



August 10, 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 2, 2017 Sampling Event
Champaign Former MGP Site, Champaign, Illinois**

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

INTRODUCTION

The second quarter groundwater monitoring event of 2017 was conducted from July 5 through 7. During the July 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 second 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 September 2015 through July 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 July 2017 (Table 1, Attachment 1) ranged from 3.29 to 10.50 feet below land surface (BLS). The shallowest groundwater levels occurred on-site, with water levels ranging from 3.29 to 5.50 feet BLS.

As shown on Figure 1, the shallow groundwater flow from the FMGP Site is in a radial pattern towards the north, south, and west from the Site. 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 July 2017 ranged from 0.01 to 0.05 foot per foot (ft/ft).

Groundwater levels in the intermediate depth monitoring wells, which monitor the intermediate groundwater unit, ranged from 27.04 to 29.60 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 0.033 to 0.006 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 July 2017 groundwater sampling event. The shallow groundwater unit is classified as Class II, and the intermediate groundwater unit is classified as Class I groundwater. Five of the 27 monitoring wells sampled in the second 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-126, and off-site shallow well UMW-107R (as well has its duplicate) had benzene concentrations that exceeded Class II standards. Sample results for off-site shallow well UMW-118 had benzo(a)anthracene concentrations that exceeded Class II groundwater 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 14 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 July 2017 event.

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

Based on the results of the July 2017 groundwater sampling event, organic constituent (BTEX or PAHs) concentrations exceeded groundwater standards at shallow wells UMW-124, UMW-126, UMW-107R (and its duplicate), and UMW-118; and at intermediate well UMW-302. Shallow wells UMW-124 and UMW-126, located on-site, had respective benzene concentrations of 0.104 mg/L and 0.0944 mg/L versus a Class II groundwater standard of 0.025 mg/L. Off-site monitoring well UMW-107R and its duplicate, UMW-907, had benzene concentrations of 0.0407 mg/L and 0.0419 mg/L, respectively. Off-site monitoring well UMW-118 had a benzo(a)anthracene concentration of 0.00077 mg/L versus a Class II groundwater standard of 0.00065 mg/L. Benzo(a)anthracene has not previously been detected at this monitoring well. Results from future groundwater sampling events will be monitored to determine if this is an isolated incident or an evolving trend. No other sample results for shallow monitoring wells located on-site or off-site exceeded Class II standards for any BTEX or PAH compounds.

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 0.238 and 0.241 mg/L, versus a Class I groundwater standard of 0.005, and respective naphthalene concentrations of 1.94 and 1.77 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 second 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 less than 0.002 mg/L in March 2017 to 0.238 mg/L in July 2017. The naphthalene concentration in UMW-302 increased from 1.69 mg/L in March 2017 to 1.94 mg/L in July 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 second quarter 2017 concentrations of benzene and naphthalene are at approximately 15 and 41 percent, respectively, of those maximum concentrations. Organic constituents monitored at well UMW-302 will continue to fluctuate in response to remedial activities conducted at the FMGP Site.

CONCLUSIONS

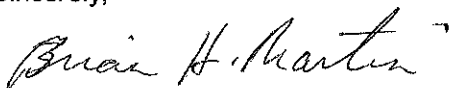
Based on the data collected in July 2017, constituent concentrations at four of the shallow monitoring wells (i.e., water-table wells) exceeded a Class II groundwater standard. Benzene concentrations exceeded Class II groundwater standards at on-site shallow monitoring wells UMW-124 and UMW-126, and off-site well UMW-107R and its duplicate, UMW-907. The benzo(a)anthracene concentration at off-site shallow monitoring well UMW-118 also exceeded the Class II groundwater standard. 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 second 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 second 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 September 2017.

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 September 2015 through July 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 Zone Groundwater Level Contour Map –
July 2017

Figure 2 – Intermediate Zone Groundwater Level Contour Map –
July 2017

Figure 3 – Exceedances of Class I Groundwater Standards
July 2017 Sampling Event

Figure 4 – Benzene Concentration Trends in Off-Site Wells Exceeding
Groundwater Standards

Figure 5 – Naphthalene Concentration Trends in Off-Site Wells Exceeding
Groundwater Standards

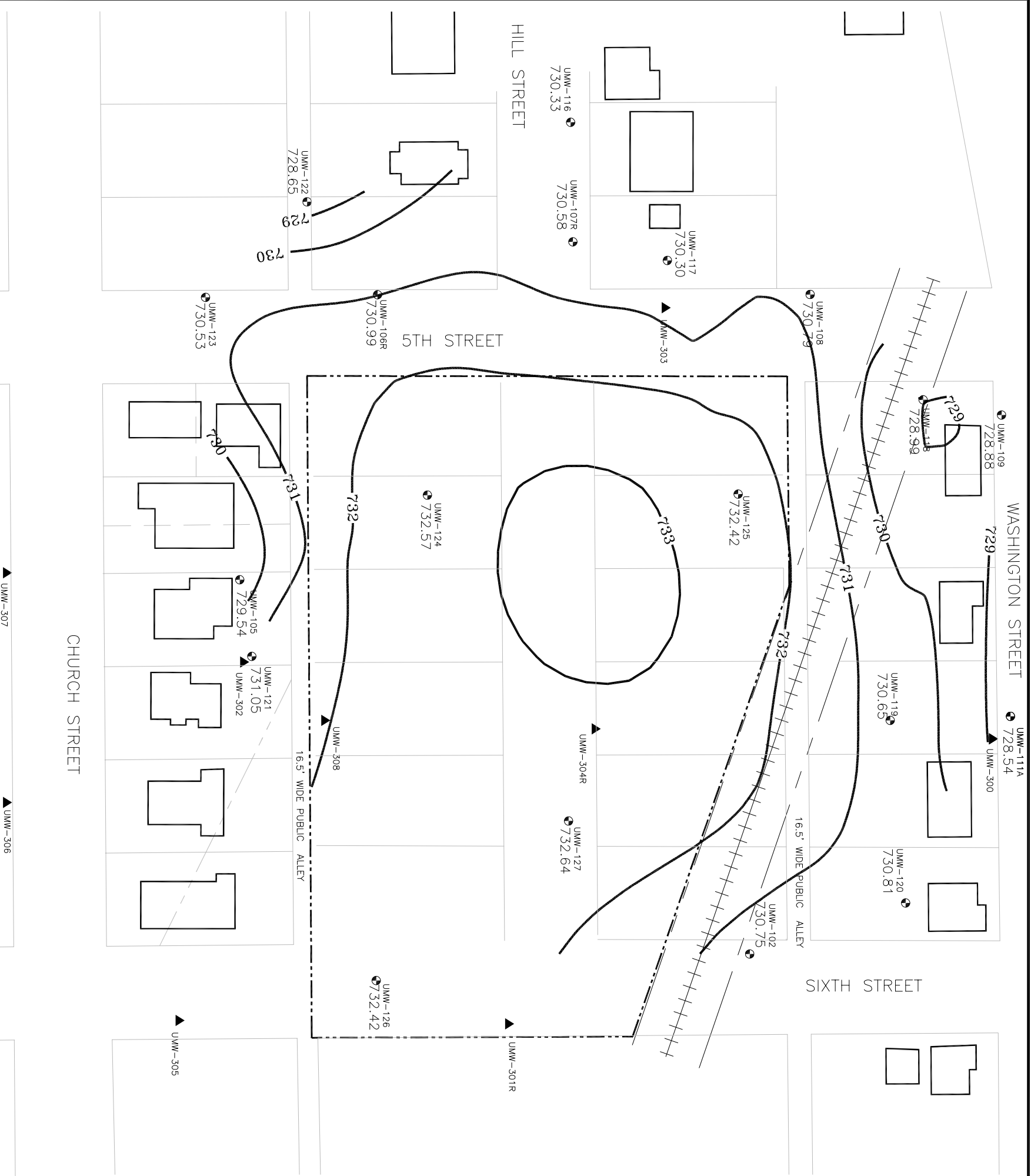
TABLE 1
 Groundwater Measurement Data
 July 2017 Groundwater Monitoring Report
 Ameren Illinois
 Champaign FMGP Site
 Champaign, Illinois

Monitoring Well Number	Total Depth (feet)	Monitored Interval (feet BLS)	Elevation (feet NGVD)		July 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	6.57	730.75	27.0
UMW-105	19.70	9.50 - 19.70	737.33	737.70	7.79	729.54	12.0
UMW-106 R	17.00	7.00 - 17.00	737.18	737.43	6.19	730.99	16.0
UMW-107 R	19.70	9.50 - 19.70	737.29	737.30	6.71	730.58	21.0
UMW-108	15.00	4.80 - 15.00	736.86	737.10	6.07	730.79	18.0
UMW-109	20.00	10.00 - 20.00	735.11	735.50	6.23	728.88	18.0
UMW-111A	22.80	9.00 - 22.80	736.71	737.00	8.17	728.54	15.0
UMW-116	20.00	10.00 - 20.00	736.23	736.50	5.90	730.33	18.0
UMW-117	15.00	5.00 - 15.00	737.53	737.81	7.23	730.30	18.0
UMW-118	15.00	5.00 - 15.00	736.20	736.43	7.21	728.99	18.0
UMW-119	15.00	5.00 - 15.00	736.80	737.09	6.15	730.65	18.0
UMW-120	15.00	5.00 - 15.00	737.02	737.53	6.21	730.81	18.0
UMW-121	15.00	5.00 - 15.00	738.46	738.80	7.41	731.05	8.0
UMW-122	19.75	5.00 - 15.00	739.15	739.44	10.50	728.65	--
UMW-123	15.89	5.89 - 15.89	737.24	737.53	6.71	730.53	14.0
UMW-124	15.27	4.97 - 15.02	737.10	737.28	4.53	732.57	18.0
UMW-125	15.33	5.06 - 15.11	737.92	738.05	5.50	732.42	14.0
UMW-126	15.40	5.13 - 15.18	736.38	736.55	3.96	732.42	18.0
UMW-127	15.38	5.11 - 15.16	735.93	736.14	3.29	732.64	12.0
UMW-300	45.00	35.00 - 45.00	736.57	736.79	27.04	709.53	18.0
UMW-301R	46.65	36.50 - 46.05	736.11	736.20	27.08	709.03	15.0
UMW-302	45.00	35.00 - 45.00	738.58	738.88	29.60	708.98	15.0
UMW-303	45.00	35.00 - 45.00	737.05	737.38	27.26	709.79	18.0
UMW-304R	46.16	36.01 - 45.56	736.48	736.72	27.34	709.14	18.0
UMW-305	45.00	35.00 - 45.00	737.51	737.74	28.60	708.91	18.0
UMW-306	47.00	37.00 - 47.00	736.90	737.18	28.06	708.84	15.0
UMW-307	47.00	37.00 - 47.00	736.92	737.19	28.18	708.74	15.0
UMW-308	45.29	35.14 - 44.69	737.21	737.39	28.24	708.97	18.0

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)

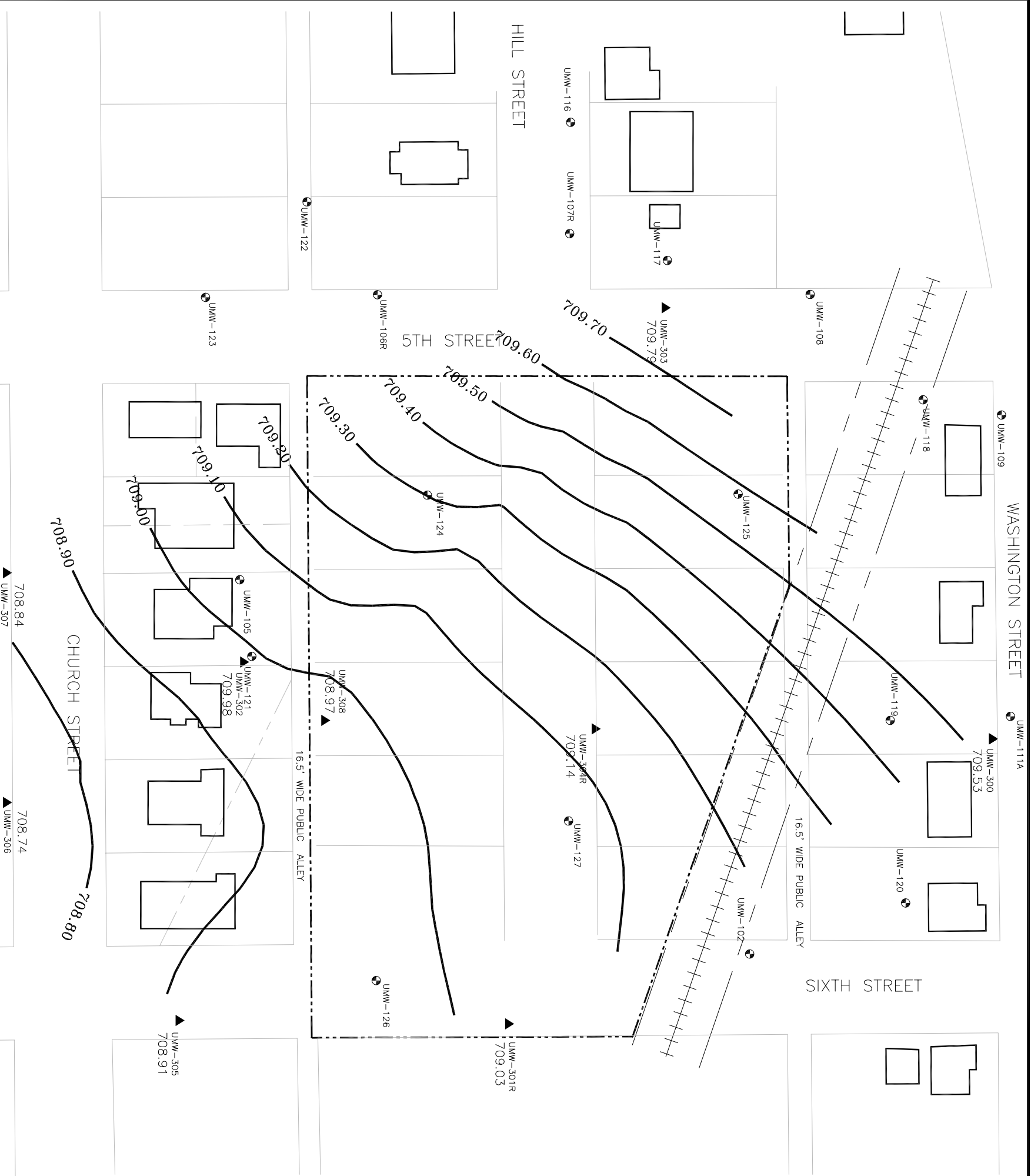
SOURCE:

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 known.



