.6-118		90.4	%REC	1	10/16/2017 18:00	135214
Surr: 4-Bromofluorobenzene		83.9-115		91.4	%REC	1	10/16/2017 18:00	135214
Surr: Dibromofluoromethane		84.9-113		98.2	%REC	1	10/16/2017 18:00	135214
Surr: Toluene-d8		86.7-112		97.7	%REC	1	10/16/2017 18:00	135214



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 17100875

Client Project: Champaign FMGP Q3 2017 Groundwater

Report Date: 23-Oct-17

Lab ID: 17100875-016

Client Sample ID: UMW-307

Matrix: GROUNDWATER

Collection Date: 10/11/2017 16:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		0.027	mg/L	1	10/19/2017 19:23	135332
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	10/18/2017 15:25	135198
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	10/18/2017 15:25	135198
Anthracene	NELAP	0.00010		ND	mg/L	1	10/18/2017 15:25	135198
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	10/18/2017 15:25	135198
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	10/18/2017 15:25	135198
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/18/2017 15:25	135198
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	10/18/2017 15:25	135198
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/18/2017 15:25	135198
Chrysene	NELAP	0.00010		ND	mg/L	1	10/18/2017 15:25	135198
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	10/18/2017 15:25	135198
Fluoranthene	NELAP	0.00010		ND	mg/L	1	10/18/2017 15:25	135198
Fluorene	NELAP	0.00010		ND	mg/L	1	10/18/2017 15:25	135198
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	10/18/2017 15:25	135198
Naphthalene	NELAP	0.00010		ND	mg/L	1	10/18/2017 15:25	135198
Phenanthrene	NELAP	0.00010		ND	mg/L	1	10/18/2017 15:25	135198
Pyrene	NELAP	0.00010		ND	mg/L	1	10/18/2017 15:25	135198
Surr: 2-Fluorobiphenyl		13.8-99.2		60.2	%REC	1	10/18/2017 15:25	135198
Surr: Nitrobenzene-d5		15.3-96.2		53.8	%REC	1	10/18/2017 15:25	135198
Surr: p-Terphenyl-d14		10-109		59.6	%REC	1	10/18/2017 15:25	135198
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	10/17/2017 11:22	135270
Ethylbenzene	NELAP	5.0		ND	µg/L	1	10/17/2017 11:22	135270
Toluene	NELAP	5.0		ND	µg/L	1	10/17/2017 11:22	135270
Xylenes, Total	NELAP	5.0		ND	µg/L	1	10/17/2017 11:22	135270
Surr: 1,2-Dichloroethane-d4		79.6-118		92.8	%REC	1	10/17/2017 11:22	135270
Surr: 4-Bromofluorobenzene		83.9-115		91.9	%REC	1	10/17/2017 11:22	135270
Surr: Dibromofluoromethane		84.9-113		97.1	%REC	1	10/17/2017 11:22	135270
Surr: Toluene-d8		86.7-112		98.8	%REC	1	10/17/2017 11:22	135270



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 17100875

Client Project: Champaign FMGP Q3 2017 Groundwater

Report Date: 23-Oct-17

Lab ID: 17100875-017

Client Sample ID: UMW-306

Matrix: GROUNDWATER

Collection Date: 10/11/2017 17:13

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		0.033	mg/L	1	10/19/2017 19:27	135332
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	10/18/2017 16:00	135198
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	10/18/2017 16:00	135198
Anthracene	NELAP	0.00010		ND	mg/L	1	10/18/2017 16:00	135198
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	10/18/2017 16:00	135198
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	10/18/2017 16:00	135198
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/18/2017 16:00	135198
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	10/18/2017 16:00	135198
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/18/2017 16:00	135198
Chrysene	NELAP	0.00010		ND	mg/L	1	10/18/2017 16:00	135198
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	10/18/2017 16:00	135198
Fluoranthene	NELAP	0.00010		ND	mg/L	1	10/18/2017 16:00	135198
Fluorene	NELAP	0.00010		ND	mg/L	1	10/18/2017 16:00	135198
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	10/18/2017 16:00	135198
Naphthalene	NELAP	0.00010		ND	mg/L	1	10/18/2017 16:00	135198
Phenanthrene	NELAP	0.00010		ND	mg/L	1	10/18/2017 16:00	135198
Pyrene	NELAP	0.00010		ND	mg/L	1	10/18/2017 16:00	135198
Surr: 2-Fluorobiphenyl		13.8-99.2		56.6	%REC	1	10/18/2017 16:00	135198
Surr: Nitrobenzene-d5		15.3-96.2		56.2	%REC	1	10/18/2017 16:00	135198
Surr: p-Terphenyl-d14		10-109		65.2	%REC	1	10/18/2017 16:00	135198
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	10/17/2017 11:47	135270
Ethylbenzene	NELAP	5.0		ND	µg/L	1	10/17/2017 11:47	135270
Toluene	NELAP	5.0		ND	µg/L	1	10/17/2017 11:47	135270
Xylenes, Total	NELAP	5.0		ND	µg/L	1	10/17/2017 11:47	135270
Surr: 1,2-Dichloroethane-d4		79.6-118		91.5	%REC	1	10/17/2017 11:47	135270
Surr: 4-Bromofluorobenzene		83.9-115		92.9	%REC	1	10/17/2017 11:47	135270
Surr: Dibromofluoromethane		84.9-113		98.3	%REC	1	10/17/2017 11:47	135270
Surr: Toluene-d8		86.7-112		98.3	%REC	1	10/17/2017 11:47	135270



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 17100875

Client Project: Champaign FMGP Q3 2017 Groundwater

Report Date: 23-Oct-17

Lab ID: 17100875-018

Client Sample ID: UMW-105

Matrix: GROUNDWATER

Collection Date: 10/12/2017 8:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.010		0.056	mg/L	2	10/20/2017 12:43	135332
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	10/17/2017 16:09	135198
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	10/17/2017 16:09	135198
Anthracene	NELAP	0.00010		ND	mg/L	1	10/17/2017 16:09	135198
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	10/17/2017 16:09	135198
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	10/17/2017 16:09	135198
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/17/2017 16:09	135198
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	10/17/2017 16:09	135198
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/17/2017 16:09	135198
Chrysene	NELAP	0.00010		ND	mg/L	1	10/17/2017 16:09	135198
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	10/17/2017 16:09	135198
Fluoranthene	NELAP	0.00010		ND	mg/L	1	10/17/2017 16:09	135198
Fluorene	NELAP	0.00010		ND	mg/L	1	10/17/2017 16:09	135198
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	10/17/2017 16:09	135198
Naphthalene	NELAP	0.00010		ND	mg/L	1	10/17/2017 16:09	135198
Phenanthrene	NELAP	0.00010		ND	mg/L	1	10/17/2017 16:09	135198
Pyrene	NELAP	0.00010		ND	mg/L	1	10/17/2017 16:09	135198
Surr: 2-Fluorobiphenyl		13.8-99.2		54.8	%REC	1	10/17/2017 16:09	135198
Surr: Nitrobenzene-d5		15.3-96.2		38.6	%REC	1	10/17/2017 16:09	135198
Surr: p-Terphenyl-d14		10-109		63.4	%REC	1	10/17/2017 16:09	135198
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	10/17/2017 12:13	135270
Ethylbenzene	NELAP	5.0		ND	µg/L	1	10/17/2017 12:13	135270
Toluene	NELAP	5.0		ND	µg/L	1	10/17/2017 12:13	135270
Xylenes, Total	NELAP	5.0		ND	µg/L	1	10/17/2017 12:13	135270
Surr: 1,2-Dichloroethane-d4		79.6-118		92.4	%REC	1	10/17/2017 12:13	135270
Surr: 4-Bromofluorobenzene		83.9-115		93.3	%REC	1	10/17/2017 12:13	135270
Surr: Dibromofluoromethane		84.9-113		97.9	%REC	1	10/17/2017 12:13	135270
Surr: Toluene-d8		86.7-112		99.4	%REC	1	10/17/2017 12:13	135270



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 17100875

Client Project: Champaign FMGP Q3 2017 Groundwater

Report Date: 23-Oct-17

Lab ID: 17100875-019

Client Sample ID: UMW-121

Matrix: GROUNDWATER

Collection Date: 10/12/2017 9:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.050		0.166	mg/L	10	10/20/2017 12:47	135332
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	10/17/2017 16:39	135198
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	10/17/2017 16:39	135198
Anthracene	NELAP	0.00010		ND	mg/L	1	10/17/2017 16:39	135198
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	10/17/2017 16:39	135198
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	10/17/2017 16:39	135198
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/17/2017 16:39	135198
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	10/17/2017 16:39	135198
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/17/2017 16:39	135198
Chrysene	NELAP	0.00010		ND	mg/L	1	10/17/2017 16:39	135198
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	10/17/2017 16:39	135198
Fluoranthene	NELAP	0.00010		ND	mg/L	1	10/17/2017 16:39	135198
Fluorene	NELAP	0.00010		ND	mg/L	1	10/17/2017 16:39	135198
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	10/17/2017 16:39	135198
Naphthalene	NELAP	0.00010		ND	mg/L	1	10/17/2017 16:39	135198
Phenanthrene	NELAP	0.00010		ND	mg/L	1	10/17/2017 16:39	135198
Pyrene	NELAP	0.00010		ND	mg/L	1	10/17/2017 16:39	135198
Surr: 2-Fluorobiphenyl		13.8-99.2		68.0	%REC	1	10/17/2017 16:39	135198
Surr: Nitrobenzene-d5		15.3-96.2		48.2	%REC	1	10/17/2017 16:39	135198
Surr: p-Terphenyl-d14		10-109		58.8	%REC	1	10/17/2017 16:39	135198
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	10/17/2017 12:38	135270
Ethylbenzene	NELAP	5.0		ND	µg/L	1	10/17/2017 12:38	135270
Toluene	NELAP	5.0		ND	µg/L	1	10/17/2017 12:38	135270
Xylenes, Total	NELAP	5.0		ND	µg/L	1	10/17/2017 12:38	135270
Surr: 1,2-Dichloroethane-d4		79.6-118		93.1	%REC	1	10/17/2017 12:38	135270
Surr: 4-Bromofluorobenzene		83.9-115		92.8	%REC	1	10/17/2017 12:38	135270
Surr: Dibromofluoromethane		84.9-113		99.2	%REC	1	10/17/2017 12:38	135270
Surr: Toluene-d8		86.7-112		100.4	%REC	1	10/17/2017 12:38	135270

Client: PSC Industrial Outsourcing, LP

Work Order: 17100875

Client Project: Champaign FMGP Q3 2017 Groundwater

Report Date: 23-Oct-17

Lab ID: 17100875-020

Client Sample ID: UMW-302

Matrix: GROUNDWATER

Collection Date: 10/12/2017 10:37

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.050		0.117	mg/L	10	10/20/2017 14:54	135332
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		0.00011	mg/L	1	10/19/2017 20:48	135273
Acenaphthylene	NELAP	0.00010		0.00051	mg/L	1	10/19/2017 20:48	135273
Anthracene	NELAP	0.00010		ND	mg/L	1	10/19/2017 20:48	135273
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	10/19/2017 20:48	135273
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	10/19/2017 20:48	135273
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/19/2017 20:48	135273
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	10/19/2017 20:48	135273
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/19/2017 20:48	135273
Chrysene	NELAP	0.00010		ND	mg/L	1	10/19/2017 20:48	135273
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	10/19/2017 20:48	135273
Fluoranthene	NELAP	0.00010		ND	mg/L	1	10/19/2017 20:48	135273
Fluorene	NELAP	0.00010		ND	mg/L	1	10/19/2017 20:48	135273
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	10/19/2017 20:48	135273
Naphthalene	NELAP	0.0200		2.29	mg/L	200	10/20/2017 12:16	135273
Phenanthrene	NELAP	0.00010		ND	mg/L	1	10/19/2017 20:48	135273
Pyrene	NELAP	0.00010		ND	mg/L	1	10/19/2017 20:48	135273
Surr: 2-Fluorobiphenyl		13.8-99.2		83.8	%REC	1	10/19/2017 20:48	135273
Surr: Nitrobenzene-d5		15.3-96.2	S	112.4	%REC	1	10/19/2017 20:48	135273
Surr: p-Terphenyl-d14		10-109		81.0	%REC	1	10/19/2017 20:48	135273

Surrogate recovery is outside QC limits due to matrix interference.