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

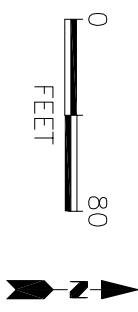
DWN:	TMM	DES:	Project No: 62412010008
CHKD:		APPD:	AMEREN ILLINOIS CHAMPAIGN, ILLINOIS
DATE:	8/8/17	REV:	FIGURE 1



- 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

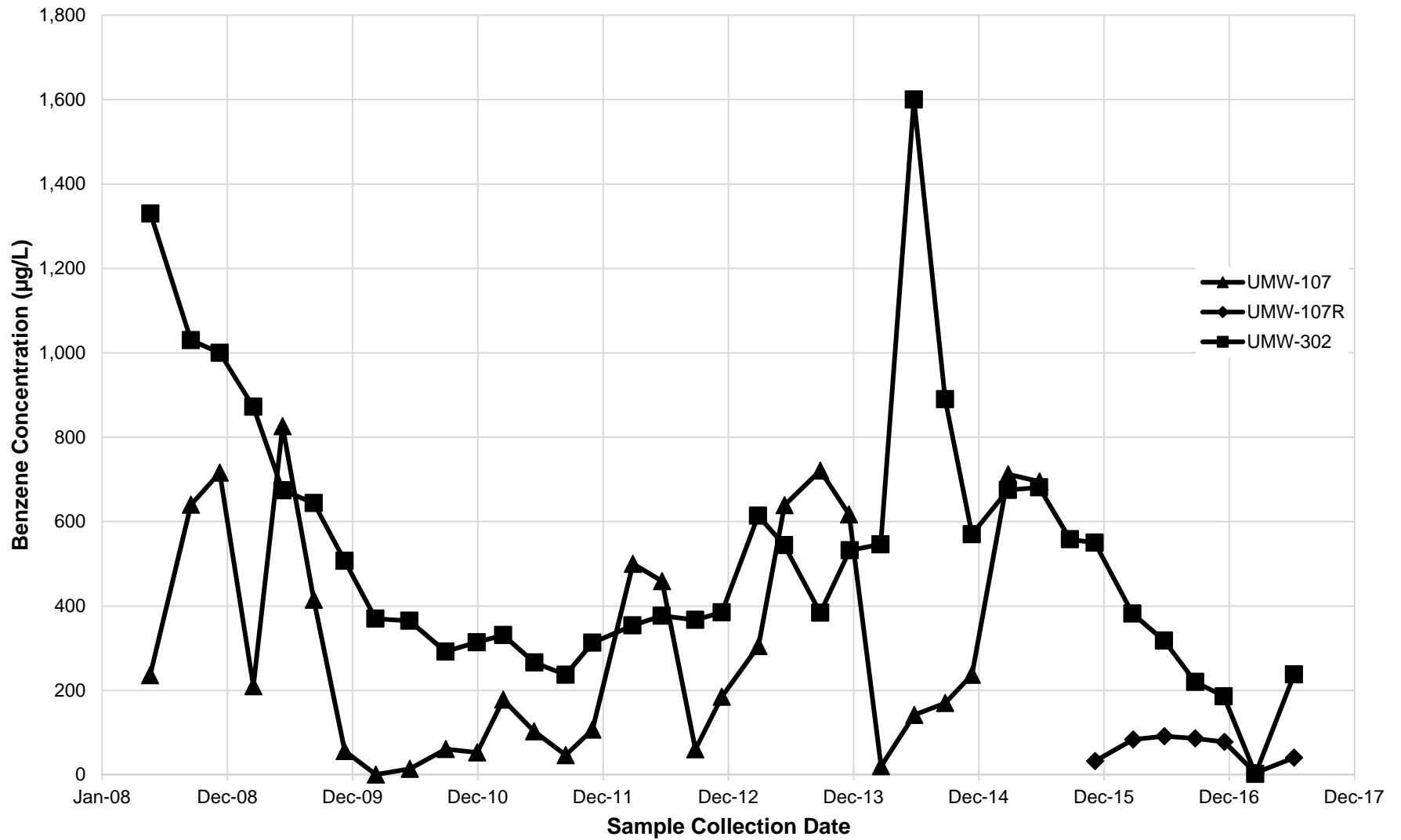
SOURCE:

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
 JULY 2017
 CHAMPAIGN, ILLINOIS

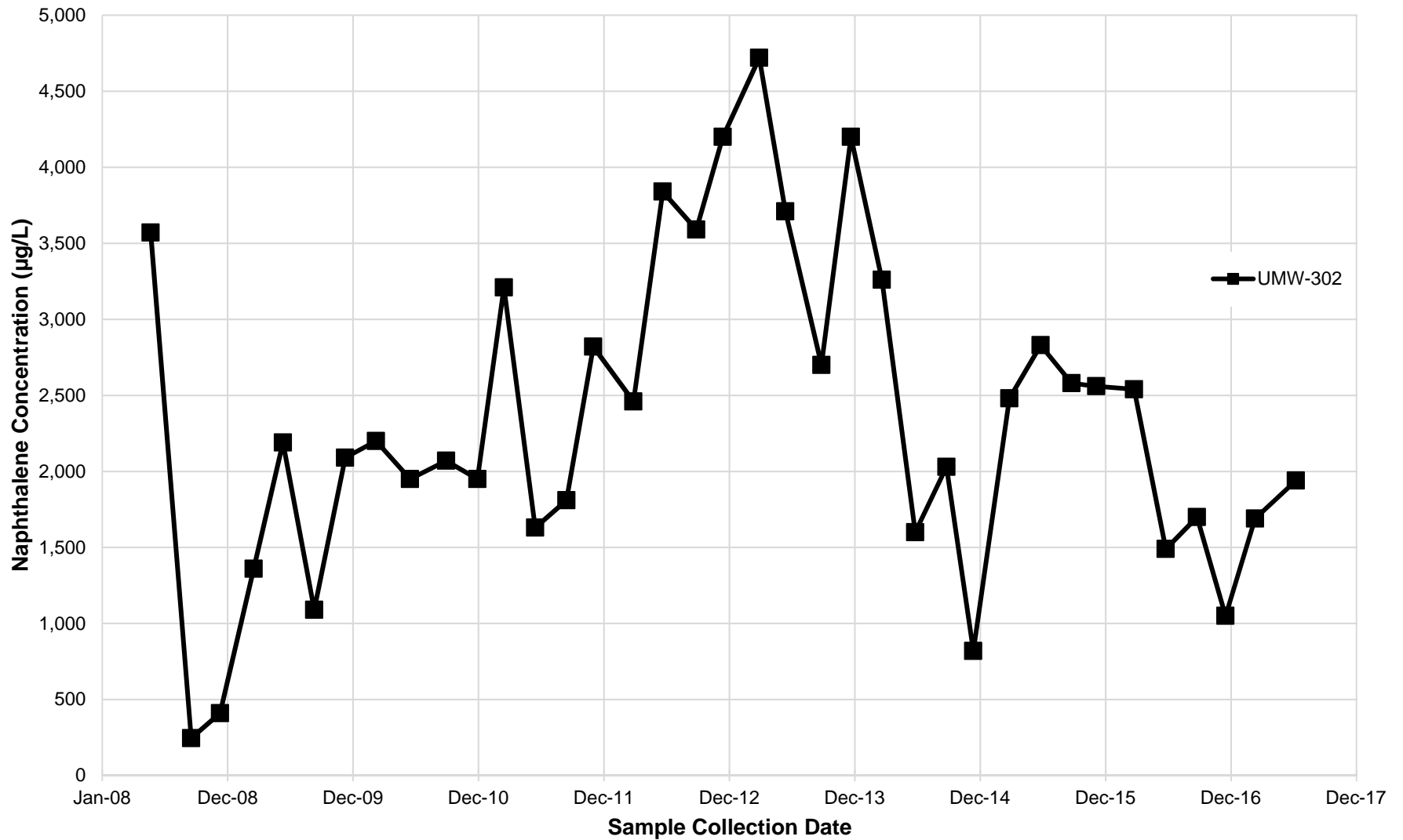
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CHKD:		APPD:	
DATE:	8/8/17	REV:	
Project No: 62412010008		AMEREN ILLINOIS CHAMPAIGN, ILLINOIS	
FIGURE 2			



**Benzene Concentration Trends in Wells
Exceeding Groundwater Standards
Through July 2017**

Project No. 62412010008
Ameren Illinois
Champaign, Illinois

Figure 4



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

Project No. 62412010008
Ameren Illinois
Champaign, Illinois

Figure 5

ATTACHMENT 2

Groundwater Data from September 2015 through July 2017

Champaign Former MGP
Analysis Results by Parameter
September 2015 Through July 2017

Well ID	Date Sampled	Acenaphthene (µg/L)	Acenaphthylene (µg/L)	Anthracene (µg/L)	Benzene (µg/L)	Benzo(a)anthracene (µg/L)
UMW-102	9/21/2015	<0.1	<0.1	<0.1	<2	<0.1
	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	9/22/2015	<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
7/6/2017	<0.1	<0.1	<0.1	<2	<0.1	
UMW-106R	9/22/2015	<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
	3/8/2017	<0.1	<0.1	<0.1	<2	<0.1
7/6/2017	<0.1	<0.1	<0.1	<2	<0.1	
UMW-107R	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
	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	
UMW-108	9/22/2015	<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
	6/23/2016	<0.1	<0.1	<0.1	<2	<0.1
	9/21/2016	<0.1	<0.1	<0.1	<2	<0.1
	12/15/2016	<0.1	<0.1	<0.1	<2	<0.1
	3/7/2017	<0.1	<0.1	<0.1	<2	<0.1
7/6/2017	<0.1	<0.1	<0.1	<2	<0.1	

Champaign Former MGP
Analysis Results by Parameter
September 2015 Through July 2017

Well ID	Date Sampled	Acenaphthene (µg/L)	Acenaphthylene (µg/L)	Anthracene (µg/L)	Benzene (µg/L)	Benzo(a)anthracene (µg/L)
UMW-109	9/22/2015	<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
	9/21/2016	<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-111A	9/22/2015	<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
	9/21/2016	<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
UMW-116	9/22/2015	<0.1	<0.1	<0.1	<2	<0.1
	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
UMW-117	9/23/2015	<0.1	<0.1	<0.1	<2	<0.1
	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
UMW-118	9/23/2015	<0.1	<0.1	<0.1	<2	<0.1
	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

Champaign Former MGP
Analysis Results by Parameter
September 2015 Through July 2017

Well ID	Date Sampled	Acenaphthene (µg/L)	Acenaphthylene (µg/L)	Anthracene (µg/L)	Benzene (µg/L)	Benzo(a)anthracene (µg/L)
UMW-119	9/21/2015	<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
	9/21/2016	<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-120	9/21/2015	<0.1	<0.1	<0.1	<2	<0.1
	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
UMW-121	9/22/2015	<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
	9/21/2016	<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
UMW-122	9/23/2015				<2	
	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	9/23/2015	<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
	6/21/2016	<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

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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	9/22/2015	0.71	0.52	<0.1	206	<0.1
	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
UMW-125	9/23/2015	<0.1	<0.1	<0.1	34.9	<0.1
	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	
UMW-126	9/22/2015	<0.1	<0.1	<0.1	48.9	<0.1
	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
UMW-127	9/22/2015	0.22	2.43	<0.1	3.5	<0.1
	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
UMW-300	9/22/2015	<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
	9/21/2016	<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

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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-301R	9/22/2015	2.57	3.04	<0.1	<2	<0.1
	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
UMW-302	9/22/2015	0.16	0.39	<0.1	558	<0.1
	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
UMW-303	9/22/2015	<0.1	<0.1	<0.1	<2	<0.1
	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
	UMW-304R	9/23/2015	0.68	1.49	<0.1	<2
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
UMW-305	9/21/2015	<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
	9/21/2016	<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

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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	9/21/2015	<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
	9/21/2016	<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
UMW-307	9/21/2015	<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
	3/9/2017	<0.1	<0.1	<0.1	<2	<0.1
	7/5/2017	<0.1	<0.1	<0.1	<2	0.06
UMW-308	9/23/2015	<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
	6/21/2016	<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

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-102	9/21/2015	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	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
UMW-105	9/22/2015	0.074	<0.1	<0.1	<0.1	<0.1	<0.1
	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	
UMW-106R	9/22/2015	0.034	<0.1	<0.1	<0.1	<0.1	<0.1
	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	
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	
UMW-108	9/22/2015	0.031	<0.1	<0.1	<0.1	<0.1	<0.1
	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	

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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	9/22/2015	0.038	<0.1	<0.1	<0.1	<0.1	<0.1
	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
UMW-111A	9/22/2015	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	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
UMW-116	9/22/2015	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	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
UMW-117	9/23/2015	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	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
UMW-118	9/23/2015	0.037	<0.1	<0.1	<0.1	<0.1	<0.1
	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

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UMW-119	9/21/2015	0.037	<0.1	<0.1	<0.1	<0.1	<0.1
	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
UMW-120	9/21/2015	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	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
UMW-121	9/22/2015	0.214	<0.1	<0.1	<0.1	<0.1	<0.1
	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
UMW-122	9/23/2015	0.041	<0.1	<0.1	<0.1	<0.1	<0.1
	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	9/23/2015	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	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

Champaign Former MGP
Analysis Results by Parameter
September 2015 Through July 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	9/22/2015	0.02	<0.1	<0.1	<0.1	<0.1	<0.1
	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
UMW-125	9/23/2015	0.013	<0.1	<0.1	<0.1	<0.1	<0.1
	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	
UMW-126	9/22/2015	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	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
UMW-127	9/22/2015	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	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
UMW-300	9/22/2015	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	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

Champaign Former MGP
Analysis Results by Parameter
September 2015 Through July 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	9/22/2015	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	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
UMW-302	9/22/2015	0.144	<0.1	<0.1	<0.1	<0.1	<0.1
	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	
UMW-303	9/22/2015	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	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
UMW-304R	9/23/2015	0.004	<0.1	<0.1	<0.1	<0.1	<0.1
	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
UMW-305	9/21/2015	0.013	<0.1	<0.1	<0.1	<0.1	<0.1
	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

Champaign Former MGP
Analysis Results by Parameter
September 2015 Through July 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	9/21/2015	0.024	<0.1	<0.1	<0.1	<0.1	<0.1
	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
UMW-307	9/21/2015	0.062	<0.1	<0.1	<0.1	<0.1	<0.1
	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
UMW-308	9/23/2015	0.034	<0.1	<0.1	<0.1	<0.1	<0.1
	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

Champaign Former MGP
Analysis Results by Parameter
September 2015 Through July 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	9/21/2015	<0.1	<5	<0.1	<0.1	<0.1
	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
UMW-105	9/22/2015	<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
	9/22/2016	<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	
UMW-106R	9/22/2015	<0.1	<5	<0.1	<0.1	<0.1
	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	
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
UMW-108	9/22/2015	<0.1	<5	<0.1	<0.1	<0.1
	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	

Champaign Former MGP
Analysis Results by Parameter
September 2015 Through July 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	9/22/2015	<0.1	<5	<0.1	<0.1	<0.1
	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-111A	9/22/2015	<0.1	<5	<0.1	<0.1	<0.1
	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
UMW-116	9/22/2015	<0.1	<5	<0.1	<0.1	<0.1
	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
UMW-117	9/23/2015	<0.1	<5	<0.1	<0.1	<0.1
	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
UMW-118	9/23/2015	<0.1	<5	<0.1	<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	0.18	<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

Champaign Former MGP
Analysis Results by Parameter
September 2015 Through July 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	9/21/2015	<0.1	<5	<0.1	<0.1	<0.1
	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	9/21/2015	<0.1	<5	<0.1	<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
7/6/2017	<0.1	<5	<0.1	<0.1	<0.1	
UMW-121	9/22/2015	<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
	3/9/2017	<0.1	<5	<0.1	<0.1	<0.1
7/6/2017	<0.1	<5	<0.1	<0.1	<0.1	
UMW-122	9/23/2015		<5			
	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
UMW-123	9/23/2015	<0.1	<5	<0.1	<0.1	<0.1
	12/2/2015	<0.1	<5	<0.1	<0.1	<0.1
	3/23/2016	<0.1	<5	<0.1	<0.1	<0.1
	6/21/2016	<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	

Champaign Former MGP
Analysis Results by Parameter
September 2015 Through July 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	9/22/2015	<0.1	20	<0.1	0.26	<0.1
	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
UMW-125	9/23/2015	<0.1	<5	<0.1	<0.1	<0.1
	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
UMW-126	9/22/2015	<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
	6/21/2016	<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
UMW-127	9/22/2015	<0.1	<5	<0.1	0.17	<0.1
	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
UMW-300	9/22/2015	<0.1	<5	<0.1	<0.1	<0.1
	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

Champaign Former MGP
Analysis Results by Parameter
September 2015 Through July 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	9/22/2015	<0.1	<5	<0.1	0.11	<0.1
	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
UMW-302	9/22/2015	<0.1	815	<0.1	<0.1	<0.1
	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	
UMW-303	9/22/2015	<0.1	<5	<0.1	<0.1	<0.1
	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
UMW-304R	9/23/2015	<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
	6/21/2016	<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
UMW-305	9/21/2015	<0.1	<5	<0.1	<0.1	<0.1
	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

Champaign Former MGP
Analysis Results by Parameter
September 2015 Through July 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	9/21/2015	<0.1	<5	<0.1	<0.1	<0.1
	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
UMW-307	9/21/2015	<0.1	<5	<0.1	<0.1	<0.1
	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
UMW-308	9/23/2015	<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
	6/21/2016	<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

Champaign Former MGP
Analysis Results by Parameter
September 2015 Through July 2017

Well ID	Date Sampled	Naphthalene (µg/L)	Phenanthrene (µg/L)	Pyrene (µg/L)	Toluene (µg/L)	Xylene, total (µg/L)
UMW-102	9/21/2015	<0.1	<0.1	<0.1	<5	<5
	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	9/22/2015	<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
7/6/2017	<0.1	<0.1	<0.1	<5	<5	
UMW-106R	9/22/2015	<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
	3/8/2017	<0.1	<0.1	<0.1	<5	<5
	7/6/2017	<0.1	<0.1	<0.1	<5	<5
UMW-107R	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
	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	
UMW-108	9/22/2015	<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
	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

Champaign Former MGP
Analysis Results by Parameter
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Well ID	Date Sampled	Naphthalene (µg/L)	Phenanthrene (µg/L)	Pyrene (µg/L)	Toluene (µg/L)	Xylene, total (µg/L)
UMW-109	9/22/2015	<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
	12/15/2016	<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	9/22/2015	<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
	7/6/2017	<0.1	<0.1	<0.1	<5	<5
UMW-116	9/22/2015	<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
	3/8/2017	<0.1	<0.1	<0.1	<5	<5
	7/6/2017	<0.1	<0.1	<0.1	<5	<5
UMW-117	9/23/2015	<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
	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
UMW-118	9/23/2015	<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
	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

Champaign Former MGP
Analysis Results by Parameter
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Well ID	Date Sampled	Naphthalene (µg/L)	Phenanthrene (µg/L)	Pyrene (µg/L)	Toluene (µg/L)	Xylene, total (µg/L)
UMW-119	9/21/2015	<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
	12/15/2016	<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-120	9/21/2015	<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
	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
UMW-121	9/22/2015	<0.1	<0.1	<0.1	<5	<5
	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
UMW-122	9/23/2015				<5	<5
	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	9/23/2015	<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
	6/21/2016	<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

Champaign Former MGP
Analysis Results by Parameter
September 2015 Through July 2017

Well ID	Date Sampled	Naphthalene (µg/L)	Phenanthrene (µg/L)	Pyrene (µg/L)	Toluene (µg/L)	Xylene, total (µg/L)
UMW-124	9/22/2015	81	0.23	<0.1	72.1	53.3
	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
UMW-125	9/23/2015	1.1	0.13	<0.1	1.6	1.2
	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
UMW-126	9/22/2015	<0.1	<0.1	<0.1	<5	<5
	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
UMW-127	9/22/2015	2.04	0.4	<0.1	1.1	1
	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
UMW-300	9/22/2015	<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
	3/9/2017	<0.1	<0.1	<0.1	<5	<5
	7/6/2017	0.18	<0.1	<0.1	<5	<5

Champaign Former MGP
Analysis Results by Parameter
September 2015 Through July 2017

Well ID	Date Sampled	Naphthalene (µg/L)	Phenanthrene (µg/L)	Pyrene (µg/L)	Toluene (µg/L)	Xylene, total (µg/L)
UMW-301R	9/22/2015	<0.1	<0.1	<0.1	<5	<5
	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
UMW-302	9/22/2015	2,580	<0.1	<0.1	10	226
	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	
UMW-303	9/22/2015	<0.1	<0.1	<0.1	<5	<5
	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
UMW-304R	9/23/2015	0.17	<0.1	<0.1	<5	<5
	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
UMW-305	9/21/2015	<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	<0.23	<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

Champaign Former MGP
Analysis Results by Parameter
September 2015 Through July 2017

Well ID	Date Sampled	Naphthalene (µg/L)	Phenanthrene (µg/L)	Pyrene (µg/L)	Toluene (µg/L)	Xylene, total (µg/L)
UMW-306	9/21/2015	<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	<0.29	<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
UMW-307	9/21/2015	<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	<0.25	<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
UMW-308	9/23/2015	<0.1	<0.1	<0.1	<5	<5
	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

ATTACHMENT 3

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

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

CONSTITUENT (mg/L)	Class I Standard	Class II Standard	Units	UMW-102 7/5/2017	UMW-105 7/6/2017	UMW-106R 7/6/2017	UMW-107R 7/6/2017	UMW-907 ⁽²⁾ 7/7/2017	UMW-108 7/6/2017	UMW-109 7/5/2017	UMW-111A 7/6/2017	UMW-116 7/6/2017	UMW-117 7/6/2017	UMW-118 7/6/2017
Benzene	0.005	0.025	mg/L	< 0.002	< 0.002	< 0.002	0.0407	0.0419	< 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	0.00017
Acenaphthylene	0.21 ⁽¹⁾	1.05 ⁽¹⁾	mg/L	< 0.0001	< 0.0001	< 0.0001	0.00011	0.0001 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00037
Anthracene	2.1	10.5	mg/L	< 0.0001	< 0.0001	< 0.0001	0.00011	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	0.00006 J	0.00006 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00006 J	0.00077
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	0.00093
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	0.00094
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	0.00037
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	0.00036
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	0.00048
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	0.00104
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	0.00011
Indeno(1,2,3-cd)pyrene	0.00043	0.00215	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00033
Naphthalene	0.14	0.22	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00053	< 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	0.00014
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	0.005
Cyanide (total) 9012A	0.20	0.60	mg/L	< 0.005	0.063	0.033	0.544	0.526	0.029	0.012	< 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
July 2017
Champaign Former MGP Site
Champaign, Illinois

CONSTITUENT (mg/L)	Class I Standard	Class II Standard	Units	UMW-119 7/6/2017	UMW-120 7/6/2017	UMW-121 7/6/2017	UMW-122 not sampled	UMW-123 7/6/2017	UMW-124 7/7/2017	UMW-125 7/6/2017	UMW-126 7/7/2017	UMW-127 7/7/2017	UMW-300 7/6/2017	UMW-301 R 7/7/2017
Benzene	0.005	0.025	mg/L	< 0.002	< 0.002	< 0.002	--	< 0.002	0.104	0.0226	0.0944	0.0036	< 0.002	< 0.002
Ethylbenzene	0.70	1.00	mg/L	< 0.005	< 0.005	< 0.005	--	< 0.005	0.0106	< 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	0.0448	< 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	0.028	< 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	0.00067	0.0001	< 0.0001	0.00033	< 0.0001	0.00348
Acenaphthylene	0.21 ⁽¹⁾	1.05 ⁽¹⁾	mg/L	< 0.0001	< 0.0001	< 0.0001	--	< 0.0001	0.00041	< 0.0001	< 0.0001	0.00319	< 0.0001	0.004 S
Anthracene	2.1	10.5	mg/L	< 0.0001	< 0.0001	< 0.0001	--	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	0.00013	0.00065	mg/L	< 0.0001	< 0.0001	0.00006 J	--	< 0.0001	0.00008 J	< 0.0001	0.00006 J	0.00007 J	< 0.0001	< 0.0001 S
Benzo(a)pyrene	0.0002	0.0020	mg/L	< 0.0001	< 0.0001	< 0.0001	--	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	0.00018	0.00900	mg/L	< 0.0001	< 0.0001	< 0.0001	--	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	0.21 ⁽¹⁾	1.05 ⁽¹⁾	mg/L	< 0.0001	< 0.0001	< 0.0001	--	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(k)fluoranthene	0.00017	0.00085	mg/L	< 0.0001	< 0.0001	< 0.0001	--	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Chrysene	0.0015	0.0075	mg/L	< 0.0001	< 0.0001	< 0.0001	--	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	0.0003	0.0015	mg/L	< 0.0001	< 0.0001	< 0.0001	--	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Fluoranthene	0.28	1.40	mg/L	< 0.0001	< 0.0001	< 0.0001	--	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Fluorene	0.28	1.40	mg/L	< 0.0001	< 0.0001	< 0.0001	--	< 0.0001	0.00031	< 0.0001	< 0.0001	0.00027	< 0.0001	0.00016
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	0.0479	0.0013	< 0.0001	0.00248	0.00018	< 0.0001
Phenanthrene	0.21 ⁽¹⁾	1.05 ⁽¹⁾	mg/L	< 0.0001	< 0.0001	< 0.0001	--	< 0.0001	0.00028	0.00011	< 0.0001	0.00047	< 0.0001	< 0.0001
Pyrene	0.21	1.05	mg/L	< 0.0001	< 0.0001	< 0.0001	--	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Cyanide (total) 9012A	0.20	0.60	mg/L	0.041	< 0.005	0.148	--	< 0.005	0.01	0.029	0.004 J	< 0.005	< 0.005	< 0.005

Notes:

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



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

CONSTITUENT (mg/L)	Class I Standard	Class II Standard	Units	UMW-302 7/6/2017	UMW-902 ⁽³⁾ 7/7/2017	UMW-303 7/6/2017	UMW-304R 7/7/2017	UMW-305 7/6/2017	UMW-306 7/5/2017	UMW-307 7/5/2017	UMW-308 7/7/2017
Benzene	0.005	0.025	mg/L	0.238	0.241	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Ethylbenzene	0.70	1.00	mg/L	0.582	0.573	< 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	0.128	0.126	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Acenaphthene	0.42	2.10	mg/L	0.0003	0.0003	< 0.0001	0.00082	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	0.21 ⁽¹⁾	1.05 ⁽¹⁾	mg/L	0.00053	0.0005	< 0.0001	0.00187	< 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	0.00006 J	< 0.0001	< 0.0001	0.00006 J	< 0.0001 S
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	1.94	1.77	< 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
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	0.119	0.135	< 0.005	< 0.005	0.008	0.036	0.028	0.021

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



August 10, 2017

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RE: Champaign FMGP Q2 2017 GW

WorkOrder: 17070339

Dear Brandon Teel:

TEKLAB, INC received 31 samples on 7/7/2017 3:25:00 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: 17070339

Client Project: Champaign FMGP Q2 2017 GW

Report Date: 10-Aug-17

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Client: PSC Industrial Outsourcing, LP

Work Order: 17070339

Client Project: Champaign FMGP Q2 2017 GW

Report Date: 10-Aug-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: 17070339