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

Benzene	NELAP	20.0		348	µg/L	10	10/17/2017 13:04	135270
Ethylbenzene	NELAP	50.0		628	µg/L	10	10/17/2017 13:04	135270
Toluene	NELAP	50.0		ND	µg/L	10	10/17/2017 13:04	135270
Xylenes, Total	NELAP	50.0		133	µg/L	10	10/17/2017 13:04	135270
Surr: 1,2-Dichloroethane-d4		79.6-118		93.0	%REC	10	10/17/2017 13:04	135270
Surr: 4-Bromofluorobenzene		83.9-115		91.4	%REC	10	10/17/2017 13:04	135270
Surr: Dibromofluoromethane		84.9-113		96.3	%REC	10	10/17/2017 13:04	135270
Surr: Toluene-d8		86.7-112		99.5	%REC	10	10/17/2017 13:04	135270

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: 17100875

Client Project: Champaign FMGP Q3 2017 Groundwater

Report Date: 23-Oct-17

Lab ID: 17100875-021

Client Sample ID: UMW-902

Matrix: GROUNDWATER

Collection Date: 10/12/2017 0:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.050		0.110	mg/L	10	10/20/2017 14:58	135332
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		0.00010	mg/L	1	10/19/2017 21:23	135273
Acenaphthylene	NELAP	0.00010		0.00047	mg/L	1	10/19/2017 21:23	135273
Anthracene	NELAP	0.00010		ND	mg/L	1	10/19/2017 21:23	135273
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	10/19/2017 21:23	135273
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	10/19/2017 21:23	135273
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/19/2017 21:23	135273
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	10/19/2017 21:23	135273
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/19/2017 21:23	135273
Chrysene	NELAP	0.00010		ND	mg/L	1	10/19/2017 21:23	135273
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	10/19/2017 21:23	135273
Fluoranthene	NELAP	0.00010		ND	mg/L	1	10/19/2017 21:23	135273
Fluorene	NELAP	0.00010		ND	mg/L	1	10/19/2017 21:23	135273
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	10/19/2017 21:23	135273
Naphthalene	NELAP	0.0200		2.06	mg/L	200	10/20/2017 12:51	135273
Phenanthrene	NELAP	0.00010		ND	mg/L	1	10/19/2017 21:23	135273
Pyrene	NELAP	0.00010		ND	mg/L	1	10/19/2017 21:23	135273
Surr: 2-Fluorobiphenyl		13.8-99.2		78.8	%REC	1	10/19/2017 21:23	135273
Surr: Nitrobenzene-d5		15.3-96.2		95.0	%REC	1	10/19/2017 21:23	135273
Surr: p-Terphenyl-d14		10-109		85.6	%REC	1	10/19/2017 21:23	135273
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	20.0		370	µg/L	10	10/18/2017 10:35	135323
Ethylbenzene	NELAP	50.0		692	µg/L	10	10/18/2017 10:35	135323
Toluene	NELAP	50.0		ND	µg/L	10	10/18/2017 10:35	135323
Xylenes, Total	NELAP	50.0		153	µg/L	10	10/18/2017 10:35	135323
Surr: 1,2-Dichloroethane-d4		79.6-118		94.0	%REC	10	10/18/2017 10:35	135323
Surr: 4-Bromofluorobenzene		83.9-115		93.1	%REC	10	10/18/2017 10:35	135323
Surr: Dibromofluoromethane		84.9-113		94.4	%REC	10	10/18/2017 10:35	135323
Surr: Toluene-d8		86.7-112		99.1	%REC	10	10/18/2017 10:35	135323

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



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 17100875

Client Project: Champaign FMGP Q3 2017 Groundwater

Report Date: 23-Oct-17

Lab ID: 17100875-022

Client Sample ID: UMW-305

Matrix: GROUNDWATER

Collection Date: 10/12/2017 11:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		0.009	mg/L	1	10/19/2017 19:53	135332
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	10/20/2017 13:26	135273
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	10/20/2017 13:26	135273
Anthracene	NELAP	0.00010		ND	mg/L	1	10/20/2017 13:26	135273
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	10/20/2017 13:26	135273
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	10/20/2017 13:26	135273
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/20/2017 13:26	135273
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	10/20/2017 13:26	135273
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/20/2017 13:26	135273
Chrysene	NELAP	0.00010		ND	mg/L	1	10/20/2017 13:26	135273
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	10/20/2017 13:26	135273
Fluoranthene	NELAP	0.00010		ND	mg/L	1	10/20/2017 13:26	135273
Fluorene	NELAP	0.00010		ND	mg/L	1	10/20/2017 13:26	135273
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	10/20/2017 13:26	135273
Naphthalene	NELAP	0.00010		0.00043	mg/L	1	10/20/2017 13:26	135273
Phenanthrene	NELAP	0.00010		ND	mg/L	1	10/20/2017 13:26	135273
Pyrene	NELAP	0.00010		ND	mg/L	1	10/20/2017 13:26	135273
Surr: 2-Fluorobiphenyl		13.8-99.2		67.2	%REC	1	10/20/2017 13:26	135273
Surr: Nitrobenzene-d5		15.3-96.2		63.6	%REC	1	10/20/2017 13:26	135273
Surr: p-Terphenyl-d14		10-109		80.0	%REC	1	10/20/2017 13:26	135273
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	10/17/2017 13:55	135270
Ethylbenzene	NELAP	5.0		ND	µg/L	1	10/17/2017 13:55	135270
Toluene	NELAP	5.0		ND	µg/L	1	10/17/2017 13:55	135270
Xylenes, Total	NELAP	5.0		ND	µg/L	1	10/17/2017 13:55	135270
Surr: 1,2-Dichloroethane-d4		79.6-118		92.1	%REC	1	10/17/2017 13:55	135270
Surr: 4-Bromofluorobenzene		83.9-115		94.2	%REC	1	10/17/2017 13:55	135270
Surr: Dibromofluoromethane		84.9-113		96.7	%REC	1	10/17/2017 13:55	135270
Surr: Toluene-d8		86.7-112		99.3	%REC	1	10/17/2017 13:55	135270



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 17100875

Client Project: Champaign FMGP Q3 2017 Groundwater

Report Date: 23-Oct-17

Lab ID: 17100875-023

Client Sample ID: UMW-125

Matrix: GROUNDWATER

Collection Date: 10/12/2017 12:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		0.028	mg/L	1	10/19/2017 19:58	135332
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		0.00013	mg/L	1	10/20/2017 14:02	135273
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	10/20/2017 14:02	135273
Anthracene	NELAP	0.00010		ND	mg/L	1	10/20/2017 14:02	135273
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	10/20/2017 14:02	135273
Benzo(a)pyrene	NELAP	0.00010	J	0.00008	mg/L	1	10/20/2017 14:02	135273
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/20/2017 14:02	135273
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	10/20/2017 14:02	135273
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/20/2017 14:02	135273
Chrysene	NELAP	0.00010		ND	mg/L	1	10/20/2017 14:02	135273
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	10/20/2017 14:02	135273
Fluoranthene	NELAP	0.00010		ND	mg/L	1	10/20/2017 14:02	135273
Fluorene	NELAP	0.00010		ND	mg/L	1	10/20/2017 14:02	135273
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	10/20/2017 14:02	135273
Naphthalene	NELAP	0.00010		0.00319	mg/L	1	10/20/2017 14:02	135273
Phenanthrene	NELAP	0.00010		0.00031	mg/L	1	10/20/2017 14:02	135273
Pyrene	NELAP	0.00010		ND	mg/L	1	10/20/2017 14:02	135273
Surr: 2-Fluorobiphenyl		13.8-99.2		63.4	%REC	1	10/20/2017 14:02	135273
Surr: Nitrobenzene-d5		15.3-96.2		57.4	%REC	1	10/20/2017 14:02	135273
Surr: p-Terphenyl-d14		10-109		75.6	%REC	1	10/20/2017 14:02	135273
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		43.2	µg/L	1	10/18/2017 11:01	135323
Ethylbenzene	NELAP	5.0	J	1.3	µg/L	1	10/18/2017 11:01	135323
Toluene	NELAP	5.0	J	2.0	µg/L	1	10/18/2017 11:01	135323
Xylenes, Total	NELAP	5.0	J	1.4	µg/L	1	10/18/2017 11:01	135323
Surr: 1,2-Dichloroethane-d4		79.6-118		91.8	%REC	1	10/18/2017 11:01	135323
Surr: 4-Bromofluorobenzene		83.9-115		92.8	%REC	1	10/18/2017 11:01	135323
Surr: Dibromofluoromethane		84.9-113		92.7	%REC	1	10/18/2017 11:01	135323
Surr: Toluene-d8		86.7-112		99.0	%REC	1	10/18/2017 11:01	135323



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 17100875

Client Project: Champaign FMGP Q3 2017 Groundwater

Report Date: 23-Oct-17

Lab ID: 17100875-024

Client Sample ID: UMW-304R

Matrix: GROUNDWATER

Collection Date: 10/12/2017 13:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		0.007	mg/L	1	10/19/2017 17:08	135332
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		0.00071	mg/L	1	10/20/2017 14:37	135273
Acenaphthylene	NELAP	0.00010		0.00140	mg/L	1	10/20/2017 14:37	135273
Anthracene	NELAP	0.00010		ND	mg/L	1	10/20/2017 14:37	135273
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	10/20/2017 14:37	135273
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	10/20/2017 14:37	135273
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/20/2017 14:37	135273
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	10/20/2017 14:37	135273
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/20/2017 14:37	135273
Chrysene	NELAP	0.00010		ND	mg/L	1	10/20/2017 14:37	135273
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	10/20/2017 14:37	135273
Fluoranthene	NELAP	0.00010		ND	mg/L	1	10/20/2017 14:37	135273
Fluorene	NELAP	0.00010		ND	mg/L	1	10/20/2017 14:37	135273
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	10/20/2017 14:37	135273
Naphthalene	NELAP	0.00010		ND	mg/L	1	10/20/2017 14:37	135273
Phenanthrene	NELAP	0.00010		ND	mg/L	1	10/20/2017 14:37	135273
Pyrene	NELAP	0.00010		ND	mg/L	1	10/20/2017 14:37	135273
Surr: 2-Fluorobiphenyl		13.8-99.2		60.0	%REC	1	10/20/2017 14:37	135273
Surr: Nitrobenzene-d5		15.3-96.2		81.8	%REC	1	10/20/2017 14:37	135273
Surr: p-Terphenyl-d14		10-109		73.6	%REC	1	10/20/2017 14:37	135273
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	10/17/2017 14:46	135270
Ethylbenzene	NELAP	5.0		ND	µg/L	1	10/17/2017 14:46	135270
Toluene	NELAP	5.0		ND	µg/L	1	10/17/2017 14:46	135270
Xylenes, Total	NELAP	5.0		ND	µg/L	1	10/17/2017 14:46	135270
Surr: 1,2-Dichloroethane-d4		79.6-118		90.3	%REC	1	10/17/2017 14:46	135270
Surr: 4-Bromofluorobenzene		83.9-115		94.6	%REC	1	10/17/2017 14:46	135270
Surr: Dibromofluoromethane		84.9-113		94.2	%REC	1	10/17/2017 14:46	135270
Surr: Toluene-d8		86.7-112		100.4	%REC	1	10/17/2017 14:46	135270



Laboratory Results

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Client: PSC Industrial Outsourcing, LP