Client Project: Champaign FMGP Q2 2017 GW

Report Date: 10-Aug-17

Cooler Receipt Temp: 3.62 °C

This report was revised on 08/10/2017 per Dan Wheaton's request. The reason for the revision is to correct several Collection Dates on the final report. Please replace report dated 07/14/2017 with this report. MLA 08/10/2017

Samples Revised:

UMW-109	17070339-006	From 7/6/17 To 7/5/17
UMW-119	17070339-011	From 7/6/17 To 7/5/17
UMW-124	17070339-015	From 7/6/17 To 7/7/17
UMW-304R	17070339-023	From 7/6/17 To 7/7/17
UMW-306	17070339-025	From 7/6/17 To 7/5/17
UMW-307	17070339-026	From 7/6/17 To 7/5/17

Locations

Collinsville

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425

Phone (618) 344-1004

Fax (618) 344-1005

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Springfield

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Fax (217) 698-1005

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Phone (913) 541-1998

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Phone (630) 324-6855

Fax

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Accreditations

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

Client: PSC Industrial Outsourcing, LP

Work Order: 17070339

Client Project: Champaign FMGP Q2 2017 GW

Report Date: 10-Aug-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		5/31/2017	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		8/31/2017	Collinsville



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP
 Client Project: Champaign FMGP Q2 2017 GW
 Lab ID: 17070339-001
 Matrix: GROUNDWATER

Work Order: 17070339
 Report Date: 10-Aug-17
 Client Sample ID: UMW-102
 Collection Date: 07/05/2017 16:05

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		< 0.005	mg/L	1	07/11/2017 12:16	132014
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	07/10/2017 16:44	132001
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	07/10/2017 16:44	132001
Anthracene	NELAP	0.00010		ND	mg/L	1	07/10/2017 16:44	132001
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	07/10/2017 16:44	132001
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	07/10/2017 16:44	132001
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/10/2017 16:44	132001
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	07/10/2017 16:44	132001
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/10/2017 16:44	132001
Chrysene	NELAP	0.00010		ND	mg/L	1	07/10/2017 16:44	132001
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	07/10/2017 16:44	132001
Fluoranthene	NELAP	0.00010		ND	mg/L	1	07/10/2017 16:44	132001
Fluorene	NELAP	0.00010		ND	mg/L	1	07/10/2017 16:44	132001
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	07/10/2017 16:44	132001
Naphthalene	NELAP	0.00010		ND	mg/L	1	07/10/2017 16:44	132001
Phenanthrene	NELAP	0.00010		ND	mg/L	1	07/10/2017 16:44	132001
Pyrene	NELAP	0.00010		ND	mg/L	1	07/10/2017 16:44	132001
Surr: 2-Fluorobiphenyl		13.8-99.2		71.8	%REC	1	07/10/2017 16:44	132001
Surr: Nitrobenzene-d5		15.3-96.2		70.8	%REC	1	07/10/2017 16:44	132001
Surr: p-Terphenyl-d14		10-109		76.9	%REC	1	07/10/2017 16:44	132001
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	07/10/2017 11:54	132035
Ethylbenzene	NELAP	5.0		ND	µg/L	1	07/10/2017 11:54	132035
Toluene	NELAP	5.0		ND	µg/L	1	07/10/2017 11:54	132035
Xylenes, Total	NELAP	5.0		ND	µg/L	1	07/10/2017 11:54	132035
Surr: 1,2-Dichloroethane-d4		79.6-118		85.4	%REC	1	07/10/2017 11:54	132035
Surr: 4-Bromofluorobenzene		83.9-115		98.6	%REC	1	07/10/2017 11:54	132035
Surr: Dibromofluoromethane		84.9-113		93.7	%REC	1	07/10/2017 11:54	132035
Surr: Toluene-d8		86.7-112		96.3	%REC	1	07/10/2017 11:54	132035



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP
 Client Project: Champaign FMGP Q2 2017 GW
 Lab ID: 17070339-002
 Matrix: GROUNDWATER

Work Order: 17070339
 Report Date: 10-Aug-17
 Client Sample ID: UMW-105
 Collection Date: 07/06/2017 16:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.010		0.063	mg/L	2	07/11/2017 17:09	132014
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	07/10/2017 17:16	132001
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	07/10/2017 17:16	132001
Anthracene	NELAP	0.00010		ND	mg/L	1	07/10/2017 17:16	132001
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	07/10/2017 17:16	132001
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	07/10/2017 17:16	132001
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/10/2017 17:16	132001
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	07/10/2017 17:16	132001
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/10/2017 17:16	132001
Chrysene	NELAP	0.00010		ND	mg/L	1	07/10/2017 17:16	132001
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	07/10/2017 17:16	132001
Fluoranthene	NELAP	0.00010		ND	mg/L	1	07/10/2017 17:16	132001
Fluorene	NELAP	0.00010		ND	mg/L	1	07/10/2017 17:16	132001
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	07/10/2017 17:16	132001
Naphthalene	NELAP	0.00010		ND	mg/L	1	07/10/2017 17:16	132001
Phenanthrene	NELAP	0.00010		ND	mg/L	1	07/10/2017 17:16	132001
Pyrene	NELAP	0.00010		ND	mg/L	1	07/10/2017 17:16	132001
Surr: 2-Fluorobiphenyl		13.8-99.2		72.4	%REC	1	07/10/2017 17:16	132001
Surr: Nitrobenzene-d5		15.3-96.2		72.9	%REC	1	07/10/2017 17:16	132001
Surr: p-Terphenyl-d14		10-109		73.3	%REC	1	07/10/2017 17:16	132001
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	07/10/2017 12:21	132035
Ethylbenzene	NELAP	5.0		ND	µg/L	1	07/10/2017 12:21	132035
Toluene	NELAP	5.0		ND	µg/L	1	07/10/2017 12:21	132035
Xylenes, Total	NELAP	5.0		ND	µg/L	1	07/10/2017 12:21	132035
Surr: 1,2-Dichloroethane-d4		79.6-118		88.8	%REC	1	07/10/2017 12:21	132035
Surr: 4-Bromofluorobenzene		83.9-115		99.2	%REC	1	07/10/2017 12:21	132035
Surr: Dibromofluoromethane		84.9-113		95.2	%REC	1	07/10/2017 12:21	132035
Surr: Toluene-d8		86.7-112		94.8	%REC	1	07/10/2017 12:21	132035



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP
 Client Project: Champaign FMGP Q2 2017 GW
 Lab ID: 17070339-003
 Matrix: GROUNDWATER

Work Order: 17070339
 Report Date: 10-Aug-17
 Client Sample ID: UMW-106R
 Collection Date: 07/06/2017 11:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		0.033	mg/L	1	07/11/2017 12:25	132014
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	07/10/2017 17:50	132001
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	07/10/2017 17:50	132001
Anthracene	NELAP	0.00010		ND	mg/L	1	07/10/2017 17:50	132001
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	07/10/2017 17:50	132001
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	07/10/2017 17:50	132001
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/10/2017 17:50	132001
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	07/10/2017 17:50	132001
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/10/2017 17:50	132001
Chrysene	NELAP	0.00010		ND	mg/L	1	07/10/2017 17:50	132001
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	07/10/2017 17:50	132001
Fluoranthene	NELAP	0.00010		ND	mg/L	1	07/10/2017 17:50	132001
Fluorene	NELAP	0.00010		ND	mg/L	1	07/10/2017 17:50	132001
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	07/10/2017 17:50	132001
Naphthalene	NELAP	0.00010		ND	mg/L	1	07/10/2017 17:50	132001
Phenanthrene	NELAP	0.00010		ND	mg/L	1	07/10/2017 17:50	132001
Pyrene	NELAP	0.00010		ND	mg/L	1	07/10/2017 17:50	132001
Surr: 2-Fluorobiphenyl		13.8-99.2		85.4	%REC	1	07/10/2017 17:50	132001
Surr: Nitrobenzene-d5		15.3-96.2		67.8	%REC	1	07/10/2017 17:50	132001
Surr: p-Terphenyl-d14		10-109		83.9	%REC	1	07/10/2017 17:50	132001
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	07/10/2017 12:48	132035
Ethylbenzene	NELAP	5.0		ND	µg/L	1	07/10/2017 12:48	132035
Toluene	NELAP	5.0		ND	µg/L	1	07/10/2017 12:48	132035
Xylenes, Total	NELAP	5.0		ND	µg/L	1	07/10/2017 12:48	132035
Surr: 1,2-Dichloroethane-d4		79.6-118		88.0	%REC	1	07/10/2017 12:48	132035
Surr: 4-Bromofluorobenzene		83.9-115		100.0	%REC	1	07/10/2017 12:48	132035
Surr: Dibromofluoromethane		84.9-113		94.5	%REC	1	07/10/2017 12:48	132035
Surr: Toluene-d8		86.7-112		95.1	%REC	1	07/10/2017 12:48	132035



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP
 Client Project: Champaign FMGP Q2 2017 GW
 Lab ID: 17070339-004
 Matrix: GROUNDWATER

Work Order: 17070339
 Report Date: 10-Aug-17
 Client Sample ID: UMW-107R
 Collection Date: 07/06/2017 16:58

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.100		0.544	mg/L	20	07/11/2017 17:13	132014
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	07/10/2017 18:23	132001
Acenaphthylene	NELAP	0.00010		0.00011	mg/L	1	07/10/2017 18:23	132001
Anthracene	NELAP	0.00010		0.00011	mg/L	1	07/10/2017 18:23	132001
Benzo(a)anthracene	NELAP	0.00010	J	0.00006	mg/L	1	07/10/2017 18:23	132001
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	07/10/2017 18:23	132001
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/10/2017 18:23	132001
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	07/10/2017 18:23	132001
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/10/2017 18:23	132001
Chrysene	NELAP	0.00010		ND	mg/L	1	07/10/2017 18:23	132001
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	07/10/2017 18:23	132001
Fluoranthene	NELAP	0.00010		ND	mg/L	1	07/10/2017 18:23	132001
Fluorene	NELAP	0.00010		ND	mg/L	1	07/10/2017 18:23	132001
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	07/10/2017 18:23	132001
Naphthalene	NELAP	0.00010		ND	mg/L	1	07/10/2017 18:23	132001
Phenanthrene	NELAP	0.00010		ND	mg/L	1	07/10/2017 18:23	132001
Pyrene	NELAP	0.00010		ND	mg/L	1	07/10/2017 18:23	132001
Surr: 2-Fluorobiphenyl		13.8-99.2		83.5	%REC	1	07/10/2017 18:23	132001
Surr: Nitrobenzene-d5		15.3-96.2		71.7	%REC	1	07/10/2017 18:23	132001
Surr: p-Terphenyl-d14		10-109		67.7	%REC	1	07/10/2017 18:23	132001
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		40.7	µg/L	1	07/10/2017 13:16	132035
Ethylbenzene	NELAP	5.0		ND	µg/L	1	07/10/2017 13:16	132035
Toluene	NELAP	5.0		ND	µg/L	1	07/10/2017 13:16	132035
Xylenes, Total	NELAP	5.0		ND	µg/L	1	07/10/2017 13:16	132035
Surr: 1,2-Dichloroethane-d4		79.6-118		88.9	%REC	1	07/10/2017 13:16	132035
Surr: 4-Bromofluorobenzene		83.9-115		98.3	%REC	1	07/10/2017 13:16	132035
Surr: Dibromofluoromethane		84.9-113		95.1	%REC	1	07/10/2017 13:16	132035
Surr: Toluene-d8		86.7-112		94.9	%REC	1	07/10/2017 13:16	132035



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP
 Client Project: Champaign FMGP Q2 2017 GW
 Lab ID: 17070339-005
 Matrix: GROUNDWATER

Work Order: 17070339
 Report Date: 10-Aug-17
 Client Sample ID: UMW-108
 Collection Date: 07/06/2017 14:56

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		0.029	mg/L	1	07/11/2017 12:34	132014
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	07/10/2017 18:56	132001
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	07/10/2017 18:56	132001
Anthracene	NELAP	0.00010		ND	mg/L	1	07/10/2017 18:56	132001
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	07/10/2017 18:56	132001
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	07/10/2017 18:56	132001
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/10/2017 18:56	132001
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	07/10/2017 18:56	132001
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/10/2017 18:56	132001
Chrysene	NELAP	0.00010		ND	mg/L	1	07/10/2017 18:56	132001
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	07/10/2017 18:56	132001
Fluoranthene	NELAP	0.00010		ND	mg/L	1	07/10/2017 18:56	132001
Fluorene	NELAP	0.00010		ND	mg/L	1	07/10/2017 18:56	132001
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	07/10/2017 18:56	132001
Naphthalene	NELAP	0.00010		ND	mg/L	1	07/10/2017 18:56	132001
Phenanthrene	NELAP	0.00010		ND	mg/L	1	07/10/2017 18:56	132001
Pyrene	NELAP	0.00010		ND	mg/L	1	07/10/2017 18:56	132001
Surr: 2-Fluorobiphenyl		13.8-99.2		67.7	%REC	1	07/10/2017 18:56	132001
Surr: Nitrobenzene-d5		15.3-96.2		67.8	%REC	1	07/10/2017 18:56	132001
Surr: p-Terphenyl-d14		10-109		83.7	%REC	1	07/10/2017 18:56	132001
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	07/10/2017 13:43	132035
Ethylbenzene	NELAP	5.0		ND	µg/L	1	07/10/2017 13:43	132035
Toluene	NELAP	5.0		ND	µg/L	1	07/10/2017 13:43	132035
Xylenes, Total	NELAP	5.0		ND	µg/L	1	07/10/2017 13:43	132035
Surr: 1,2-Dichloroethane-d4		79.6-118		88.0	%REC	1	07/10/2017 13:43	132035
Surr: 4-Bromofluorobenzene		83.9-115		98.8	%REC	1	07/10/2017 13:43	132035
Surr: Dibromofluoromethane		84.9-113		95.6	%REC	1	07/10/2017 13:43	132035
Surr: Toluene-d8		86.7-112		95.2	%REC	1	07/10/2017 13:43	132035

Client: PSC Industrial Outsourcing, LP
 Client Project: Champaign FMGP Q2 2017 GW
 Lab ID: 17070339-006
 Matrix: GROUNDWATER

Work Order: 17070339
 Report Date: 10-Aug-17
 Client Sample ID: UMW-109
 Collection Date: 07/05/2017 18:16

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		0.012	mg/L	1	07/11/2017 13:00	132014
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	07/10/2017 19:29	132001
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	07/10/2017 19:29	132001
Anthracene	NELAP	0.00010		ND	mg/L	1	07/10/2017 19:29	132001
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	07/10/2017 19:29	132001
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	07/10/2017 19:29	132001
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/10/2017 19:29	132001
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	07/10/2017 19:29	132001
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/10/2017 19:29	132001
Chrysene	NELAP	0.00010		ND	mg/L	1	07/10/2017 19:29	132001
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	07/10/2017 19:29	132001
Fluoranthene	NELAP	0.00010		ND	mg/L	1	07/10/2017 19:29	132001
Fluorene	NELAP	0.00010		ND	mg/L	1	07/10/2017 19:29	132001
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	07/10/2017 19:29	132001
Naphthalene	NELAP	0.00010		ND	mg/L	1	07/10/2017 19:29	132001
Phenanthrene	NELAP	0.00010		ND	mg/L	1	07/10/2017 19:29	132001
Pyrene	NELAP	0.00010		ND	mg/L	1	07/10/2017 19:29	132001
Surr: 2-Fluorobiphenyl		13.8-99.2		68.3	%REC	1	07/10/2017 19:29	132001
Surr: Nitrobenzene-d5		15.3-96.2		72.2	%REC	1	07/10/2017 19:29	132001
Surr: p-Terphenyl-d14		10-109		64.9	%REC	1	07/10/2017 19:29	132001
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	07/10/2017 14:09	132035
Ethylbenzene	NELAP	5.0		ND	µg/L	1	07/10/2017 14:09	132035
Toluene	NELAP	5.0		ND	µg/L	1	07/10/2017 14:09	132035
Xylenes, Total	NELAP	5.0		ND	µg/L	1	07/10/2017 14:09	132035
Surr: 1,2-Dichloroethane-d4		79.6-118		87.7	%REC	1	07/10/2017 14:09	132035
Surr: 4-Bromofluorobenzene		83.9-115		99.5	%REC	1	07/10/2017 14:09	132035
Surr: Dibromofluoromethane		84.9-113		95.8	%REC	1	07/10/2017 14:09	132035
Surr: Toluene-d8		86.7-112		94.8	%REC	1	07/10/2017 14:09	132035

Client: PSC Industrial Outsourcing, LP
 Client Project: Champaign FMGP Q2 2017 GW
 Lab ID: 17070339-007
 Matrix: GROUNDWATER

Work Order: 17070339
 Report Date: 10-Aug-17
 Client Sample ID: UMW-111A
 Collection Date: 07/06/2017 12:18

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		< 0.005	mg/L	1	07/11/2017 13:04	132014
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	07/10/2017 20:02	132001
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	07/10/2017 20:02	132001
Anthracene	NELAP	0.00010		ND	mg/L	1	07/10/2017 20:02	132001
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	07/10/2017 20:02	132001
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	07/10/2017 20:02	132001
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/10/2017 20:02	132001
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	07/10/2017 20:02	132001
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/10/2017 20:02	132001
Chrysene	NELAP	0.00010		ND	mg/L	1	07/10/2017 20:02	132001
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	07/10/2017 20:02	132001
Fluoranthene	NELAP	0.00010		ND	mg/L	1	07/10/2017 20:02	132001
Fluorene	NELAP	0.00010		ND	mg/L	1	07/10/2017 20:02	132001
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	07/10/2017 20:02	132001
Naphthalene	NELAP	0.00010		ND	mg/L	1	07/10/2017 20:02	132001
Phenanthrene	NELAP	0.00010		ND	mg/L	1	07/10/2017 20:02	132001
Pyrene	NELAP	0.00010		ND	mg/L	1	07/10/2017 20:02	132001
Surr: 2-Fluorobiphenyl		13.8-99.2		68.9	%REC	1	07/10/2017 20:02	132001
Surr: Nitrobenzene-d5		15.3-96.2		70.3	%REC	1	07/10/2017 20:02	132001
Surr: p-Terphenyl-d14		10-109		78.6	%REC	1	07/10/2017 20:02	132001
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	07/10/2017 14:36	132035
Ethylbenzene	NELAP	5.0		ND	µg/L	1	07/10/2017 14:36	132035
Toluene	NELAP	5.0		ND	µg/L	1	07/10/2017 14:36	132035
Xylenes, Total	NELAP	5.0		ND	µg/L	1	07/10/2017 14:36	132035
Surr: 1,2-Dichloroethane-d4		79.6-118		89.4	%REC	1	07/10/2017 14:36	132035
Surr: 4-Bromofluorobenzene		83.9-115		98.9	%REC	1	07/10/2017 14:36	132035
Surr: Dibromofluoromethane		84.9-113		96.0	%REC	1	07/10/2017 14:36	132035
Surr: Toluene-d8		86.7-112		94.6	%REC	1	07/10/2017 14:36	132035



Laboratory Results

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Client: PSC Industrial Outsourcing, LP
 Client Project: Champaign FMGP Q2 2017 GW
 Lab ID: 17070339-008
 Matrix: GROUNDWATER

Work Order: 17070339
 Report Date: 10-Aug-17
 Client Sample ID: UMW-116
 Collection Date: 07/06/2017 18:29

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		< 0.005	mg/L	1	07/11/2017 13:09	132014
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	07/10/2017 20:34	132001
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	07/10/2017 20:34	132001
Anthracene	NELAP	0.00010		ND	mg/L	1	07/10/2017 20:34	132001
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	07/10/2017 20:34	132001
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	07/10/2017 20:34	132001
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/10/2017 20:34	132001
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	07/10/2017 20:34	132001
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/10/2017 20:34	132001
Chrysene	NELAP	0.00010		ND	mg/L	1	07/10/2017 20:34	132001
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	07/10/2017 20:34	132001
Fluoranthene	NELAP	0.00010		ND	mg/L	1	07/10/2017 20:34	132001
Fluorene	NELAP	0.00010		ND	mg/L	1	07/10/2017 20:34	132001
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	07/10/2017 20:34	132001
Naphthalene	NELAP	0.00010		ND	mg/L	1	07/10/2017 20:34	132001
Phenanthrene	NELAP	0.00010		ND	mg/L	1	07/10/2017 20:34	132001
Pyrene	NELAP	0.00010		ND	mg/L	1	07/10/2017 20:34	132001
Surr: 2-Fluorobiphenyl		13.8-99.2		81.4	%REC	1	07/10/2017 20:34	132001
Surr: Nitrobenzene-d5		15.3-96.2		76.7	%REC	1	07/10/2017 20:34	132001
Surr: p-Terphenyl-d14		10-109		82.1	%REC	1	07/10/2017 20:34	132001
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	07/10/2017 15:04	132035
Ethylbenzene	NELAP	5.0		ND	µg/L	1	07/10/2017 15:04	132035
Toluene	NELAP	5.0		ND	µg/L	1	07/10/2017 15:04	132035
Xylenes, Total	NELAP	5.0		ND	µg/L	1	07/10/2017 15:04	132035
Surr: 1,2-Dichloroethane-d4		79.6-118		86.8	%REC	1	07/10/2017 15:04	132035
Surr: 4-Bromofluorobenzene		83.9-115		99.8	%REC	1	07/10/2017 15:04	132035
Surr: Dibromofluoromethane		84.9-113		95.5	%REC	1	07/10/2017 15:04	132035
Surr: Toluene-d8		86.7-112		95.3	%REC	1	07/10/2017 15:04	132035



Laboratory Results

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Client: PSC Industrial Outsourcing, LP
 Client Project: Champaign FMGP Q2 2017 GW
 Lab ID: 17070339-009
 Matrix: GROUNDWATER

Work Order: 17070339
 Report Date: 10-Aug-17
 Client Sample ID: UMW-117
 Collection Date: 07/06/2017 17:46

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		< 0.005	mg/L	1	07/11/2017 13:13	132014
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	07/10/2017 21:07	132001
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	07/10/2017 21:07	132001
Anthracene	NELAP	0.00010		ND	mg/L	1	07/10/2017 21:07	132001
Benzo(a)anthracene	NELAP	0.00010	J	0.00006	mg/L	1	07/10/2017 21:07	132001
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	07/10/2017 21:07	132001
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/10/2017 21:07	132001
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	07/10/2017 21:07	132001
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/10/2017 21:07	132001
Chrysene	NELAP	0.00010		ND	mg/L	1	07/10/2017 21:07	132001
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	07/10/2017 21:07	132001
Fluoranthene	NELAP	0.00010		ND	mg/L	1	07/10/2017 21:07	132001
Fluorene	NELAP	0.00010		ND	mg/L	1	07/10/2017 21:07	132001
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	07/10/2017 21:07	132001
Naphthalene	NELAP	0.00010		ND	mg/L	1	07/10/2017 21:07	132001
Phenanthrene	NELAP	0.00010		ND	mg/L	1	07/10/2017 21:07	132001
Pyrene	NELAP	0.00010		ND	mg/L	1	07/10/2017 21:07	132001
Surr: 2-Fluorobiphenyl		13.8-99.2		75.3	%REC	1	07/10/2017 21:07	132001
Surr: Nitrobenzene-d5		15.3-96.2		81.6	%REC	1	07/10/2017 21:07	132001
Surr: p-Terphenyl-d14		10-109		81.7	%REC	1	07/10/2017 21:07	132001
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	07/10/2017 15:30	132035
Ethylbenzene	NELAP	5.0		ND	µg/L	1	07/10/2017 15:30	132035
Toluene	NELAP	5.0		ND	µg/L	1	07/10/2017 15:30	132035
Xylenes, Total	NELAP	5.0		ND	µg/L	1	07/10/2017 15:30	132035
Surr: 1,2-Dichloroethane-d4		79.6-118		89.8	%REC	1	07/10/2017 15:30	132035
Surr: 4-Bromofluorobenzene		83.9-115		101.3	%REC	1	07/10/2017 15:30	132035
Surr: Dibromofluoromethane		84.9-113		95.4	%REC	1	07/10/2017 15:30	132035
Surr: Toluene-d8		86.7-112		95.0	%REC	1	07/10/2017 15:30	132035



Laboratory Results

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Client: PSC Industrial Outsourcing, LP
 Client Project: Champaign FMGP Q2 2017 GW
 Lab ID: 17070339-010
 Matrix: GROUNDWATER

Work Order: 17070339
 Report Date: 10-Aug-17
 Client Sample ID: UMW-118
 Collection Date: 07/06/2017 13:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.010		0.056	mg/L	2	07/11/2017 17:18	132014
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		0.00017	mg/L	1	07/10/2017 21:40	132001
Acenaphthylene	NELAP	0.00010		0.00037	mg/L	1	07/10/2017 21:40	132001
Anthracene	NELAP	0.00010		0.00010	mg/L	1	07/10/2017 21:40	132001
Benzo(a)anthracene	NELAP	0.00010		0.00077	mg/L	1	07/10/2017 21:40	132001
Benzo(a)pyrene	NELAP	0.00010		0.00093	mg/L	1	07/10/2017 21:40	132001
Benzo(b)fluoranthene	NELAP	0.00010		0.00094	mg/L	1	07/10/2017 21:40	132001
Benzo(g,h,i)perylene	NELAP	0.00010		0.00037	mg/L	1	07/10/2017 21:40	132001
Benzo(k)fluoranthene	NELAP	0.00010		0.00036	mg/L	1	07/10/2017 21:40	132001
Chrysene	NELAP	0.00010		0.00048	mg/L	1	07/10/2017 21:40	132001
Dibenzo(a,h)anthracene	NELAP	0.00010		0.00010	mg/L	1	07/10/2017 21:40	132001
Fluoranthene	NELAP	0.00010		0.00104	mg/L	1	07/10/2017 21:40	132001
Fluorene	NELAP	0.00010		0.00011	mg/L	1	07/10/2017 21:40	132001
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		0.00033	mg/L	1	07/10/2017 21:40	132001
Naphthalene	NELAP	0.00010		ND	mg/L	1	07/10/2017 21:40	132001
Phenanthrene	NELAP	0.00010		0.00014	mg/L	1	07/10/2017 21:40	132001
Pyrene	NELAP	0.00010		0.00500	mg/L	1	07/10/2017 21:40	132001
Surr: 2-Fluorobiphenyl		13.8-99.2		69.5	%REC	1	07/10/2017 21:40	132001
Surr: Nitrobenzene-d5		15.3-96.2		76.6	%REC	1	07/10/2017 21:40	132001
Surr: p-Terphenyl-d14		10-109		51.5	%REC	1	07/10/2017 21:40	132001
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	07/10/2017 15:58	132035
Ethylbenzene	NELAP	5.0		ND	µg/L	1	07/10/2017 15:58	132035
Toluene	NELAP	5.0		ND	µg/L	1	07/10/2017 15:58	132035
Xylenes, Total	NELAP	5.0		ND	µg/L	1	07/10/2017 15:58	132035
Surr: 1,2-Dichloroethane-d4		79.6-118		88.6	%REC	1	07/10/2017 15:58	132035
Surr: 4-Bromofluorobenzene		83.9-115		102.7	%REC	1	07/10/2017 15:58	132035
Surr: Dibromofluoromethane		84.9-113		96.2	%REC	1	07/10/2017 15:58	132035
Surr: Toluene-d8		86.7-112		95.5	%REC	1	07/10/2017 15:58	132035

Client: PSC Industrial Outsourcing, LP
 Client Project: Champaign FMGP Q2 2017 GW
 Lab ID: 17070339-011
 Matrix: GROUNDWATER

Work Order: 17070339
 Report Date: 10-Aug-17
 Client Sample ID: UMW-119
 Collection Date: 07/05/2017 17:18