Work Order: 17100875

Client Project: Champaign FMGP Q3 2017 Groundwater

Report Date: 23-Oct-17

Lab ID: 17100875-025

Client Sample ID: UMW-127

Matrix: GROUNDWATER

Collection Date: 10/12/2017 14:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		< 0.005	mg/L	1	10/19/2017 17:12	135332
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		0.00014	mg/L	1	10/20/2017 15:13	135273
Acenaphthylene	NELAP	0.00010		0.00247	mg/L	1	10/20/2017 15:13	135273
Anthracene	NELAP	0.00010		ND	mg/L	1	10/20/2017 15:13	135273
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	10/20/2017 15:13	135273
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	10/20/2017 15:13	135273
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/20/2017 15:13	135273
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	10/20/2017 15:13	135273
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/20/2017 15:13	135273
Chrysene	NELAP	0.00010		ND	mg/L	1	10/20/2017 15:13	135273
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	10/20/2017 15:13	135273
Fluoranthene	NELAP	0.00010		ND	mg/L	1	10/20/2017 15:13	135273
Fluorene	NELAP	0.00010		0.00016	mg/L	1	10/20/2017 15:13	135273
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	10/20/2017 15:13	135273
Naphthalene	NELAP	0.00010		0.00184	mg/L	1	10/20/2017 15:13	135273
Phenanthrene	NELAP	0.00010		0.00040	mg/L	1	10/20/2017 15:13	135273
Pyrene	NELAP	0.00010		ND	mg/L	1	10/20/2017 15:13	135273
Surr: 2-Fluorobiphenyl		13.8-99.2		57.0	%REC	1	10/20/2017 15:13	135273
Surr: Nitrobenzene-d5		15.3-96.2		87.8	%REC	1	10/20/2017 15:13	135273
Surr: p-Terphenyl-d14		10-109		63.2	%REC	1	10/20/2017 15:13	135273
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		4.9	µg/L	1	10/17/2017 15:12	135270
Ethylbenzene	NELAP	5.0		ND	µg/L	1	10/17/2017 15:12	135270
Toluene	NELAP	5.0		ND	µg/L	1	10/17/2017 15:12	135270
Xylenes, Total	NELAP	5.0		ND	µg/L	1	10/17/2017 15:12	135270
Surr: 1,2-Dichloroethane-d4		79.6-118		90.0	%REC	1	10/17/2017 15:12	135270
Surr: 4-Bromofluorobenzene		83.9-115		91.2	%REC	1	10/17/2017 15:12	135270
Surr: Dibromofluoromethane		84.9-113		96.2	%REC	1	10/17/2017 15:12	135270
Surr: Toluene-d8		86.7-112		100.3	%REC	1	10/17/2017 15:12	135270



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 17100875

Client Project: Champaign FMGP Q3 2017 Groundwater

Report Date: 23-Oct-17

Lab ID: 17100875-026

Client Sample ID: UMW-301R

Matrix: GROUNDWATER

Collection Date: 10/12/2017 15:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		< 0.005	mg/L	1	10/19/2017 17:16	135353
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		0.00241	mg/L	1	10/17/2017 17:10	135198
Acenaphthylene	NELAP	0.00010		0.00277	mg/L	1	10/17/2017 17:10	135198
Anthracene	NELAP	0.00010		ND	mg/L	1	10/17/2017 17:10	135198
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	10/17/2017 17:10	135198
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	10/17/2017 17:10	135198
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/17/2017 17:10	135198
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	10/17/2017 17:10	135198
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/17/2017 17:10	135198
Chrysene	NELAP	0.00010		ND	mg/L	1	10/17/2017 17:10	135198
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	10/17/2017 17:10	135198
Fluoranthene	NELAP	0.00010		ND	mg/L	1	10/17/2017 17:10	135198
Fluorene	NELAP	0.00010		0.00012	mg/L	1	10/17/2017 17:10	135198
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	10/17/2017 17:10	135198
Naphthalene	NELAP	0.00010		ND	mg/L	1	10/17/2017 17:10	135198
Phenanthrene	NELAP	0.00010		ND	mg/L	1	10/17/2017 17:10	135198
Pyrene	NELAP	0.00010		ND	mg/L	1	10/17/2017 17:10	135198
Surr: 2-Fluorobiphenyl		13.8-99.2		72.2	%REC	1	10/17/2017 17:10	135198
Surr: Nitrobenzene-d5		15.3-96.2		52.8	%REC	1	10/17/2017 17:10	135198
Surr: p-Terphenyl-d14		10-109		68.0	%REC	1	10/17/2017 17:10	135198
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	10/17/2017 15:37	135270
Ethylbenzene	NELAP	5.0		ND	µg/L	1	10/17/2017 15:37	135270
Toluene	NELAP	5.0		ND	µg/L	1	10/17/2017 15:37	135270
Xylenes, Total	NELAP	5.0		ND	µg/L	1	10/17/2017 15:37	135270
Surr: 1,2-Dichloroethane-d4		79.6-118		91.7	%REC	1	10/17/2017 15:37	135270
Surr: 4-Bromofluorobenzene		83.9-115		90.8	%REC	1	10/17/2017 15:37	135270
Surr: Dibromofluoromethane		84.9-113		95.8	%REC	1	10/17/2017 15:37	135270
Surr: Toluene-d8		86.7-112		98.8	%REC	1	10/17/2017 15:37	135270

Client: PSC Industrial Outsourcing, LP
 Client Project: Champaign FMGP Q3 2017 Groundwater
 Lab ID: 17100875-027
 Matrix: GROUNDWATER

Work Order: 17100875
 Report Date: 23-Oct-17

Client Sample ID: UMW-126

Collection Date: 10/12/2017 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	10/19/2017 17:38	135353
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	10/20/2017 15:48	135273
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	10/20/2017 15:48	135273
Anthracene	NELAP	0.00010		ND	mg/L	1	10/20/2017 15:48	135273
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	10/20/2017 15:48	135273
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	10/20/2017 15:48	135273
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/20/2017 15:48	135273
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	10/20/2017 15:48	135273
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/20/2017 15:48	135273
Chrysene	NELAP	0.00010		ND	mg/L	1	10/20/2017 15:48	135273
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	10/20/2017 15:48	135273
Fluoranthene	NELAP	0.00010		ND	mg/L	1	10/20/2017 15:48	135273
Fluorene	NELAP	0.00010		ND	mg/L	1	10/20/2017 15:48	135273
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	10/20/2017 15:48	135273
Naphthalene	NELAP	0.00010		ND	mg/L	1	10/20/2017 15:48	135273
Phenanthrene	NELAP	0.00010		ND	mg/L	1	10/20/2017 15:48	135273
Pyrene	NELAP	0.00010		ND	mg/L	1	10/20/2017 15:48	135273
Surr: 2-Fluorobiphenyl		13.8-99.2		66.6	%REC	1	10/20/2017 15:48	135273
Surr: Nitrobenzene-d5		15.3-96.2	S	98.2	%REC	1	10/20/2017 15:48	135273
Surr: p-Terphenyl-d14		10-109		71.8	%REC	1	10/20/2017 15:48	135273
<i>Surrogate recovery is outside QC limits due to matrix interference.</i>								
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		5.2	µg/L	1	10/17/2017 16:56	135270
Ethylbenzene	NELAP	5.0		ND	µg/L	1	10/17/2017 16:56	135270
Toluene	NELAP	5.0		ND	µg/L	1	10/17/2017 16:56	135270
Xylenes, Total	NELAP	5.0		ND	µg/L	1	10/17/2017 16:56	135270
Surr: 1,2-Dichloroethane-d4		79.6-118		91.8	%REC	1	10/17/2017 16:56	135270
Surr: 4-Bromofluorobenzene		83.9-115		90.0	%REC	1	10/17/2017 16:56	135270
Surr: Dibromofluoromethane		84.9-113		97.4	%REC	1	10/17/2017 16:56	135270
Surr: Toluene-d8		86.7-112		100.2	%REC	1	10/17/2017 16:56	135270



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 17100875

Client Project: Champaign FMGP Q3 2017 Groundwater

Report Date: 23-Oct-17

Lab ID: 17100875-028

Client Sample ID: UMW-308

Matrix: GROUNDWATER

Collection Date: 10/13/2017 9:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		0.020	mg/L	1	10/19/2017 17:42	135353
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	10/23/2017 13:58	135273
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	10/23/2017 13:58	135273
Anthracene	NELAP	0.00010		ND	mg/L	1	10/23/2017 13:58	135273
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	10/23/2017 13:58	135273
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	10/23/2017 13:58	135273
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/23/2017 13:58	135273
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	10/23/2017 13:58	135273
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/23/2017 13:58	135273
Chrysene	NELAP	0.00010		ND	mg/L	1	10/23/2017 13:58	135273
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	10/23/2017 13:58	135273
Fluoranthene	NELAP	0.00010		ND	mg/L	1	10/23/2017 13:58	135273
Fluorene	NELAP	0.00010		ND	mg/L	1	10/23/2017 13:58	135273
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	10/23/2017 13:58	135273
Naphthalene	NELAP	0.00010		ND	mg/L	1	10/23/2017 13:58	135273
Phenanthrene	NELAP	0.00010		ND	mg/L	1	10/23/2017 13:58	135273
Pyrene	NELAP	0.00010		ND	mg/L	1	10/23/2017 13:58	135273
Surr: 2-Fluorobiphenyl		13.8-99.2		72.2	%REC	1	10/23/2017 13:58	135273
Surr: Nitrobenzene-d5		15.3-96.2		51.2	%REC	1	10/23/2017 13:58	135273
Surr: p-Terphenyl-d14		10-109		66.4	%REC	1	10/23/2017 13:58	135273
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	10/17/2017 17:23	135270
Ethylbenzene	NELAP	5.0		ND	µg/L	1	10/17/2017 17:23	135270
Toluene	NELAP	5.0		ND	µg/L	1	10/17/2017 17:23	135270
Xylenes, Total	NELAP	5.0		ND	µg/L	1	10/17/2017 17:23	135270
Surr: 1,2-Dichloroethane-d4		79.6-118		91.9	%REC	1	10/17/2017 17:23	135270
Surr: 4-Bromofluorobenzene		83.9-115		92.9	%REC	1	10/17/2017 17:23	135270
Surr: Dibromofluoromethane		84.9-113		97.8	%REC	1	10/17/2017 17:23	135270
Surr: Toluene-d8		86.7-112		98.5	%REC	1	10/17/2017 17:23	135270



Laboratory Results

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Client: PSC Industrial Outsourcing, LP

Work Order: 17100875

Client Project: Champaign FMGP Q3 2017 Groundwater

Report Date: 23-Oct-17

Lab ID: 17100875-029

Client Sample ID: UMW-124

Matrix: GROUNDWATER

Collection Date: 10/13/2017 10:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		0.008	mg/L	1	10/19/2017 17:34	135353
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		0.00038	mg/L	1	10/23/2017 13:28	135273
Acenaphthylene	NELAP	0.00010		0.00019	mg/L	1	10/23/2017 13:28	135273
Anthracene	NELAP	0.00010		ND	mg/L	1	10/23/2017 13:28	135273
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	10/23/2017 13:28	135273
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	10/23/2017 13:28	135273
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/23/2017 13:28	135273
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	10/23/2017 13:28	135273
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	10/23/2017 13:28	135273
Chrysene	NELAP	0.00010		ND	mg/L	1	10/23/2017 13:28	135273
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	10/23/2017 13:28	135273
Fluoranthene	NELAP	0.00010		ND	mg/L	1	10/23/2017 13:28	135273
Fluorene	NELAP	0.00010		0.00017	mg/L	1	10/23/2017 13:28	135273
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	10/23/2017 13:28	135273
Naphthalene	NELAP	0.00010		0.0304	mg/L	1	10/23/2017 13:28	135273
Phenanthrene	NELAP	0.00010		ND	mg/L	1	10/23/2017 13:28	135273
Pyrene	NELAP	0.00010		ND	mg/L	1	10/23/2017 13:28	135273
Surr: 2-Fluorobiphenyl		13.8-99.2		69.8	%REC	1	10/23/2017 13:28	135273
Surr: Nitrobenzene-d5		15.3-96.2		59.0	%REC	1	10/23/2017 13:28	135273
Surr: p-Terphenyl-d14		10-109		70.4	%REC	1	10/23/2017 13:28	135273
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		71.3	µg/L	1	10/17/2017 18:41	135270
Ethylbenzene	NELAP	5.0		6.5	µg/L	1	10/17/2017 18:41	135270
Toluene	NELAP	5.0		27.6	µg/L	1	10/17/2017 18:41	135270
Xylenes, Total	NELAP	5.0		17.1	µg/L	1	10/17/2017 18:41	135270
Surr: 1,2-Dichloroethane-d4		79.6-118		96.8	%REC	1	10/17/2017 18:41	135270
Surr: 4-Bromofluorobenzene		83.9-115		91.5	%REC	1	10/17/2017 18:41	135270
Surr: Dibromofluoromethane		84.9-113		96.8	%REC	1	10/17/2017 18:41	135270
Surr: Toluene-d8		86.7-112		99.5	%REC	1	10/17/2017 18:41	135270