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		0.041	mg/L	1	07/11/2017 13:26	132014
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	07/11/2017 10:10	132001
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	07/11/2017 10:10	132001
Anthracene	NELAP	0.00010		ND	mg/L	1	07/11/2017 10:10	132001
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	07/11/2017 10:10	132001
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 10:10	132001
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/11/2017 10:10	132001
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	07/11/2017 10:10	132001
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/11/2017 10:10	132001
Chrysene	NELAP	0.00010		ND	mg/L	1	07/11/2017 10:10	132001
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	07/11/2017 10:10	132001
Fluoranthene	NELAP	0.00010		ND	mg/L	1	07/11/2017 10:10	132001
Fluorene	NELAP	0.00010		ND	mg/L	1	07/11/2017 10:10	132001
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 10:10	132001
Naphthalene	NELAP	0.00010		ND	mg/L	1	07/11/2017 10:10	132001
Phenanthrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 10:10	132001
Pyrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 10:10	132001
Surr: 2-Fluorobiphenyl		13.8-99.2		68.8	%REC	1	07/11/2017 10:10	132001
Surr: Nitrobenzene-d5		15.3-96.2		75.8	%REC	1	07/11/2017 10:10	132001
Surr: p-Terphenyl-d14		10-109		70.8	%REC	1	07/11/2017 10:10	132001
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	07/10/2017 16:25	132035
Ethylbenzene	NELAP	5.0		ND	µg/L	1	07/10/2017 16:25	132035
Toluene	NELAP	5.0		ND	µg/L	1	07/10/2017 16:25	132035
Xylenes, Total	NELAP	5.0		ND	µg/L	1	07/10/2017 16:25	132035
Surr: 1,2-Dichloroethane-d4		79.6-118		87.7	%REC	1	07/10/2017 16:25	132035
Surr: 4-Bromofluorobenzene		83.9-115		101.5	%REC	1	07/10/2017 16:25	132035
Surr: Dibromofluoromethane		84.9-113		95.3	%REC	1	07/10/2017 16:25	132035
Surr: Toluene-d8		86.7-112		95.2	%REC	1	07/10/2017 16:25	132035



Laboratory Results

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Client: PSC Industrial Outsourcing, LP
 Client Project: Champaign FMGP Q2 2017 GW
 Lab ID: 17070339-012
 Matrix: GROUNDWATER

Work Order: 17070339
 Report Date: 10-Aug-17
 Client Sample ID: UMW-120
 Collection Date: 07/06/2017 9:58

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		< 0.005	mg/L	1	07/11/2017 13:31	132014
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	07/11/2017 10:43	132001
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	07/11/2017 10:43	132001
Anthracene	NELAP	0.00010		ND	mg/L	1	07/11/2017 10:43	132001
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	07/11/2017 10:43	132001
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 10:43	132001
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/11/2017 10:43	132001
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	07/11/2017 10:43	132001
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/11/2017 10:43	132001
Chrysene	NELAP	0.00010		ND	mg/L	1	07/11/2017 10:43	132001
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	07/11/2017 10:43	132001
Fluoranthene	NELAP	0.00010		ND	mg/L	1	07/11/2017 10:43	132001
Fluorene	NELAP	0.00010		ND	mg/L	1	07/11/2017 10:43	132001
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 10:43	132001
Naphthalene	NELAP	0.00010		ND	mg/L	1	07/11/2017 10:43	132001
Phenanthrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 10:43	132001
Pyrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 10:43	132001
Surr: 2-Fluorobiphenyl		13.8-99.2		67.8	%REC	1	07/11/2017 10:43	132001
Surr: Nitrobenzene-d5		15.3-96.2		70.3	%REC	1	07/11/2017 10:43	132001
Surr: p-Terphenyl-d14		10-109		57.4	%REC	1	07/11/2017 10:43	132001
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	07/10/2017 16:53	132035
Ethylbenzene	NELAP	5.0		ND	µg/L	1	07/10/2017 16:53	132035
Toluene	NELAP	5.0		ND	µg/L	1	07/10/2017 16:53	132035
Xylenes, Total	NELAP	5.0		ND	µg/L	1	07/10/2017 16:53	132035
Surr: 1,2-Dichloroethane-d4		79.6-118		88.8	%REC	1	07/10/2017 16:53	132035
Surr: 4-Bromofluorobenzene		83.9-115		96.7	%REC	1	07/10/2017 16:53	132035
Surr: Dibromofluoromethane		84.9-113		95.9	%REC	1	07/10/2017 16:53	132035
Surr: Toluene-d8		86.7-112		95.1	%REC	1	07/10/2017 16:53	132035



Laboratory Results

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Client: PSC Industrial Outsourcing, LP
 Client Project: Champaign FMGP Q2 2017 GW
 Lab ID: 17070339-013
 Matrix: GROUNDWATER

Work Order: 17070339
 Report Date: 10-Aug-17
 Client Sample ID: UMW-121
 Collection Date: 07/06/2017 14:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.050		0.148	mg/L	10	07/11/2017 17:22	132014
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	07/11/2017 11:16	132001
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	07/11/2017 11:16	132001
Anthracene	NELAP	0.00010		ND	mg/L	1	07/11/2017 11:16	132001
Benzo(a)anthracene	NELAP	0.00010	J	0.00006	mg/L	1	07/11/2017 11:16	132001
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 11:16	132001
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/11/2017 11:16	132001
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	07/11/2017 11:16	132001
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/11/2017 11:16	132001
Chrysene	NELAP	0.00010		ND	mg/L	1	07/11/2017 11:16	132001
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	07/11/2017 11:16	132001
Fluoranthene	NELAP	0.00010		ND	mg/L	1	07/11/2017 11:16	132001
Fluorene	NELAP	0.00010		ND	mg/L	1	07/11/2017 11:16	132001
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 11:16	132001
Naphthalene	NELAP	0.00010		ND	mg/L	1	07/11/2017 11:16	132001
Phenanthrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 11:16	132001
Pyrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 11:16	132001
Surr: 2-Fluorobiphenyl		13.8-99.2		72.5	%REC	1	07/11/2017 11:16	132001
Surr: Nitrobenzene-d5		15.3-96.2		72.7	%REC	1	07/11/2017 11:16	132001
Surr: p-Terphenyl-d14		10-109		61.1	%REC	1	07/11/2017 11:16	132001
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	07/10/2017 17:21	132035
Ethylbenzene	NELAP	5.0		ND	µg/L	1	07/10/2017 17:21	132035
Toluene	NELAP	5.0		ND	µg/L	1	07/10/2017 17:21	132035
Xylenes, Total	NELAP	5.0		ND	µg/L	1	07/10/2017 17:21	132035
Surr: 1,2-Dichloroethane-d4		79.6-118		89.2	%REC	1	07/10/2017 17:21	132035
Surr: 4-Bromofluorobenzene		83.9-115		99.8	%REC	1	07/10/2017 17:21	132035
Surr: Dibromofluoromethane		84.9-113		96.2	%REC	1	07/10/2017 17:21	132035
Surr: Toluene-d8		86.7-112		94.6	%REC	1	07/10/2017 17:21	132035



Laboratory Results

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Client: PSC Industrial Outsourcing, LP
 Client Project: Champaign FMGP Q2 2017 GW
 Lab ID: 17070339-014
 Matrix: GROUNDWATER

Work Order: 17070339
 Report Date: 10-Aug-17
 Client Sample ID: UMW-123
 Collection Date: 07/06/2017 10:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		< 0.005	mg/L	1	07/11/2017 13:39	132014
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	07/11/2017 11:48	132001
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	07/11/2017 11:48	132001
Anthracene	NELAP	0.00010		ND	mg/L	1	07/11/2017 11:48	132001
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	07/11/2017 11:48	132001
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 11:48	132001
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/11/2017 11:48	132001
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	07/11/2017 11:48	132001
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/11/2017 11:48	132001
Chrysene	NELAP	0.00010		ND	mg/L	1	07/11/2017 11:48	132001
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	07/11/2017 11:48	132001
Fluoranthene	NELAP	0.00010		ND	mg/L	1	07/11/2017 11:48	132001
Fluorene	NELAP	0.00010		ND	mg/L	1	07/11/2017 11:48	132001
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 11:48	132001
Naphthalene	NELAP	0.00010		ND	mg/L	1	07/11/2017 11:48	132001
Phenanthrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 11:48	132001
Pyrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 11:48	132001
Surr: 2-Fluorobiphenyl		13.8-99.2		75.9	%REC	1	07/11/2017 11:48	132001
Surr: Nitrobenzene-d5		15.3-96.2		71.5	%REC	1	07/11/2017 11:48	132001
Surr: p-Terphenyl-d14		10-109		81.6	%REC	1	07/11/2017 11:48	132001
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	07/10/2017 17:48	132035
Ethylbenzene	NELAP	5.0		ND	µg/L	1	07/10/2017 17:48	132035
Toluene	NELAP	5.0		ND	µg/L	1	07/10/2017 17:48	132035
Xylenes, Total	NELAP	5.0		ND	µg/L	1	07/10/2017 17:48	132035
Surr: 1,2-Dichloroethane-d4		79.6-118		88.5	%REC	1	07/10/2017 17:48	132035
Surr: 4-Bromofluorobenzene		83.9-115		98.6	%REC	1	07/10/2017 17:48	132035
Surr: Dibromofluoromethane		84.9-113		95.9	%REC	1	07/10/2017 17:48	132035
Surr: Toluene-d8		86.7-112		95.0	%REC	1	07/10/2017 17:48	132035



Laboratory Results

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Client: PSC Industrial Outsourcing, LP
 Client Project: Champaign FMGP Q2 2017 GW
 Lab ID: 17070339-015
 Matrix: GROUNDWATER

Work Order: 17070339
 Report Date: 10-Aug-17
 Client Sample ID: UMW-124
 Collection Date: 07/07/2017 8:53

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		0.010	mg/L	1	07/11/2017 13:44	132014
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		0.00067	mg/L	1	07/11/2017 12:21	132001
Acenaphthylene	NELAP	0.00010		0.00041	mg/L	1	07/11/2017 12:21	132001
Anthracene	NELAP	0.00010		ND	mg/L	1	07/11/2017 12:21	132001
Benzo(a)anthracene	NELAP	0.00010	J	0.00008	mg/L	1	07/11/2017 12:21	132001
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 12:21	132001
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/11/2017 12:21	132001
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	07/11/2017 12:21	132001
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/11/2017 12:21	132001
Chrysene	NELAP	0.00010		ND	mg/L	1	07/11/2017 12:21	132001
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	07/11/2017 12:21	132001
Fluoranthene	NELAP	0.00010		ND	mg/L	1	07/11/2017 12:21	132001
Fluorene	NELAP	0.00010		0.00031	mg/L	1	07/11/2017 12:21	132001
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 12:21	132001
Naphthalene	NELAP	0.00010		0.0479	mg/L	1	07/11/2017 12:21	132001
Phenanthrene	NELAP	0.00010		0.00028	mg/L	1	07/11/2017 12:21	132001
Pyrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 12:21	132001
Surr: 2-Fluorobiphenyl		13.8-99.2		67.6	%REC	1	07/11/2017 12:21	132001
Surr: Nitrobenzene-d5		15.3-96.2		71.9	%REC	1	07/11/2017 12:21	132001
Surr: p-Terphenyl-d14		10-109		79.7	%REC	1	07/11/2017 12:21	132001
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		104	µg/L	1	07/10/2017 18:16	132035
Ethylbenzene	NELAP	5.0		10.6	µg/L	1	07/10/2017 18:16	132035
Toluene	NELAP	5.0		44.8	µg/L	1	07/10/2017 18:16	132035
Xylenes, Total	NELAP	5.0		28.2	µg/L	1	07/10/2017 18:16	132035
Surr: 1,2-Dichloroethane-d4		79.6-118		88.5	%REC	1	07/10/2017 18:16	132035
Surr: 4-Bromofluorobenzene		83.9-115		96.2	%REC	1	07/10/2017 18:16	132035
Surr: Dibromofluoromethane		84.9-113		96.8	%REC	1	07/10/2017 18:16	132035
Surr: Toluene-d8		86.7-112		94.7	%REC	1	07/10/2017 18:16	132035

Client: PSC Industrial Outsourcing, LP
 Client Project: Champaign FMGP Q2 2017 GW
 Lab ID: 17070339-016
 Matrix: GROUNDWATER

Work Order: 17070339
 Report Date: 10-Aug-17

Client Sample ID: UMW-125

Collection Date: 07/06/2017 18:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		0.029	mg/L	1	07/11/2017 14:10	132014
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		0.00010	mg/L	1	07/11/2017 12:54	132001
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	07/11/2017 12:54	132001
Anthracene	NELAP	0.00010		ND	mg/L	1	07/11/2017 12:54	132001
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	07/11/2017 12:54	132001
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 12:54	132001
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/11/2017 12:54	132001
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	07/11/2017 12:54	132001
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/11/2017 12:54	132001
Chrysene	NELAP	0.00010		ND	mg/L	1	07/11/2017 12:54	132001
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	07/11/2017 12:54	132001
Fluoranthene	NELAP	0.00010		ND	mg/L	1	07/11/2017 12:54	132001
Fluorene	NELAP	0.00010		ND	mg/L	1	07/11/2017 12:54	132001
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 12:54	132001
Naphthalene	NELAP	0.00010		0.00130	mg/L	1	07/11/2017 12:54	132001
Phenanthrene	NELAP	0.00010		0.00011	mg/L	1	07/11/2017 12:54	132001
Pyrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 12:54	132001
Surr: 2-Fluorobiphenyl		13.8-99.2		77.0	%REC	1	07/11/2017 12:54	132001
Surr: Nitrobenzene-d5		15.3-96.2		76.0	%REC	1	07/11/2017 12:54	132001
Surr: p-Terphenyl-d14		10-109		74.4	%REC	1	07/11/2017 12:54	132001
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		22.6	µg/L	1	07/11/2017 9:10	132074
Ethylbenzene	NELAP	5.0		ND	µg/L	1	07/11/2017 9:10	132074
Toluene	NELAP	5.0		ND	µg/L	1	07/11/2017 9:10	132074
Xylenes, Total	NELAP	5.0		ND	µg/L	1	07/11/2017 9:10	132074
Surr: 1,2-Dichloroethane-d4		79.6-118		86.9	%REC	1	07/11/2017 9:10	132074
Surr: 4-Bromofluorobenzene		83.9-115	S	80.8	%REC	1	07/11/2017 9:10	132074
Surr: Dibromofluoromethane		84.9-113		94.8	%REC	1	07/11/2017 9:10	132074
Surr: Toluene-d8		86.7-112		95.8	%REC	1	07/11/2017 9:10	132074

Surrogate recovery is outside QC limits due to matrix interference.