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 17100875

Client Project: Champaign FMGP Q3 2017 Groundwater

Report Date: 23-Oct-17

Lab ID: 17100875-030

Client Sample ID: Trip Blank

Matrix: TRIP BLANK

Collection Date: 10/13/2017 14:25

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	10/18/2017 11:27	135323
Ethylbenzene	NELAP	5.0		ND	µg/L	1	10/18/2017 11:27	135323
Toluene	NELAP	5.0		ND	µg/L	1	10/18/2017 11:27	135323
Xylenes, Total	NELAP	5.0		ND	µg/L	1	10/18/2017 11:27	135323
Surr: 1,2-Dichloroethane-d4		79.6-118		88.4	%REC	1	10/18/2017 11:27	135323
Surr: 4-Bromofluorobenzene		83.9-115		93.1	%REC	1	10/18/2017 11:27	135323
Surr: Dibromofluoromethane		84.9-113		96.9	%REC	1	10/18/2017 11:27	135323
Surr: Toluene-d8		86.7-112		99.0	%REC	1	10/18/2017 11:27	135323

Client: PSC Industrial Outsourcing, LP

Work Order: 17100875

Client Project: Champaign FMGP Q3 2017 Groundwater

Report Date: 23-Oct-17

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
17100875-001	UMW-120	Groundwater	3	10/09/2017 17:00
17100875-002	UMW-119	Groundwater	3	10/11/2017 7:20
17100875-003	UMW-111A	Groundwater	3	10/10/2017 12:45
17100875-004	UMW-300	Groundwater	3	10/10/2017 12:30
17100875-005	UMW-102	Groundwater	3	10/10/2017 13:50
17100875-006	UMW-109	Groundwater	3	10/10/2017 14:50
17100875-007	UMW-118	Groundwater	3	10/10/2017 15:55
17100875-008	UMW-108	Groundwater	3	10/10/2017 17:00
17100875-009	UMW-303	Groundwater	3	10/11/2017 9:20
17100875-010	UMW-107R	Groundwater	3	10/11/2017 10:40
17100875-011	UMW-907R	Groundwater	3	10/11/2017 0:00
17100875-012	UMW-117	Groundwater	3	10/11/2017 11:45
17100875-013	UMW-116	Groundwater	3	10/11/2017 12:59
17100875-014	UMW-106R	Groundwater	3	10/11/2017 14:05
17100875-015	UMW-123	Groundwater	3	10/11/2017 15:05
17100875-016	UMW-307	Groundwater	3	10/11/2017 16:15
17100875-017	UMW-306	Groundwater	3	10/11/2017 17:13
17100875-018	UMW-105	Groundwater	3	10/12/2017 8:50
17100875-019	UMW-121	Groundwater	3	10/12/2017 9:45
17100875-020	UMW-302	Groundwater	3	10/12/2017 10:37
17100875-021	UMW-902	Groundwater	3	10/12/2017 0:00
17100875-022	UMW-305	Groundwater	3	10/12/2017 11:50
17100875-023	UMW-125	Groundwater	3	10/12/2017 12:45
17100875-024	UMW-304R	Groundwater	3	10/12/2017 13:45
17100875-025	UMW-127	Groundwater	3	10/12/2017 14:30
17100875-026	UMW-301R	Groundwater	3	10/12/2017 15:40
17100875-027	UMW-126	Groundwater	3	10/12/2017 16:40
17100875-028	UMW-308	Groundwater	3	10/13/2017 9:10
17100875-029	UMW-124	Groundwater	3	10/13/2017 10:10
17100875-030	Trip Blank	Trip Blank	1	10/13/2017 14:25



Dates Report

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

Client: PSC Industrial Outsourcing, LP

Work Order: 17100875

Client Project: Champaign FMGP Q3 2017 Groundwater

Report Date: 23-Oct-17

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
17100875-001A	UMW-120	10/09/2017 17:00	10/13/2017 14:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			10/16/2017 10:07	10/16/2017 17:32
17100875-001B	UMW-120	10/09/2017 17:00	10/13/2017 14:25		
	SW-846 9012A (Total)			10/18/2017 14:35	10/19/2017 14:22
17100875-001C	UMW-120	10/09/2017 17:00	10/13/2017 14:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/16/2017 12:03
17100875-002A	UMW-119	10/11/2017 7:20	10/13/2017 14:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			10/16/2017 10:07	10/17/2017 18:42
17100875-002B	UMW-119	10/11/2017 7:20	10/13/2017 14:25		
	SW-846 9012A (Total)			10/18/2017 14:35	10/19/2017 16:15
17100875-002C	UMW-119	10/11/2017 7:20	10/13/2017 14:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/16/2017 12:29
17100875-003A	UMW-111A	10/10/2017 12:45	10/13/2017 14:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			10/16/2017 10:07	10/16/2017 18:41
17100875-003B	UMW-111A	10/10/2017 12:45	10/13/2017 14:25		
	SW-846 9012A (Total)			10/18/2017 14:35	10/19/2017 16:19
17100875-003C	UMW-111A	10/10/2017 12:45	10/13/2017 14:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/16/2017 12:54
17100875-004A	UMW-300	10/10/2017 12:30	10/13/2017 14:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			10/16/2017 10:07	10/16/2017 19:16
17100875-004B	UMW-300	10/10/2017 12:30	10/13/2017 14:25		
	SW-846 9012A (Total)			10/18/2017 14:35	10/19/2017 16:24
17100875-004C	UMW-300	10/10/2017 12:30	10/13/2017 14:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/16/2017 13:20
17100875-005A	UMW-102	10/10/2017 13:50	10/13/2017 14:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			10/16/2017 10:07	10/16/2017 19:50
17100875-005B	UMW-102	10/10/2017 13:50	10/13/2017 14:25		
	SW-846 9012A (Total)			10/18/2017 14:35	10/19/2017 16:28
17100875-005C	UMW-102	10/10/2017 13:50	10/13/2017 14:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/16/2017 13:45
17100875-006A	UMW-109	10/10/2017 14:50	10/13/2017 14:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			10/16/2017 10:07	10/16/2017 20:24
17100875-006B	UMW-109	10/10/2017 14:50	10/13/2017 14:25		
	SW-846 9012A (Total)			10/19/2017 8:55	10/19/2017 16:33
17100875-006C	UMW-109	10/10/2017 14:50	10/13/2017 14:25		



Dates Report

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

Client: PSC Industrial Outsourcing, LP

Work Order: 17100875

Client Project: Champaign FMGP Q3 2017 Groundwater

Report Date: 23-Oct-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				10/16/2017 14:10
17100875-007A	UMW-118	10/10/2017 15:55	10/13/2017 14:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			10/16/2017 10:07	10/16/2017 20:58
17100875-007B	UMW-118	10/10/2017 15:55	10/13/2017 14:25		
	SW-846 9012A (Total)			10/19/2017 8:55	10/20/2017 12:30
17100875-007C	UMW-118	10/10/2017 15:55	10/13/2017 14:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/16/2017 14:36
17100875-008A	UMW-108	10/10/2017 17:00	10/13/2017 14:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			10/16/2017 10:07	10/16/2017 21:33
17100875-008B	UMW-108	10/10/2017 17:00	10/13/2017 14:25		
	SW-846 9012A (Total)			10/19/2017 8:55	10/19/2017 18:22
17100875-008C	UMW-108	10/10/2017 17:00	10/13/2017 14:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/16/2017 15:01
17100875-009A	UMW-303	10/11/2017 9:20	10/13/2017 14:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			10/16/2017 13:32	10/16/2017 23:17
17100875-009B	UMW-303	10/11/2017 9:20	10/13/2017 14:25		
	SW-846 9012A (Total)			10/19/2017 8:55	10/19/2017 18:26
17100875-009C	UMW-303	10/11/2017 9:20	10/13/2017 14:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/16/2017 15:27
17100875-010A	UMW-107R	10/11/2017 10:40	10/13/2017 14:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			10/16/2017 13:32	10/16/2017 23:51
17100875-010B	UMW-107R	10/11/2017 10:40	10/13/2017 14:25		
	SW-846 9012A (Total)			10/19/2017 8:55	10/20/2017 12:34
17100875-010C	UMW-107R	10/11/2017 10:40	10/13/2017 14:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/16/2017 15:53
17100875-011A	UMW-907R	10/11/2017 0:00	10/13/2017 14:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			10/16/2017 13:32	10/17/2017 0:26
17100875-011B	UMW-907R	10/11/2017 0:00	10/13/2017 14:25		
	SW-846 9012A (Total)			10/19/2017 8:55	10/20/2017 12:38
17100875-011C	UMW-907R	10/11/2017 0:00	10/13/2017 14:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/16/2017 16:18
17100875-012A	UMW-117	10/11/2017 11:45	10/13/2017 14:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			10/16/2017 13:32	10/17/2017 1:01
17100875-012B	UMW-117	10/11/2017 11:45	10/13/2017 14:25		
	SW-846 9012A (Total)			10/19/2017 8:55	10/19/2017 18:44



Dates Report

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

Client: PSC Industrial Outsourcing, LP

Work Order: 17100875

Client Project: Champaign FMGP Q3 2017 Groundwater

Report Date: 23-Oct-17

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
17100875-012C	UMW-117	10/11/2017 11:45	10/13/2017 14:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/16/2017 16:43
17100875-013A	UMW-116	10/11/2017 12:59	10/13/2017 14:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			10/16/2017 13:32	10/18/2017 10:08
17100875-013B	UMW-116	10/11/2017 12:59	10/13/2017 14:25		
	SW-846 9012A (Total)			10/19/2017 8:55	10/19/2017 18:48
17100875-013C	UMW-116	10/11/2017 12:59	10/13/2017 14:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/16/2017 17:09
17100875-014A	UMW-106R	10/11/2017 14:05	10/13/2017 14:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			10/16/2017 13:32	10/18/2017 10:45
17100875-014B	UMW-106R	10/11/2017 14:05	10/13/2017 14:25		
	SW-846 9012A (Total)			10/19/2017 8:55	10/19/2017 18:53
17100875-014C	UMW-106R	10/11/2017 14:05	10/13/2017 14:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/16/2017 17:35
17100875-015A	UMW-123	10/11/2017 15:05	10/13/2017 14:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			10/16/2017 13:32	10/18/2017 11:20
17100875-015B	UMW-123	10/11/2017 15:05	10/13/2017 14:25		
	SW-846 9012A (Total)			10/19/2017 8:55	10/19/2017 18:57
17100875-015C	UMW-123	10/11/2017 15:05	10/13/2017 14:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/16/2017 18:00
17100875-016A	UMW-307	10/11/2017 16:15	10/13/2017 14:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			10/16/2017 13:32	10/18/2017 15:25
17100875-016B	UMW-307	10/11/2017 16:15	10/13/2017 14:25		
	SW-846 9012A (Total)			10/19/2017 8:55	10/19/2017 19:23
17100875-016C	UMW-307	10/11/2017 16:15	10/13/2017 14:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/17/2017 11:22
17100875-017A	UMW-306	10/11/2017 17:13	10/13/2017 14:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			10/16/2017 13:32	10/18/2017 16:00
17100875-017B	UMW-306	10/11/2017 17:13	10/13/2017 14:25		
	SW-846 9012A (Total)			10/19/2017 8:55	10/19/2017 19:27
17100875-017C	UMW-306	10/11/2017 17:13	10/13/2017 14:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/17/2017 11:47
17100875-018A	UMW-105	10/12/2017 8:50	10/13/2017 14:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			10/17/2017 8:13	10/17/2017 16:09
17100875-018B	UMW-105	10/12/2017 8:50	10/13/2017 14:25		



Dates Report

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

Client: PSC Industrial Outsourcing, LP

Work Order: 17100875

Client Project: Champaign FMGP Q3 2017 Groundwater

Report Date: 23-Oct-17

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	SW-846 9012A (Total)			10/19/2017 8:55	10/20/2017 12:43
17100875-018C	UMW-105	10/12/2017 8:50	10/13/2017 14:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/17/2017 12:13
17100875-019A	UMW-121	10/12/2017 9:45	10/13/2017 14:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			10/17/2017 8:13	10/17/2017 16:39
17100875-019B	UMW-121	10/12/2017 9:45	10/13/2017 14:25		
	SW-846 9012A (Total)			10/19/2017 8:55	10/20/2017 12:47
17100875-019C	UMW-121	10/12/2017 9:45	10/13/2017 14:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/17/2017 12:38
17100875-020A	UMW-302	10/12/2017 10:37	10/13/2017 14:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			10/18/2017 11:11	10/19/2017 20:48
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			10/18/2017 11:11	10/20/2017 12:16
17100875-020B	UMW-302	10/12/2017 10:37	10/13/2017 14:25		
	SW-846 9012A (Total)			10/19/2017 8:55	10/20/2017 14:54
17100875-020C	UMW-302	10/12/2017 10:37	10/13/2017 14:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/17/2017 13:04
17100875-021A	UMW-902	10/12/2017 0:00	10/13/2017 14:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			10/18/2017 11:11	10/19/2017 21:23
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			10/18/2017 11:11	10/20/2017 12:51
17100875-021B	UMW-902	10/12/2017 0:00	10/13/2017 14:25		
	SW-846 9012A (Total)			10/19/2017 8:55	10/20/2017 14:58
17100875-021C	UMW-902	10/12/2017 0:00	10/13/2017 14:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/18/2017 10:35
17100875-022A	UMW-305	10/12/2017 11:50	10/13/2017 14:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			10/18/2017 11:11	10/20/2017 13:26
17100875-022B	UMW-305	10/12/2017 11:50	10/13/2017 14:25		
	SW-846 9012A (Total)			10/19/2017 8:55	10/19/2017 19:53
17100875-022C	UMW-305	10/12/2017 11:50	10/13/2017 14:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/17/2017 13:55
17100875-023A	UMW-125	10/12/2017 12:45	10/13/2017 14:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			10/18/2017 11:11	10/20/2017 14:02
17100875-023B	UMW-125	10/12/2017 12:45	10/13/2017 14:25		
	SW-846 9012A (Total)			10/19/2017 8:55	10/19/2017 19:58
17100875-023C	UMW-125	10/12/2017 12:45	10/13/2017 14:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/18/2017 11:01



Dates Report

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

Client: PSC Industrial Outsourcing, LP

Work Order: 17100875

Client Project: Champaign FMGP Q3 2017 Groundwater

Report Date: 23-Oct-17

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
17100875-024A	UMW-304R	10/12/2017 13:45	10/13/2017 14:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			10/18/2017 11:11	10/20/2017 14:37
17100875-024B	UMW-304R	10/12/2017 13:45	10/13/2017 14:25		
	SW-846 9012A (Total)			10/19/2017 10:10	10/19/2017 17:08
17100875-024C	UMW-304R	10/12/2017 13:45	10/13/2017 14:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/17/2017 14:46
17100875-025A	UMW-127	10/12/2017 14:30	10/13/2017 14:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			10/18/2017 11:11	10/20/2017 15:13
17100875-025B	UMW-127	10/12/2017 14:30	10/13/2017 14:25		
	SW-846 9012A (Total)			10/19/2017 10:10	10/19/2017 17:12
17100875-025C	UMW-127	10/12/2017 14:30	10/13/2017 14:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/17/2017 15:12
17100875-026A	UMW-301R	10/12/2017 15:40	10/13/2017 14:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			10/16/2017 13:32	10/17/2017 17:10
17100875-026B	UMW-301R	10/12/2017 15:40	10/13/2017 14:25		
	SW-846 9012A (Total)			10/19/2017 10:10	10/19/2017 17:16
17100875-026C	UMW-301R	10/12/2017 15:40	10/13/2017 14:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/17/2017 15:37
17100875-027A	UMW-126	10/12/2017 16:40	10/13/2017 14:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			10/18/2017 11:11	10/20/2017 15:48
17100875-027B	UMW-126	10/12/2017 16:40	10/13/2017 14:25		
	SW-846 9012A (Total)			10/19/2017 10:10	10/19/2017 17:38
17100875-027C	UMW-126	10/12/2017 16:40	10/13/2017 14:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/17/2017 16:56
17100875-028A	UMW-308	10/13/2017 9:10	10/13/2017 14:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			10/18/2017 11:11	10/23/2017 13:58
17100875-028B	UMW-308	10/13/2017 9:10	10/13/2017 14:25		
	SW-846 9012A (Total)			10/19/2017 10:10	10/19/2017 17:42
17100875-028C	UMW-308	10/13/2017 9:10	10/13/2017 14:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/17/2017 17:23
17100875-029A	UMW-124	10/13/2017 10:10	10/13/2017 14:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			10/18/2017 11:11	10/23/2017 13:28
17100875-029B	UMW-124	10/13/2017 10:10	10/13/2017 14:25		
	SW-846 9012A (Total)			10/19/2017 10:10	10/19/2017 17:34
17100875-029C	UMW-124	10/13/2017 10:10	10/13/2017 14:25		



Dates Report

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Client: PSC Industrial Outsourcing, LP

Work Order: 17100875

Client Project: Champaign FMGP Q3 2017 Groundwater

Report Date: 23-Oct-17

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/17/2017 18:41
17100875-030A	Trip Blank	10/13/2017 14:25	10/13/2017 14:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/18/2017 11:27



Quality Control Results

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Client: PSC Industrial Outsourcing, LP

Work Order: 17100875

Client Project: Champaign FMGP Q3 2017 Groundwater

Report Date: 23-Oct-17

SW-846 9012A (TOTAL)

Batch 135318		SampType: MBLK		Units mg/L						Date Analyzed
SampID: MBLK 171018 TCN2										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.005		< 0.005							10/19/2017

Batch 135318		SampType: LCS		Units mg/L						Date Analyzed
SampID: LCS 171018 TCN2										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.005		0.027	0.02500	0	106.2	90	110		10/19/2017

Batch 135318		SampType: MS		Units mg/L						Date Analyzed
SampID: 17100875-001BMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.005		0.032	0.02500	0.006960	101.2	75	125		10/19/2017

Batch 135318		SampType: MSD		Units mg/L		RPD Limit 15				Date Analyzed
SampID: 17100875-001BMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Cyanide	0.005		0.032	0.02500	0.006960	98.6	0.03226	2.05		10/19/2017

Batch 135332		SampType: MBLK		Units mg/L						Date Analyzed
SampID: MBLK 171019 TCN1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.005		< 0.005							10/19/2017

Batch 135332		SampType: LCS		Units mg/L						Date Analyzed
SampID: LCS 171019 TCN1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.005		0.025	0.02500	0	101.1	90	110		10/19/2017

Batch 135332		SampType: MS		Units mg/L						Date Analyzed
SampID: 17100875-006BMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.005	E	0.061	0.02500	0.03608	100.9	75	125		10/19/2017

Batch 135332		SampType: MSD		Units mg/L		RPD Limit 15				Date Analyzed
SampID: 17100875-006BMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Cyanide	0.005	E	0.061	0.02500	0.03608	98.8	0.06130	0.83		10/19/2017

Batch 135332		SampType: MS		Units mg/L						Date Analyzed
SampID: 17100875-023BMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.005		0.049	0.02500	0.02835	84.1	75	125		10/19/2017

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SW-846 9012A (TOTAL)

Batch 135332		SampType: MSD		Units mg/L		RPD Limit 15				Date Analyzed
SampID: 17100875-023BMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Cyanide	0.005	E	0.050	0.02500	0.02835	87.6	0.04938	1.78	10/19/2017	

Batch 135353		SampType: MBLK		Units mg/L						Date Analyzed
SampID: MBLK 171019 TCN2										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.005		< 0.005						10/19/2017	

Batch 135353		SampType: LCS		Units mg/L						Date Analyzed
SampID: LCS 171019 TCN2										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.005		0.026	0.02500	0	105.6	90	110	10/19/2017	

Batch 135353		SampType: MS		Units mg/L						Date Analyzed
SampID: 17100875-026BMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.005	H	0.027	0.02500	0	109.9	75	125	10/19/2017	

Batch 135353		SampType: MSD		Units mg/L		RPD Limit 15				Date Analyzed
SampID: 17100875-026BMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Cyanide	0.005	H	0.027	0.02500	0	107.9	0.02748	1.91	10/19/2017	

Batch 135353		SampType: MS		Units mg/L						Date Analyzed
SampID: 17100875-028BMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.005	H	0.046	0.02500	0.01978	106.7	75	125	10/19/2017	

Batch 135353		SampType: MSD		Units mg/L		RPD Limit 15				Date Analyzed
SampID: 17100875-028BMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Cyanide	0.005	H	0.045	0.02500	0.01978	99.5	0.04644	3.94	10/19/2017	

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

Batch 135198		SampType: MBLK		Units mg/L						
SampID: MBLK-135198										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.00010		ND						10/16/2017	
Acenaphthylene	0.00010		ND						10/16/2017	
Anthracene	0.00010		ND						10/16/2017	
Benzo(a)anthracene	0.00010		ND						10/16/2017	
Benzo(a)pyrene	0.00010		ND						10/16/2017	
Benzo(b)fluoranthene	0.00010		ND						10/16/2017	
Benzo(g,h,i)perylene	0.00010		ND						10/16/2017	
Benzo(k)fluoranthene	0.00010		ND						10/16/2017	
Chrysene	0.00010		ND						10/16/2017	
Dibenzo(a,h)anthracene	0.00010		ND						10/16/2017	
Fluoranthene	0.00010		ND						10/16/2017	
Fluorene	0.00010		ND						10/16/2017	
Indeno(1,2,3-cd)pyrene	0.00010		ND						10/16/2017	
Naphthalene	0.00010		ND						10/16/2017	
Phenanthrene	0.00010		ND						10/16/2017	
Pyrene	0.00010		ND						10/16/2017	
Surr: 2-Fluorobiphenyl			0.00358	0.00500C		71.6	30.7	97.3	10/16/2017	
Surr: Nitrobenzene-d5			0.00465	0.00500C		93.0	20	111	10/16/2017	
Surr: p-Terphenyl-d14			0.00456	0.00500C		91.2	44.6	100	10/16/2017	

Batch 135198		SampType: LCS		Units mg/L						
SampID: LCS-135198										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.00010		0.00347	0.00500C	0	69.4	33.2	114	10/16/2017	
Acenaphthylene	0.00010		0.00345	0.00500C	0	69.0	33.5	115	10/16/2017	
Anthracene	0.00010		0.00371	0.00500C	0	74.2	35.1	113	10/16/2017	
Benzo(a)anthracene	0.00010		0.00387	0.00500C	0	77.4	32.1	125	10/16/2017	
Benzo(a)pyrene	0.00010		0.00423	0.00500C	0	84.6	35.3	120	10/16/2017	
Benzo(b)fluoranthene	0.00010		0.00412	0.00500C	0	82.4	38	119	10/16/2017	
Benzo(g,h,i)perylene	0.00010		0.00413	0.00500C	0	82.6	40.1	114	10/16/2017	
Benzo(k)fluoranthene	0.00010		0.00412	0.00500C	0	82.4	38.1	119	10/16/2017	
Chrysene	0.00010		0.00404	0.00500C	0	80.8	39.6	116	10/16/2017	
Dibenzo(a,h)anthracene	0.00010		0.00405	0.00500C	0	81.0	38.9	114	10/16/2017	
Fluoranthene	0.00010		0.00391	0.00500C	0	78.2	35.5	117	10/16/2017	
Fluorene	0.00010		0.00355	0.00500C	0	71.0	40.3	110	10/16/2017	
Indeno(1,2,3-cd)pyrene	0.00010		0.00416	0.00500C	0	83.2	40.4	115	10/16/2017	
Naphthalene	0.00010		0.00331	0.00500C	0	66.2	28.9	106	10/16/2017	
Phenanthrene	0.00010		0.00365	0.00500C	0	73.0	35	112	10/16/2017	
Pyrene	0.00010		0.00387	0.00500C	0	77.4	34.4	116	10/16/2017	
Surr: 2-Fluorobiphenyl			0.00328	0.00500C		65.6	30.7	97.3	10/16/2017	
Surr: Nitrobenzene-d5			0.00475	0.00500C		95.0	20	111	10/16/2017	
Surr: p-Terphenyl-d14			0.00425	0.00500C		85.0	44.6	100	10/16/2017	