Laboratory Results

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Client: PSC Industrial Outsourcing, LP
 Client Project: Champaign FMGP Q2 2017 GW
 Lab ID: 17070339-017
 Matrix: GROUNDWATER

Work Order: 17070339
 Report Date: 10-Aug-17
 Client Sample ID: UMW-126
 Collection Date: 07/07/2017 10:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005	J	0.004	mg/L	1	07/11/2017 14:14	132014
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	07/11/2017 20:52	132034
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	07/11/2017 20:52	132034
Anthracene	NELAP	0.00010		ND	mg/L	1	07/11/2017 20:52	132034
Benzo(a)anthracene	NELAP	0.00010	J	0.00006	mg/L	1	07/11/2017 20:52	132034
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 20:52	132034
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/11/2017 20:52	132034
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	07/11/2017 20:52	132034
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/11/2017 20:52	132034
Chrysene	NELAP	0.00010		ND	mg/L	1	07/11/2017 20:52	132034
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	07/11/2017 20:52	132034
Fluoranthene	NELAP	0.00010		ND	mg/L	1	07/11/2017 20:52	132034
Fluorene	NELAP	0.00010		ND	mg/L	1	07/11/2017 20:52	132034
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 20:52	132034
Naphthalene	NELAP	0.00010		ND	mg/L	1	07/11/2017 20:52	132034
Phenanthrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 20:52	132034
Pyrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 20:52	132034
Surr: 2-Fluorobiphenyl		13.8-99.2		85.4	%REC	1	07/11/2017 20:52	132034
Surr: Nitrobenzene-d5		15.3-96.2		84.1	%REC	1	07/11/2017 20:52	132034
Surr: p-Terphenyl-d14		10-109		82.1	%REC	1	07/11/2017 20:52	132034
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		94.4	µg/L	1	07/10/2017 15:04	132016
Ethylbenzene	NELAP	5.0		ND	µg/L	1	07/10/2017 15:04	132016
Toluene	NELAP	5.0		ND	µg/L	1	07/10/2017 15:04	132016
Xylenes, Total	NELAP	5.0		ND	µg/L	1	07/10/2017 15:04	132016
Surr: 1,2-Dichloroethane-d4		79.6-118		111.7	%REC	1	07/10/2017 15:04	132016
Surr: 4-Bromofluorobenzene		83.9-115		104.0	%REC	1	07/10/2017 15:04	132016
Surr: Dibromofluoromethane		84.9-113		99.0	%REC	1	07/10/2017 15:04	132016
Surr: Toluene-d8		86.7-112		102.7	%REC	1	07/10/2017 15:04	132016



Laboratory Results

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Client: PSC Industrial Outsourcing, LP
 Client Project: Champaign FMGP Q2 2017 GW
 Lab ID: 17070339-018
 Matrix: GROUNDWATER

Work Order: 17070339
 Report Date: 10-Aug-17
 Client Sample ID: UMW-127
 Collection Date: 07/07/2017 9:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		< 0.005	mg/L	1	07/11/2017 14:19	132014
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		0.00033	mg/L	1	07/11/2017 21:25	132034
Acenaphthylene	NELAP	0.00010		0.00319	mg/L	1	07/11/2017 21:25	132034
Anthracene	NELAP	0.00010		ND	mg/L	1	07/11/2017 21:25	132034
Benzo(a)anthracene	NELAP	0.00010	J	0.00007	mg/L	1	07/11/2017 21:25	132034
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 21:25	132034
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/11/2017 21:25	132034
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	07/11/2017 21:25	132034
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/11/2017 21:25	132034
Chrysene	NELAP	0.00010		ND	mg/L	1	07/11/2017 21:25	132034
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	07/11/2017 21:25	132034
Fluoranthene	NELAP	0.00010		ND	mg/L	1	07/11/2017 21:25	132034
Fluorene	NELAP	0.00010		0.00027	mg/L	1	07/11/2017 21:25	132034
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 21:25	132034
Naphthalene	NELAP	0.00010		0.00248	mg/L	1	07/11/2017 21:25	132034
Phenanthrene	NELAP	0.00010		0.00047	mg/L	1	07/11/2017 21:25	132034
Pyrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 21:25	132034
Surr: 2-Fluorobiphenyl		13.8-99.2		82.3	%REC	1	07/11/2017 21:25	132034
Surr: Nitrobenzene-d5		15.3-96.2		80.7	%REC	1	07/11/2017 21:25	132034
Surr: p-Terphenyl-d14		10-109		84.3	%REC	1	07/11/2017 21:25	132034
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		3.6	µg/L	1	07/10/2017 15:31	132016
Ethylbenzene	NELAP	5.0		ND	µg/L	1	07/10/2017 15:31	132016
Toluene	NELAP	5.0		ND	µg/L	1	07/10/2017 15:31	132016
Xylenes, Total	NELAP	5.0		ND	µg/L	1	07/10/2017 15:31	132016
Surr: 1,2-Dichloroethane-d4		79.6-118		105.1	%REC	1	07/10/2017 15:31	132016
Surr: 4-Bromofluorobenzene		83.9-115		103.4	%REC	1	07/10/2017 15:31	132016
Surr: Dibromofluoromethane		84.9-113		98.8	%REC	1	07/10/2017 15:31	132016
Surr: Toluene-d8		86.7-112		102.1	%REC	1	07/10/2017 15:31	132016

Client: PSC Industrial Outsourcing, LP
 Client Project: Champaign FMGP Q2 2017 GW
 Lab ID: 17070339-019
 Matrix: GROUNDWATER

Work Order: 17070339
 Report Date: 10-Aug-17
 Client Sample ID: UMW-300
 Collection Date: 07/06/2017 11:17

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		< 0.005	mg/L	1	07/11/2017 14:54	132021
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	07/11/2017 21:57	132034
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	07/11/2017 21:57	132034
Anthracene	NELAP	0.00010		ND	mg/L	1	07/11/2017 21:57	132034
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	07/11/2017 21:57	132034
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 21:57	132034
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/11/2017 21:57	132034
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	07/11/2017 21:57	132034
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/11/2017 21:57	132034
Chrysene	NELAP	0.00010		ND	mg/L	1	07/11/2017 21:57	132034
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	07/11/2017 21:57	132034
Fluoranthene	NELAP	0.00010		ND	mg/L	1	07/11/2017 21:57	132034
Fluorene	NELAP	0.00010		ND	mg/L	1	07/11/2017 21:57	132034
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 21:57	132034
Naphthalene	NELAP	0.00010		0.00018	mg/L	1	07/11/2017 21:57	132034
Phenanthrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 21:57	132034
Pyrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 21:57	132034
Surr: 2-Fluorobiphenyl		13.8-99.2		87.7	%REC	1	07/11/2017 21:57	132034
Surr: Nitrobenzene-d5		15.3-96.2		89.0	%REC	1	07/11/2017 21:57	132034
Surr: p-Terphenyl-d14		10-109		85.4	%REC	1	07/11/2017 21:57	132034
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	07/10/2017 15:59	132016
Ethylbenzene	NELAP	5.0		ND	µg/L	1	07/10/2017 15:59	132016
Toluene	NELAP	5.0		ND	µg/L	1	07/10/2017 15:59	132016
Xylenes, Total	NELAP	5.0		ND	µg/L	1	07/10/2017 15:59	132016
Surr: 1,2-Dichloroethane-d4		79.6-118		107.6	%REC	1	07/10/2017 15:59	132016
Surr: 4-Bromofluorobenzene		83.9-115		101.8	%REC	1	07/10/2017 15:59	132016
Surr: Dibromofluoromethane		84.9-113		99.2	%REC	1	07/10/2017 15:59	132016
Surr: Toluene-d8		86.7-112		102.7	%REC	1	07/10/2017 15:59	132016

Client: PSC Industrial Outsourcing, LP
 Client Project: Champaign FMGP Q2 2017 GW
 Lab ID: 17070339-020
 Matrix: GROUNDWATER

Work Order: 17070339
 Report Date: 10-Aug-17
 Client Sample ID: UMW-301R
 Collection Date: 07/07/2017 10:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		< 0.005	mg/L	1	07/11/2017 14:23	132014
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		0.00348	mg/L	1	07/11/2017 13:28	132001
Acenaphthylene	NELAP	0.00010	S	0.00400	mg/L	1	07/11/2017 13:28	132001
Anthracene	NELAP	0.00010		ND	mg/L	1	07/11/2017 13:28	132001
Benzo(a)anthracene	NELAP	0.00010	S	ND	mg/L	1	07/11/2017 13:28	132001
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 13:28	132001
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/11/2017 13:28	132001
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	07/11/2017 13:28	132001
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/11/2017 13:28	132001
Chrysene	NELAP	0.00010		ND	mg/L	1	07/11/2017 13:28	132001
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	07/11/2017 13:28	132001
Fluoranthene	NELAP	0.00010		ND	mg/L	1	07/11/2017 13:28	132001
Fluorene	NELAP	0.00010		0.00016	mg/L	1	07/11/2017 13:28	132001
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 13:28	132001
Naphthalene	NELAP	0.00010		ND	mg/L	1	07/11/2017 13:28	132001
Phenanthrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 13:28	132001
Pyrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 13:28	132001
Surr: 2-Fluorobiphenyl		13.8-99.2		78.4	%REC	1	07/11/2017 13:28	132001
Surr: Nitrobenzene-d5		15.3-96.2		71.2	%REC	1	07/11/2017 13:28	132001
Surr: p-Terphenyl-d14		10-109		85.0	%REC	1	07/11/2017 13:28	132001
<i>MS and MSD did not recover within control limits due to sample composition.</i>								
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	07/10/2017 16:26	132016
Ethylbenzene	NELAP	5.0		ND	µg/L	1	07/10/2017 16:26	132016
Toluene	NELAP	5.0		ND	µg/L	1	07/10/2017 16:26	132016
Xylenes, Total	NELAP	5.0		ND	µg/L	1	07/10/2017 16:26	132016
Surr: 1,2-Dichloroethane-d4		79.6-118		106.1	%REC	1	07/10/2017 16:26	132016
Surr: 4-Bromofluorobenzene		83.9-115		104.1	%REC	1	07/10/2017 16:26	132016
Surr: Dibromofluoromethane		84.9-113		99.5	%REC	1	07/10/2017 16:26	132016
Surr: Toluene-d8		86.7-112		101.6	%REC	1	07/10/2017 16:26	132016



Laboratory Results

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Client: PSC Industrial Outsourcing, LP
 Client Project: Champaign FMGP Q2 2017 GW
 Lab ID: 17070339-021
 Matrix: GROUNDWATER

Work Order: 17070339
 Report Date: 10-Aug-17
 Client Sample ID: UMW-302
 Collection Date: 07/06/2017 13:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.025		0.119	mg/L	5	07/11/2017 16:56	132021
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		0.00030	mg/L	1	07/11/2017 22:30	132034
Acenaphthylene	NELAP	0.00010		0.00053	mg/L	1	07/11/2017 22:30	132034
Anthracene	NELAP	0.00010		ND	mg/L	1	07/11/2017 22:30	132034
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	07/11/2017 22:30	132034
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 22:30	132034
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/11/2017 22:30	132034
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	07/11/2017 22:30	132034
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/11/2017 22:30	132034
Chrysene	NELAP	0.00010		ND	mg/L	1	07/11/2017 22:30	132034
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	07/11/2017 22:30	132034
Fluoranthene	NELAP	0.00010		ND	mg/L	1	07/11/2017 22:30	132034
Fluorene	NELAP	0.00010		ND	mg/L	1	07/11/2017 22:30	132034
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 22:30	132034
Naphthalene	NELAP	0.00500		1.94	mg/L	50	07/13/2017 10:33	132034
Phenanthrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 22:30	132034
Pyrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 22:30	132034
Surr: 2-Fluorobiphenyl		13.8-99.2		75.0	%REC	50	07/13/2017 10:33	132034
Surr: Nitrobenzene-d5		15.3-96.2		76.0	%REC	50	07/13/2017 10:33	132034
Surr: p-Terphenyl-d14		10-109		77.8	%REC	1	07/11/2017 22:30	132034
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	20.0		238	µg/L	10	07/11/2017 9:37	132074
Ethylbenzene	NELAP	50.0		582	µg/L	10	07/11/2017 9:37	132074
Toluene	NELAP	50.0		ND	µg/L	10	07/11/2017 9:37	132074
Xylenes, Total	NELAP	50.0		128	µg/L	10	07/11/2017 9:37	132074
Surr: 1,2-Dichloroethane-d4		79.6-118		87.2	%REC	10	07/11/2017 9:37	132074
Surr: 4-Bromofluorobenzene		83.9-115		97.2	%REC	10	07/11/2017 9:37	132074
Surr: Dibromofluoromethane		84.9-113		94.5	%REC	10	07/11/2017 9:37	132074
Surr: Toluene-d8		86.7-112		95.9	%REC	10	07/11/2017 9:37	132074

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
 Client Project: Champaign FMGP Q2 2017 GW
 Lab ID: 17070339-022
 Matrix: GROUNDWATER

Work Order: 17070339
 Report Date: 10-Aug-17
 Client Sample ID: UMW-303
 Collection Date: 07/06/2017 15:57