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

Batch 135198		SampType: LCSD		Units mg/L				RPD Limit 50		Date Analyzed
SampID: LCSD-135198										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Acenaphthene	0.00010		0.00279	0.00500C	0	55.8	0.003470	21.73	10/16/2017	
Acenaphthylene	0.00010		0.00277	0.00500C	0	55.4	0.003450	21.86	10/16/2017	
Anthracene	0.00010		0.00298	0.00500C	0	59.6	0.003710	21.82	10/16/2017	
Benzo(a)anthracene	0.00010		0.00287	0.00500C	0	57.4	0.003870	29.67	10/16/2017	
Benzo(a)pyrene	0.00010		0.00319	0.00500C	0	63.8	0.004230	28.03	10/16/2017	
Benzo(b)fluoranthene	0.00010		0.00320	0.00500C	0	64.0	0.004120	25.14	10/16/2017	
Benzo(g,h,i)perylene	0.00010		0.00314	0.00500C	0	62.8	0.004130	27.24	10/16/2017	
Benzo(k)fluoranthene	0.00010		0.00304	0.00500C	0	60.8	0.004120	30.17	10/16/2017	
Chrysene	0.00010		0.00306	0.00500C	0	61.2	0.004040	27.61	10/16/2017	
Dibenzo(a,h)anthracene	0.00010		0.00314	0.00500C	0	62.8	0.004050	25.31	10/16/2017	
Fluoranthene	0.00010		0.00302	0.00500C	0	60.4	0.003910	25.69	10/16/2017	
Fluorene	0.00010		0.00280	0.00500C	0	56.0	0.003550	23.62	10/16/2017	
Indeno(1,2,3-cd)pyrene	0.00010		0.00326	0.00500C	0	65.2	0.004160	24.26	10/16/2017	
Naphthalene	0.00010		0.00264	0.00500C	0	52.8	0.003310	22.52	10/16/2017	
Phenanthrene	0.00010		0.00297	0.00500C	0	59.4	0.003650	20.54	10/16/2017	
Pyrene	0.00010		0.00313	0.00500C	0	62.6	0.003870	21.14	10/16/2017	
Surr: 2-Fluorobiphenyl			0.00252	0.00500C		50.4			10/16/2017	
Surr: Nitrobenzene-d5			0.00369	0.00500C		73.8			10/16/2017	
Surr: p-Terphenyl-d14			0.00324	0.00500C		64.8			10/16/2017	

Batch 135198		SampType: MS		Units mg/L						Date Analyzed
SampID: 17100875-026AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Acenaphthene	0.00010		0.00594	0.00500C	0.002410	70.6	28.4	106	10/17/2017	
Acenaphthylene	0.00010		0.00633	0.00500C	0.002770	71.2	26.6	100	10/17/2017	
Anthracene	0.00010		0.00324	0.00500C	0	64.8	24.7	101	10/17/2017	
Benzo(a)anthracene	0.00010		0.00366	0.00500C	0	73.2	43.6	101	10/17/2017	
Benzo(a)pyrene	0.00010		0.00390	0.00500C	0	78.0	39.2	106	10/17/2017	
Benzo(b)fluoranthene	0.00010		0.00392	0.00500C	0	78.4	39.2	105	10/17/2017	
Benzo(g,h,i)perylene	0.00010		0.00290	0.00500C	0	58.0	22.7	106	10/17/2017	
Benzo(k)fluoranthene	0.00010		0.00396	0.00500C	0	79.2	39.3	106	10/17/2017	
Chrysene	0.00010		0.00365	0.00500C	0	73.0	39.5	98.7	10/17/2017	
Dibenzo(a,h)anthracene	0.00010		0.00312	0.00500C	0	62.4	28.3	106	10/17/2017	
Fluoranthene	0.00010		0.00358	0.00500C	0	71.6	29.7	102	10/17/2017	
Fluorene	0.00010		0.00376	0.00500C	0.0001200	72.8	35.2	98.6	10/17/2017	
Indeno(1,2,3-cd)pyrene	0.00010		0.00310	0.00500C	0	62.0	28.3	106	10/17/2017	
Naphthalene	0.00010		0.00332	0.00500C	0	66.4	23.5	94.3	10/17/2017	
Phenanthrene	0.00010		0.00325	0.00500C	0	65.0	30	98.5	10/17/2017	
Pyrene	0.00010		0.00370	0.00500C	0	74.0	29.7	102	10/17/2017	
Surr: 2-Fluorobiphenyl			0.00378	0.00500C		75.6	13.8	99.2	10/17/2017	
Surr: Nitrobenzene-d5			0.00346	0.00500C		69.2	15.3	96.2	10/17/2017	
Surr: p-Terphenyl-d14			0.00357	0.00500C		71.4	10	109	10/17/2017	



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

Batch 135198		SampType: MSD		Units mg/L				RPD Limit 50		Date Analyzed
SampID: 17100875-026AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Acenaphthene	0.00010		0.00573	0.00500C	0.002410	66.4	0.005940	3.60	10/17/2017	
Acenaphthylene	0.00010		0.00617	0.00500C	0.002770	68.0	0.006330	2.56	10/17/2017	
Anthracene	0.00010		0.00331	0.00500C	0	66.2	0.003240	2.14	10/17/2017	
Benzo(a)anthracene	0.00010		0.00381	0.00500C	0	76.2	0.003660	4.02	10/17/2017	
Benzo(a)pyrene	0.00010		0.00380	0.00500C	0	76.0	0.003900	2.60	10/17/2017	
Benzo(b)fluoranthene	0.00010		0.00385	0.00500C	0	77.0	0.003920	1.80	10/17/2017	
Benzo(g,h,i)perylene	0.00010		0.00284	0.00500C	0	56.8	0.002900	2.09	10/17/2017	
Benzo(k)fluoranthene	0.00010		0.00385	0.00500C	0	77.0	0.003960	2.82	10/17/2017	
Chrysene	0.00010		0.00357	0.00500C	0	71.4	0.003650	2.22	10/17/2017	
Dibenzo(a,h)anthracene	0.00010		0.00303	0.00500C	0	60.6	0.003120	2.93	10/17/2017	
Fluoranthene	0.00010		0.00354	0.00500C	0	70.8	0.003580	1.12	10/17/2017	
Fluorene	0.00010		0.00361	0.00500C	0.0001200	69.8	0.003760	4.07	10/17/2017	
Indeno(1,2,3-cd)pyrene	0.00010		0.00304	0.00500C	0	60.8	0.003100	1.95	10/17/2017	
Naphthalene	0.00010		0.00317	0.00500C	0	63.4	0.003320	4.62	10/17/2017	
Phenanthrene	0.00010		0.00331	0.00500C	0	66.2	0.003250	1.83	10/17/2017	
Pyrene	0.00010		0.00371	0.00500C	0	74.2	0.003700	0.27	10/17/2017	
Surr: 2-Fluorobiphenyl			0.00342	0.00500C		68.4			10/17/2017	
Surr: Nitrobenzene-d5			0.00331	0.00500C		66.2			10/17/2017	
Surr: p-Terphenyl-d14			0.00345	0.00500C		69.0			10/17/2017	

Batch 135273		SampType: MBLK		Units mg/L						Date Analyzed
SampID: MBLK-135273										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.00010		ND						10/18/2017	
Acenaphthylene	0.00010		ND						10/18/2017	
Anthracene	0.00010		ND						10/18/2017	
Benzo(a)anthracene	0.00010		ND						10/18/2017	
Benzo(a)pyrene	0.00010		ND						10/18/2017	
Benzo(b)fluoranthene	0.00010		ND						10/18/2017	
Benzo(g,h,i)perylene	0.00010		ND						10/18/2017	
Benzo(k)fluoranthene	0.00010		ND						10/18/2017	
Chrysene	0.00010		ND						10/18/2017	
Dibenzo(a,h)anthracene	0.00010		ND						10/18/2017	
Fluoranthene	0.00010		ND						10/18/2017	
Fluorene	0.00010		ND						10/18/2017	
Indeno(1,2,3-cd)pyrene	0.00010		ND						10/18/2017	
Naphthalene	0.00010		ND						10/18/2017	
Phenanthrene	0.00010		ND						10/18/2017	
Pyrene	0.00010		ND						10/18/2017	
Surr: 2-Fluorobiphenyl			0.00268	0.00500C		53.6	30.7	97.3	10/18/2017	
Surr: Nitrobenzene-d5			0.00301	0.00500C		60.2	20	111	10/18/2017	
Surr: p-Terphenyl-d14			0.00313	0.00500C		62.6	44.6	100	10/18/2017	



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Batch 135273		SampType: LCS		Units mg/L						Date Analyzed
SampID: LCS-135273										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.00010		0.00261	0.00500C	0	52.2	33.2	114	10/18/2017	
Acenaphthylene	0.00010		0.00271	0.00500C	0	54.2	33.5	115	10/18/2017	
Anthracene	0.00010		0.00310	0.00500C	0	62.0	35.1	113	10/18/2017	
Benzo(a)anthracene	0.00010		0.00297	0.00500C	0	59.4	32.1	125	10/18/2017	
Benzo(a)pyrene	0.00010		0.00330	0.00500C	0	66.0	35.3	120	10/18/2017	
Benzo(b)fluoranthene	0.00010		0.00318	0.00500C	0	63.6	38	119	10/18/2017	
Benzo(g,h,i)perylene	0.00010		0.00318	0.00500C	0	63.6	40.1	114	10/18/2017	
Benzo(k)fluoranthene	0.00010		0.00322	0.00500C	0	64.4	38.1	119	10/18/2017	
Chrysene	0.00010		0.00311	0.00500C	0	62.2	39.6	116	10/18/2017	
Dibenzo(a,h)anthracene	0.00010		0.00315	0.00500C	0	63.0	38.9	114	10/18/2017	
Fluoranthene	0.00010		0.00319	0.00500C	0	63.8	35.5	117	10/18/2017	
Fluorene	0.00010		0.00267	0.00500C	0	53.4	40.3	110	10/18/2017	
Indeno(1,2,3-cd)pyrene	0.00010		0.00320	0.00500C	0	64.0	40.4	115	10/18/2017	
Naphthalene	0.00010		0.00304	0.00500C	0	60.8	28.9	106	10/18/2017	
Phenanthrene	0.00010		0.00303	0.00500C	0	60.6	35	112	10/18/2017	
Pyrene	0.00010		0.00319	0.00500C	0	63.8	34.4	116	10/18/2017	
Surr: 2-Fluorobiphenyl			0.00285	0.00500C		57.0	30.7	97.3	10/18/2017	
Surr: Nitrobenzene-d5			0.00346	0.00500C		69.2	20	111	10/18/2017	
Surr: p-Terphenyl-d14			0.00316	0.00500C		63.2	44.6	100	10/18/2017	

Batch 135273		SampType: LCSD		Units mg/L						RPD Limit 50	Date Analyzed
SampID: LCSD-135273											
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Acenaphthene	0.00010		0.00251	0.00500C	0	50.2	0.002610	3.91	10/18/2017		
Acenaphthylene	0.00010		0.00262	0.00500C	0	52.4	0.002710	3.38	10/18/2017		
Anthracene	0.00010		0.00321	0.00500C	0	64.2	0.003100	3.49	10/18/2017		
Benzo(a)anthracene	0.00010		0.00319	0.00500C	0	63.8	0.002970	7.14	10/18/2017		
Benzo(a)pyrene	0.00010		0.00357	0.00500C	0	71.4	0.003300	7.86	10/18/2017		
Benzo(b)fluoranthene	0.00010		0.00356	0.00500C	0	71.2	0.003180	11.28	10/18/2017		
Benzo(g,h,i)perylene	0.00010		0.00347	0.00500C	0	69.4	0.003180	8.72	10/18/2017		
Benzo(k)fluoranthene	0.00010		0.00342	0.00500C	0	68.4	0.003220	6.02	10/18/2017		
Chrysene	0.00010		0.00325	0.00500C	0	65.0	0.003110	4.40	10/18/2017		
Dibenzo(a,h)anthracene	0.00010		0.00348	0.00500C	0	69.6	0.003150	9.95	10/18/2017		
Fluoranthene	0.00010		0.00329	0.00500C	0	65.8	0.003190	3.09	10/18/2017		
Fluorene	0.00010		0.00269	0.00500C	0	53.8	0.002670	0.75	10/18/2017		
Indeno(1,2,3-cd)pyrene	0.00010		0.00350	0.00500C	0	70.0	0.003200	8.96	10/18/2017		
Naphthalene	0.00010		0.00303	0.00500C	0	60.6	0.003040	0.33	10/18/2017		
Phenanthrene	0.00010		0.00307	0.00500C	0	61.4	0.003030	1.31	10/18/2017		
Pyrene	0.00010		0.00334	0.00500C	0	66.8	0.003190	4.59	10/18/2017		
Surr: 2-Fluorobiphenyl			0.00278	0.00500C		55.6			10/18/2017		
Surr: Nitrobenzene-d5			0.00302	0.00500C		60.4			10/18/2017		
Surr: p-Terphenyl-d14			0.00314	0.00500C		62.8			10/18/2017		



Quality Control Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 17100875

Client Project: Champaign FMGP Q3 2017 Groundwater

Report Date: 23-Oct-17

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

Batch 135273		SampType: MS		Units mg/L						Date Analyzed
SampID: 17100875-028AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.00010		0.00307	0.00500C	0	61.4	28.4	106	10/23/2017	
Acenaphthylene	0.00010		0.00302	0.00500C	0	60.4	26.6	100	10/23/2017	
Anthracene	0.00010		0.00306	0.00500C	0	61.2	24.7	101	10/23/2017	
Benzo(a)anthracene	0.00010		0.00340	0.00500C	0	68.0	43.6	101	10/23/2017	
Benzo(a)pyrene	0.00010		0.00370	0.00500C	0	74.0	39.2	106	10/23/2017	
Benzo(b)fluoranthene	0.00010		0.00369	0.00500C	0	73.8	39.2	105	10/23/2017	
Benzo(g,h,i)perylene	0.00010		0.00257	0.00500C	0	51.4	22.7	106	10/23/2017	
Benzo(k)fluoranthene	0.00010		0.00372	0.00500C	0	74.4	39.3	106	10/23/2017	
Chrysene	0.00010		0.00351	0.00500C	0	70.2	39.5	98.7	10/23/2017	
Dibenzo(a,h)anthracene	0.00010		0.00284	0.00500C	0	56.8	28.3	106	10/23/2017	
Fluoranthene	0.00010		0.00350	0.00500C	0	70.0	29.7	102	10/23/2017	
Fluorene	0.00010		0.00320	0.00500C	0	64.0	35.2	98.6	10/23/2017	
Indeno(1,2,3-cd)pyrene	0.00010		0.00282	0.00500C	0	56.4	28.3	106	10/23/2017	
Naphthalene	0.00010		0.00310	0.00500C	0	62.0	23.5	94.3	10/23/2017	
Phenanthrene	0.00010		0.00312	0.00500C	0	62.4	30	98.5	10/23/2017	
Pyrene	0.00010		0.00358	0.00500C	0	71.6	29.7	102	10/23/2017	
Surr: 2-Fluorobiphenyl			0.00347	0.00500C		69.4	13.8	99.2	10/23/2017	
Surr: Nitrobenzene-d5			0.00329	0.00500C		65.8	15.3	96.2	10/23/2017	
Surr: p-Terphenyl-d14			0.00355	0.00500C		71.0	10	109	10/23/2017	

Batch 135273		SampType: MSD		Units mg/L				RPD Limit 50		Date Analyzed
SampID: 17100875-028AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Acenaphthene	0.00010		0.00325	0.00500C	0	65.0	0.003070	5.70	10/23/2017	
Acenaphthylene	0.00010		0.00322	0.00500C	0	64.4	0.003020	6.41	10/23/2017	
Anthracene	0.00010		0.00330	0.00500C	0	66.0	0.003060	7.55	10/23/2017	
Benzo(a)anthracene	0.00010		0.00348	0.00500C	0	69.6	0.003400	2.33	10/23/2017	
Benzo(a)pyrene	0.00010		0.00383	0.00500C	0	76.6	0.003700	3.45	10/23/2017	
Benzo(b)fluoranthene	0.00010		0.00381	0.00500C	0	76.2	0.003690	3.20	10/23/2017	
Benzo(g,h,i)perylene	0.00010		0.00265	0.00500C	0	53.0	0.002570	3.07	10/23/2017	
Benzo(k)fluoranthene	0.00010		0.00385	0.00500C	0	77.0	0.003720	3.43	10/23/2017	
Chrysene	0.00010		0.00362	0.00500C	0	72.4	0.003510	3.09	10/23/2017	
Dibenzo(a,h)anthracene	0.00010		0.00291	0.00500C	0	58.2	0.002840	2.43	10/23/2017	
Fluoranthene	0.00010		0.00355	0.00500C	0	71.0	0.003500	1.42	10/23/2017	
Fluorene	0.00010		0.00342	0.00500C	0	68.4	0.003200	6.65	10/23/2017	
Indeno(1,2,3-cd)pyrene	0.00010		0.00290	0.00500C	0	58.0	0.002820	2.80	10/23/2017	
Naphthalene	0.00010		0.00318	0.00500C	0	63.6	0.003100	2.55	10/23/2017	
Phenanthrene	0.00010		0.00322	0.00500C	0	64.4	0.003120	3.15	10/23/2017	
Pyrene	0.00010		0.00370	0.00500C	0	74.0	0.003580	3.30	10/23/2017	
Surr: 2-Fluorobiphenyl			0.00372	0.00500C		74.4			10/23/2017	
Surr: Nitrobenzene-d5			0.00337	0.00500C		67.4			10/23/2017	
Surr: p-Terphenyl-d14			0.00361	0.00500C		72.2			10/23/2017	

Client: PSC Industrial Outsourcing, LP

Work Order: 17100875

Client Project: Champaign FMGP Q3 2017 Groundwater

Report Date: 23-Oct-17

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

Batch 135214 **SampType: MBLK** Units µg/L

SampID: MBLK-T171016A-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	2.0		ND						10/16/2017
Ethylbenzene	5.0		ND						10/16/2017
Toluene	5.0		ND						10/16/2017
Xylenes, Total	5.0		ND						10/16/2017
Surr: 1,2-Dichloroethane-d4			44.2	50.00		88.4	79.6	118	10/16/2017
Surr: 4-Bromofluorobenzene			46.5	50.00		92.9	83.9	115	10/16/2017
Surr: Dibromofluoromethane			46.8	50.00		93.5	84.9	113	10/16/2017
Surr: Toluene-d8			49.6	50.00		99.2	86.7	112	10/16/2017

Batch 135214 **SampType: LCSD** Units µg/L

SampID: LCSD-T171016A-1

RPD Limit 40

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	2.0		43.1	50.00	0	86.2	41.97	2.63	10/16/2017
Ethylbenzene	5.0		45.2	50.00	0	90.4	43.93	2.87	10/16/2017
Toluene	5.0		45.7	50.00	0	91.5	44.25	3.31	10/16/2017
Xylenes, Total	5.0		135	150.0	0	90.1	130.9	3.15	10/16/2017
Surr: 1,2-Dichloroethane-d4			45.8	50.00		91.6			10/16/2017
Surr: 4-Bromofluorobenzene			45.4	50.00		90.7			10/16/2017
Surr: Dibromofluoromethane			48.6	50.00		97.2			10/16/2017
Surr: Toluene-d8			49.3	50.00		98.7			10/16/2017

Batch 135214 **SampType: LCS** Units µg/L

SampID: LCS-T171016A-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	2.0		42.0	50.00	0	83.9	77.8	120	10/16/2017
Ethylbenzene	5.0		43.9	50.00	0	87.9	81.8	117	10/16/2017
Toluene	5.0		44.2	50.00	0	88.5	82.2	113	10/16/2017
Xylenes, Total	5.0		131	150.0	0	87.3	82.7	118	10/16/2017
Surr: 1,2-Dichloroethane-d4			46.8	50.00		93.5	79.6	118	10/16/2017
Surr: 4-Bromofluorobenzene			44.8	50.00		89.6	83.9	115	10/16/2017
Surr: Dibromofluoromethane			49.6	50.00		99.3	84.9	113	10/16/2017
Surr: Toluene-d8			49.3	50.00		98.7	86.7	112	10/16/2017

Batch 135270 **SampType: MBLK** Units µg/L

SampID: MBLK-T171017A-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	2.0		ND						10/17/2017
Ethylbenzene	5.0		ND						10/17/2017
Toluene	5.0		ND						10/17/2017
Xylenes, Total	5.0		ND						10/17/2017
Surr: 1,2-Dichloroethane-d4			43.5	50.00		86.9	79.6	118	10/17/2017
Surr: 4-Bromofluorobenzene			47.4	50.00		94.8	83.9	115	10/17/2017
Surr: Dibromofluoromethane			47.6	50.00		95.3	84.9	113	10/17/2017
Surr: Toluene-d8			49.9	50.00		99.8	86.7	112	10/17/2017

Client: PSC Industrial Outsourcing, LP

Work Order: 17100875

Client Project: Champaign FMGP Q3 2017 Groundwater

Report Date: 23-Oct-17

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

Batch 135270		SampType: LCSD		Units µg/L				RPD Limit 40		Date Analyzed
SampID: LCSD-T171017A-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Benzene	2.0		42.7	50.00	0	85.3	49.04	13.89	10/17/2017	
Ethylbenzene	5.0		44.8	50.00	0	89.7	51.54	13.90	10/17/2017	
Toluene	5.0		45.2	50.00	0	90.5	52.26	14.42	10/17/2017	
Xylenes, Total	5.0		133	150.0	0	88.8	153.6	14.20	10/17/2017	
Surr: 1,2-Dichloroethane-d4			45.7	50.00		91.3			10/17/2017	
Surr: 4-Bromofluorobenzene			44.3	50.00		88.6			10/17/2017	
Surr: Dibromofluoromethane			49.7	50.00		99.3			10/17/2017	
Surr: Toluene-d8			49.3	50.00		98.6			10/17/2017	

Batch 135270		SampType: LCS		Units µg/L				RPD Limit 40		Date Analyzed
SampID: LCS-T171017A-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Benzene	2.0		49.0	50.00	0	98.1	77.8	120	10/17/2017	
Ethylbenzene	5.0		51.5	50.00	0	103.1	81.8	117	10/17/2017	
Toluene	5.0		52.3	50.00	0	104.5	82.2	113	10/17/2017	
Xylenes, Total	5.0		154	150.0	0	102.4	82.7	118	10/17/2017	
Surr: 1,2-Dichloroethane-d4			46.4	50.00		92.7	79.6	118	10/17/2017	
Surr: 4-Bromofluorobenzene			43.3	50.00		86.5	83.9	115	10/17/2017	
Surr: Dibromofluoromethane			49.0	50.00		97.9	84.9	113	10/17/2017	
Surr: Toluene-d8			49.0	50.00		98.1	86.7	112	10/17/2017	

Batch 135270		SampType: MS		Units µg/L				RPD Limit 40		Date Analyzed
SampID: 17100875-026CMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Benzene	2.0		41.1	50.00	0	82.3	62.5	121	10/17/2017	
Ethylbenzene	5.0		40.8	50.00	0	81.7	74.4	130	10/17/2017	
Toluene	5.0		41.3	50.00	0	82.5	69.5	118	10/17/2017	
Xylenes, Total	5.0		80.5	100.0	0	80.5	71.1	125	10/17/2017	
Surr: 1,2-Dichloroethane-d4			47.5	50.00		95.1	74.7	129	10/17/2017	
Surr: 4-Bromofluorobenzene			46.7	50.00		93.5	86	119	10/17/2017	
Surr: Dibromofluoromethane			48.3	50.00		96.6	81.7	123	10/17/2017	
Surr: Toluene-d8			48.4	50.00		96.8	84.3	114	10/17/2017	

Batch 135270		SampType: MSD		Units µg/L				RPD Limit 20		Date Analyzed
SampID: 17100875-026CMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Benzene	2.0		41.1	50.00	0	82.2	41.14	0.10	10/17/2017	
Ethylbenzene	5.0		41.1	50.00	0	82.2	40.85	0.61	10/17/2017	
Toluene	5.0		41.3	50.00	0	82.6	41.27	0.07	10/17/2017	
Xylenes, Total	5.0		81.2	100.0	0	81.2	80.53	0.88	10/17/2017	
Surr: 1,2-Dichloroethane-d4			46.8	50.00		93.6			10/17/2017	
Surr: 4-Bromofluorobenzene			45.9	50.00		91.9			10/17/2017	
Surr: Dibromofluoromethane			48.4	50.00		96.7			10/17/2017	
Surr: Toluene-d8			49.0	50.00		97.9			10/17/2017	

Client: PSC Industrial Outsourcing, LP

Work Order: 17100875

Client Project: Champaign FMGP Q3 2017 Groundwater

Report Date: 23-Oct-17

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

Batch 135270		SampType: MS		Units µg/L						Date
SampID: 17100875-028CMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Benzene	2.0		41.3	50.00	0	82.6	62.5	121	10/17/2017	
Ethylbenzene	5.0		41.0	50.00	0	82.1	74.4	130	10/17/2017	
Toluene	5.0		41.4	50.00	0	82.7	69.5	118	10/17/2017	
Xylenes, Total	5.0		80.9	100.0	0	80.9	71.1	125	10/17/2017	
Surr: 1,2-Dichloroethane-d4			47.1	50.00		94.3	74.7	129	10/17/2017	
Surr: 4-Bromofluorobenzene			45.9	50.00		91.9	86	119	10/17/2017	
Surr: Dibromofluoromethane			48.9	50.00		97.7	81.7	123	10/17/2017	
Surr: Toluene-d8			48.7	50.00		97.4	84.3	114	10/17/2017	

Batch 135270		SampType: MSD		Units µg/L		RPD Limit 20				Date
SampID: 17100875-028CMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Benzene	2.0		40.6	50.00	0	81.3	41.30	1.59	10/17/2017	
Ethylbenzene	5.0		41.1	50.00	0	82.1	41.05	0.05	10/17/2017	
Toluene	5.0		40.8	50.00	0	81.7	41.35	1.24	10/17/2017	
Xylenes, Total	5.0		80.7	100.0	0	80.7	80.90	0.26	10/17/2017	
Surr: 1,2-Dichloroethane-d4			46.7	50.00		93.5			10/17/2017	
Surr: 4-Bromofluorobenzene			47.2	50.00		94.3			10/17/2017	
Surr: Dibromofluoromethane			48.0	50.00		96.0			10/17/2017	
Surr: Toluene-d8			48.1	50.00		96.2			10/17/2017	

Batch 135323		SampType: MBLK		Units µg/L						Date
SampID: MBLK-T171018A-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Benzene	2.0		ND						10/18/2017	
Ethylbenzene	5.0		ND						10/18/2017	
Toluene	5.0		ND						10/18/2017	
Xylenes, Total	5.0		ND						10/18/2017	
Surr: 1,2-Dichloroethane-d4			43.9	50.00		87.8	79.6	118	10/18/2017	
Surr: 4-Bromofluorobenzene			46.0	50.00		92.0	83.9	115	10/18/2017	
Surr: Dibromofluoromethane			46.0	50.00		92.0	84.9	113	10/18/2017	
Surr: Toluene-d8			49.5	50.00		99.0	86.7	112	10/18/2017	

Batch 135323		SampType: LCSD		Units µg/L		RPD Limit 40				Date
SampID: LCSD-T171018A-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Benzene	2.0		41.1	50.00	0	82.2	43.65	6.02	10/18/2017	
Ethylbenzene	5.0		42.5	50.00	0	84.9	45.31	6.47	10/18/2017	
Toluene	5.0		43.3	50.00	0	86.6	46.20	6.43	10/18/2017	
Xylenes, Total	5.0		126	150.0	0	83.8	135.9	7.78	10/18/2017	
Surr: 1,2-Dichloroethane-d4			46.5	50.00		93.1			10/18/2017	
Surr: 4-Bromofluorobenzene			43.9	50.00		87.7			10/18/2017	
Surr: Dibromofluoromethane			49.4	50.00		98.9			10/18/2017	
Surr: Toluene-d8			49.3	50.00		98.5			10/18/2017	

Client: PSC Industrial Outsourcing, LP

Work Order: 17100875

Client Project: Champaign FMGP Q3 2017 Groundwater

Report Date: 23-Oct-17

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

Batch 135323 **SampType:** LCS

Units µg/L

SampID: LCS-T171018A-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	2.0		43.6	50.00	0	87.3	77.8	120	10/18/2017
Ethylbenzene	5.0		45.3	50.00	0	90.6	81.8	117	10/18/2017
Toluene	5.0		46.2	50.00	0	92.4	82.2	113	10/18/2017
Xylenes, Total	5.0		136	150.0	0	90.6	82.7	118	10/18/2017
Surr: 1,2-Dichloroethane-d4			46.0	50.00		91.9	79.6	118	10/18/2017
Surr: 4-Bromofluorobenzene			43.6	50.00		87.2	83.9	115	10/18/2017
Surr: Dibromofluoromethane			48.3	50.00		96.7	84.9	113	10/18/2017
Surr: Toluene-d8			49.2	50.00		98.4	86.7	112	10/18/2017



Receiving Check List

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

Client: PSC Industrial Outsourcing, LP

Work Order: 17100875

Client Project: Champaign FMGP Q3 2017 Groundwater

Report Date: 23-Oct-17

Carrier: Employee

Received By: ML

Completed by: *Marvin L. Darling II*

Reviewed by: *Michael L. Austin*

On:

On:

13-Oct-17

13-Oct-17

Marvin L. Darling

Michael L. Austin

Pages to follow: Chain of custody

Extra pages included

- Shipping container/cooler in good condition? Yes No Not Present Temp °C **2.22**
- Type of thermal preservation? None Ice Blue Ice Dry Ice
- Chain of custody present? Yes No
- Chain of custody signed when relinquished and received? Yes No
- Chain of custody agrees with sample labels? Yes No
- Samples in proper container/bottle? Yes No
- Sample containers intact? Yes No
- Sufficient sample volume for indicated test? Yes No
- All samples received within holding time? Yes No
- Reported field parameters measured: Field Lab NA
- Container/Temp Blank temperature in compliance? Yes No

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

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

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

Headspace was present in the Trip Blank volatile vials. - MDarling - 10/13/2017 3:00:12 PM

Trip Blank collection date and time will be reported as the received date and time (end of trip). - MDarling - 10/13/2017 3:00:22 PM

CHAIN OF CUSTODY

pg. 1 of 3 Work order # 17100875

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 / Brandon Tee | Phone: (618) 281-7173
Contact: Brandon Tee | E-Mail: Brandon.Tee@Pscrow.com
E-Mail: Brandon.Tee@Pscrow.com Fax:

Samples on: ICE BLUE ICE NO ICE 222 °C
Preserved in: LAB FIELD FOR LAB USE ONLY
 KF/mc# 1013117
Lab Notes: Headspace in both TB vials. KF/mc# 1013117

Client Comments:
 Ro's required or less than TACO Tier I

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 Q3 2017 Groundwater	Sample Collector's Name <i>Chad Campbell</i>	Billing Instructions		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)	# and Type of Containers	OTHER	NaHSO4	MeOH	HCL	H2SO4	NaOH	HNO3	UNPRES	Drinking Water	Soil	Sludge	Special Waste	Groundwater	BTEX 8260	PAH 8270 SIM	Total Cyanide 9012
17100875-001	UMW-120		1												X	X	X		
002	UMW-119		1												X	X	X		
003	UMW-111A		1												X	X	X		
004	UMW-200		1												X	X	X		
005	UMW-102		1												X	X	X		
006	UMW-109		1												X	X	X		
007	UMW-118		1												X	X	X		
008	UMW-108		1												X	X	X		
009	UMW-303		1												X	X	X		
010	UMW-107R		1												X	X	X		

Relinquished By: *Chad Campbell* **Date/Time:** 10/13/17 14:25
Received By: *Brandon Tee* **Date/Time:** 10-13-17 14:25

CHAIN OF CUSTODY

pg. 2 of 3 Work order # 17100875

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 / Bradon Teele / Phone: (618) 281-7173
Contact: Bradon Teele / psctek.com / Fax:
E-Mail:

Samples on: BLUE ICE NO ICE 220 °C
Preserved in: LAB FIELD FOR LAB USE ONLY
Lab Notes

Client Comments:
 PO's less than or equal to TACO Tier I

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		Date/Time			
Champaign FMGP Q3 2017 Groundwater		Alex Cealigen									
Results Requested	Sample Identification	Date/Time Sampled	# and Type of Containers	OTHER	NaHSO4	MeOH	HCL	H2SO4	NaOH	HNO3	UNPRES
<input checked="" type="checkbox"/> Standard <input type="checkbox"/> 1-2 Day (100% Surcharge) <input type="checkbox"/> Other <input type="checkbox"/> 3 Day (50% Surcharge)	UMW-907R	10/11/17	1				2				
	UMW-117	10/11/17 11:45	1				2				
	UMW-116	10/11/17 12:59	1				2				
	UMW-106R	10/11/17 14:05	1				2				
	UMW-123	10/11/17 15:05	1				2				
	UMW-307	10/11/17 16:15	1				2				
	UMW-306	10/11/17 17:13	1				2				
	UMW-105	10/12/17 8:50	1				2				
	UMW-121	10/12/17 9:45	1				2				
	UMW-302	10/12/17 10:37	1				2				
Relinquished By		Date/Time		Received By		Date/Time		Date/Time			
<i>Alex Cealigen</i>		10/13/17 14:25		<i>Alex Cealigen</i>		10/13/17 14:25					

MATRIX	INDICATE ANALYSIS REQUESTED												
Drinking Water													
Aqueous													
Soil													
Sludge													
Special Waste													
Groundwater	X	X	X	X	X	X	X	X	X	X	X	X	X
BTEX 8260	X	X	X	X	X	X	X	X	X	X	X	X	X
PAH 8270 SIM	X	X	X	X	X	X	X	X	X	X	X	X	X
Total Cyanide 9012	X	X	X	X	X	X	X	X	X	X	X	X	X

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.

CHAIN OF CUSTODY

pg. 3 of 3 Work order # 17100375

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 / Borden Teel
Contact: Brendon Teel Phone: (618) 281-7173
E-Mail: Brendon.Teel@psc-nam.com Fax: _____

Samples on: ICE BLUE ICE NO ICE 2.22 °C
Preserved in: LAB FIELD **FOR LAB USE ONLY**
Lab Notes

Client Comments:
 RO'S equivalent less than TACO Tier I
 UMW-124, UMW-126, UMW-308
 TRIP BANK is paired with UMW-308.

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 Q3 2017 Groundwater
Sample Collector's Name: Alex Coody

Lab Use Only	Results Requested	Sample Identification	Date/Time Sampled	# and Type of Containers															
				UNPRES	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	OTHER								
17100375-021	Standard <input type="checkbox"/> 1-2 Day (100% Surcharge) <input type="checkbox"/> Other <input type="checkbox"/> 3 Day (50% Surcharge)	UMW-902	10/12/17	1															
-022		UMW-305	10/12/17 11:50	1															
-023		UMW-125	10/12/17 12:45	1															
-024		UMW-304R	10/12/17 13:45	1															
-025		UMW-127	10/12/17 14:30	1															
-026		UMW-301R	10/12/17 15:40	3															
-027		UMW-126	10/12/17 16:40	1															
-028		UMW-308	10/13/17 9:10	3															
-029		UMW-124	10/13/17 10:10	1															
-030		TRIP BANK	10/13/17	2															

MATRIX	INDICATE ANALYSIS REQUESTED																			
	Drinking Water	Soil	Sludge	Special Waste	Groundwater	BTEX 8260	PAH 8270 SIM	Total Cyanide 9012												
Aqueous					X	X	X	X												

Relinquished By: Alex Coody **Date/Time:** 10/13/17 14:25
Received By: [Signature] **Date/Time:** 10/13/17 14:25

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.