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		< 0.005	mg/L	1	07/11/2017 15:24	132021
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	07/11/2017 23:02	132034
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	07/11/2017 23:02	132034
Anthracene	NELAP	0.00010		ND	mg/L	1	07/11/2017 23:02	132034
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	07/11/2017 23:02	132034
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 23:02	132034
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/11/2017 23:02	132034
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	07/11/2017 23:02	132034
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/11/2017 23:02	132034
Chrysene	NELAP	0.00010		ND	mg/L	1	07/11/2017 23:02	132034
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	07/11/2017 23:02	132034
Fluoranthene	NELAP	0.00010		ND	mg/L	1	07/11/2017 23:02	132034
Fluorene	NELAP	0.00010		ND	mg/L	1	07/11/2017 23:02	132034
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 23:02	132034
Naphthalene	NELAP	0.00010		ND	mg/L	1	07/11/2017 23:02	132034
Phenanthrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 23:02	132034
Pyrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 23:02	132034
Surr: 2-Fluorobiphenyl		13.8-99.2		96.4	%REC	1	07/11/2017 23:02	132034
Surr: Nitrobenzene-d5		15.3-96.2		96.2	%REC	1	07/11/2017 23:02	132034
Surr: p-Terphenyl-d14		10-109		86.8	%REC	1	07/11/2017 23:02	132034
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	07/10/2017 18:20	132016
Ethylbenzene	NELAP	5.0		ND	µg/L	1	07/10/2017 18:20	132016
Toluene	NELAP	5.0		ND	µg/L	1	07/10/2017 18:20	132016
Xylenes, Total	NELAP	5.0		ND	µg/L	1	07/10/2017 18:20	132016
Surr: 1,2-Dichloroethane-d4		79.6-118		106.4	%REC	1	07/10/2017 18:20	132016
Surr: 4-Bromofluorobenzene		83.9-115		102.7	%REC	1	07/10/2017 18:20	132016
Surr: Dibromofluoromethane		84.9-113		100.0	%REC	1	07/10/2017 18:20	132016
Surr: Toluene-d8		86.7-112		100.9	%REC	1	07/10/2017 18:20	132016

Client: PSC Industrial Outsourcing, LP
 Client Project: Champaign FMGP Q2 2017 GW
 Lab ID: 17070339-023
 Matrix: GROUNDWATER

Work Order: 17070339
 Report Date: 10-Aug-17
 Client Sample ID: UMW-304R
 Collection Date: 07/07/2017 8:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		< 0.005	mg/L	1	07/11/2017 15:28	132021
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		0.00082	mg/L	1	07/11/2017 23:34	132034
Acenaphthylene	NELAP	0.00010		0.00187	mg/L	1	07/11/2017 23:34	132034
Anthracene	NELAP	0.00010		ND	mg/L	1	07/11/2017 23:34	132034
Benzo(a)anthracene	NELAP	0.00010	J	0.00006	mg/L	1	07/11/2017 23:34	132034
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 23:34	132034
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/11/2017 23:34	132034
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	07/11/2017 23:34	132034
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/11/2017 23:34	132034
Chrysene	NELAP	0.00010		ND	mg/L	1	07/11/2017 23:34	132034
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	07/11/2017 23:34	132034
Fluoranthene	NELAP	0.00010		ND	mg/L	1	07/11/2017 23:34	132034
Fluorene	NELAP	0.00010		ND	mg/L	1	07/11/2017 23:34	132034
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 23:34	132034
Naphthalene	NELAP	0.00010		ND	mg/L	1	07/11/2017 23:34	132034
Phenanthrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 23:34	132034
Pyrene	NELAP	0.00010		ND	mg/L	1	07/11/2017 23:34	132034
Surr: 2-Fluorobiphenyl		13.8-99.2		79.5	%REC	1	07/11/2017 23:34	132034
Surr: Nitrobenzene-d5		15.3-96.2		81.2	%REC	1	07/11/2017 23:34	132034
Surr: p-Terphenyl-d14		10-109		68.9	%REC	1	07/11/2017 23:34	132034
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	07/10/2017 18:48	132016
Ethylbenzene	NELAP	5.0		ND	µg/L	1	07/10/2017 18:48	132016
Toluene	NELAP	5.0		ND	µg/L	1	07/10/2017 18:48	132016
Xylenes, Total	NELAP	5.0		ND	µg/L	1	07/10/2017 18:48	132016
Surr: 1,2-Dichloroethane-d4		79.6-118		106.2	%REC	1	07/10/2017 18:48	132016
Surr: 4-Bromofluorobenzene		83.9-115		103.7	%REC	1	07/10/2017 18:48	132016
Surr: Dibromofluoromethane		84.9-113		100.6	%REC	1	07/10/2017 18:48	132016
Surr: Toluene-d8		86.7-112		101.8	%REC	1	07/10/2017 18:48	132016



Laboratory Results

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Client: PSC Industrial Outsourcing, LP
 Client Project: Champaign FMGP Q2 2017 GW
 Lab ID: 17070339-024
 Matrix: GROUNDWATER

Work Order: 17070339
 Report Date: 10-Aug-17
 Client Sample ID: UMW-305
 Collection Date: 07/06/2017 9:05

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		0.008	mg/L	1	07/11/2017 15:33	132021
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	07/12/2017 0:06	132034
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	07/12/2017 0:06	132034
Anthracene	NELAP	0.00010		ND	mg/L	1	07/12/2017 0:06	132034
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	07/12/2017 0:06	132034
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	07/12/2017 0:06	132034
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/12/2017 0:06	132034
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	07/12/2017 0:06	132034
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/12/2017 0:06	132034
Chrysene	NELAP	0.00010		ND	mg/L	1	07/12/2017 0:06	132034
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	07/12/2017 0:06	132034
Fluoranthene	NELAP	0.00010		ND	mg/L	1	07/12/2017 0:06	132034
Fluorene	NELAP	0.00010		ND	mg/L	1	07/12/2017 0:06	132034
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	07/12/2017 0:06	132034
Naphthalene	NELAP	0.00010		ND	mg/L	1	07/12/2017 0:06	132034
Phenanthrene	NELAP	0.00010		ND	mg/L	1	07/12/2017 0:06	132034
Pyrene	NELAP	0.00010		ND	mg/L	1	07/12/2017 0:06	132034
Surr: 2-Fluorobiphenyl		13.8-99.2		89.1	%REC	1	07/12/2017 0:06	132034
Surr: Nitrobenzene-d5		15.3-96.2		91.6	%REC	1	07/12/2017 0:06	132034
Surr: p-Terphenyl-d14		10-109		69.8	%REC	1	07/12/2017 0:06	132034
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	07/10/2017 19:16	132016
Ethylbenzene	NELAP	5.0		ND	µg/L	1	07/10/2017 19:16	132016
Toluene	NELAP	5.0		ND	µg/L	1	07/10/2017 19:16	132016
Xylenes, Total	NELAP	5.0		ND	µg/L	1	07/10/2017 19:16	132016
Surr: 1,2-Dichloroethane-d4		79.6-118		106.7	%REC	1	07/10/2017 19:16	132016
Surr: 4-Bromofluorobenzene		83.9-115		103.8	%REC	1	07/10/2017 19:16	132016
Surr: Dibromofluoromethane		84.9-113		100.1	%REC	1	07/10/2017 19:16	132016
Surr: Toluene-d8		86.7-112		99.4	%REC	1	07/10/2017 19:16	132016



Laboratory Results

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Client: PSC Industrial Outsourcing, LP
 Client Project: Champaign FMGP Q2 2017 GW
 Lab ID: 17070339-025
 Matrix: GROUNDWATER

Work Order: 17070339
 Report Date: 10-Aug-17
 Client Sample ID: UMW-306
 Collection Date: 07/05/2017 18:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		0.036	mg/L	1	07/11/2017 15:42	132021
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	07/12/2017 0:38	132034
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	07/12/2017 0:38	132034
Anthracene	NELAP	0.00010		ND	mg/L	1	07/12/2017 0:38	132034
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	07/12/2017 0:38	132034
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	07/12/2017 0:38	132034
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/12/2017 0:38	132034
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	07/12/2017 0:38	132034
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/12/2017 0:38	132034
Chrysene	NELAP	0.00010		ND	mg/L	1	07/12/2017 0:38	132034
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	07/12/2017 0:38	132034
Fluoranthene	NELAP	0.00010		ND	mg/L	1	07/12/2017 0:38	132034
Fluorene	NELAP	0.00010		ND	mg/L	1	07/12/2017 0:38	132034
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	07/12/2017 0:38	132034
Naphthalene	NELAP	0.00010		ND	mg/L	1	07/12/2017 0:38	132034
Phenanthrene	NELAP	0.00010		ND	mg/L	1	07/12/2017 0:38	132034
Pyrene	NELAP	0.00010		ND	mg/L	1	07/12/2017 0:38	132034
Surr: 2-Fluorobiphenyl		13.8-99.2		75.1	%REC	1	07/12/2017 0:38	132034
Surr: Nitrobenzene-d5		15.3-96.2		76.0	%REC	1	07/12/2017 0:38	132034
Surr: p-Terphenyl-d14		10-109		62.6	%REC	1	07/12/2017 0:38	132034
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	07/10/2017 19:43	132016
Ethylbenzene	NELAP	5.0		ND	µg/L	1	07/10/2017 19:43	132016
Toluene	NELAP	5.0		ND	µg/L	1	07/10/2017 19:43	132016
Xylenes, Total	NELAP	5.0		ND	µg/L	1	07/10/2017 19:43	132016
Surr: 1,2-Dichloroethane-d4		79.6-118		105.7	%REC	1	07/10/2017 19:43	132016
Surr: 4-Bromofluorobenzene		83.9-115		103.4	%REC	1	07/10/2017 19:43	132016
Surr: Dibromofluoromethane		84.9-113		97.9	%REC	1	07/10/2017 19:43	132016
Surr: Toluene-d8		86.7-112		101.7	%REC	1	07/10/2017 19:43	132016



Laboratory Results

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Client: PSC Industrial Outsourcing, LP
 Client Project: Champaign FMGP Q2 2017 GW
 Lab ID: 17070339-026
 Matrix: GROUNDWATER

Work Order: 17070339
 Report Date: 10-Aug-17
 Client Sample ID: UMW-307
 Collection Date: 07/05/2017 17:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		0.028	mg/L	1	07/11/2017 15:46	132021
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	07/12/2017 1:10	132034
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	07/12/2017 1:10	132034
Anthracene	NELAP	0.00010		ND	mg/L	1	07/12/2017 1:10	132034
Benzo(a)anthracene	NELAP	0.00010	J	0.00006	mg/L	1	07/12/2017 1:10	132034
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	07/12/2017 1:10	132034
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/12/2017 1:10	132034
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	07/12/2017 1:10	132034
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/12/2017 1:10	132034
Chrysene	NELAP	0.00010		ND	mg/L	1	07/12/2017 1:10	132034
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	07/12/2017 1:10	132034
Fluoranthene	NELAP	0.00010		ND	mg/L	1	07/12/2017 1:10	132034
Fluorene	NELAP	0.00010		ND	mg/L	1	07/12/2017 1:10	132034
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	07/12/2017 1:10	132034
Naphthalene	NELAP	0.00010		ND	mg/L	1	07/12/2017 1:10	132034
Phenanthrene	NELAP	0.00010		ND	mg/L	1	07/12/2017 1:10	132034
Pyrene	NELAP	0.00010		ND	mg/L	1	07/12/2017 1:10	132034
Surr: 2-Fluorobiphenyl		13.8-99.2		82.4	%REC	1	07/12/2017 1:10	132034
Surr: Nitrobenzene-d5		15.3-96.2		82.5	%REC	1	07/12/2017 1:10	132034
Surr: p-Terphenyl-d14		10-109		72.5	%REC	1	07/12/2017 1:10	132034
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	07/11/2017 10:03	132074
Ethylbenzene	NELAP	5.0		ND	µg/L	1	07/11/2017 10:03	132074
Toluene	NELAP	5.0		ND	µg/L	1	07/11/2017 10:03	132074
Xylenes, Total	NELAP	5.0		ND	µg/L	1	07/11/2017 10:03	132074
Surr: 1,2-Dichloroethane-d4		79.6-118		87.9	%REC	1	07/11/2017 10:03	132074
Surr: 4-Bromofluorobenzene		83.9-115		99.2	%REC	1	07/11/2017 10:03	132074
Surr: Dibromofluoromethane		84.9-113		95.8	%REC	1	07/11/2017 10:03	132074
Surr: Toluene-d8		86.7-112		97.0	%REC	1	07/11/2017 10:03	132074

Client: PSC Industrial Outsourcing, LP
 Client Project: Champaign FMGP Q2 2017 GW
 Lab ID: 17070339-027
 Matrix: GROUNDWATER

Work Order: 17070339
 Report Date: 10-Aug-17

Client Sample ID: UMW-308

Collection Date: 07/07/2017 9:38

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		0.021	mg/L	1	07/11/2017 15:50	132021
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	07/12/2017 1:42	132034
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	07/12/2017 1:42	132034
Anthracene	NELAP	0.00010		ND	mg/L	1	07/12/2017 1:42	132034
Benzo(a)anthracene	NELAP	0.00010	S	ND	mg/L	1	07/12/2017 1:42	132034
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	07/12/2017 1:42	132034
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/12/2017 1:42	132034
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	07/12/2017 1:42	132034
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/12/2017 1:42	132034
Chrysene	NELAP	0.00010		ND	mg/L	1	07/12/2017 1:42	132034
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	07/12/2017 1:42	132034
Fluoranthene	NELAP	0.00010		ND	mg/L	1	07/12/2017 1:42	132034
Fluorene	NELAP	0.00010		ND	mg/L	1	07/12/2017 1:42	132034
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	07/12/2017 1:42	132034
Naphthalene	NELAP	0.00010		ND	mg/L	1	07/12/2017 1:42	132034
Phenanthrene	NELAP	0.00010		ND	mg/L	1	07/12/2017 1:42	132034
Pyrene	NELAP	0.00010		ND	mg/L	1	07/12/2017 1:42	132034
Surr: 2-Fluorobiphenyl		13.8-99.2		88.8	%REC	1	07/12/2017 1:42	132034
Surr: Nitrobenzene-d5		15.3-96.2		91.9	%REC	1	07/12/2017 1:42	132034
Surr: p-Terphenyl-d14		10-109		75.9	%REC	1	07/12/2017 1:42	132034

MS and MSD did not recover within control limits for Benzo(a)anthracene due to sample composition.

SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	07/10/2017 19:11	132035
Ethylbenzene	NELAP	5.0		ND	µg/L	1	07/10/2017 19:11	132035
Toluene	NELAP	5.0		ND	µg/L	1	07/10/2017 19:11	132035
Xylenes, Total	NELAP	5.0		ND	µg/L	1	07/10/2017 19:11	132035
Surr: 1,2-Dichloroethane-d4		79.6-118		89.5	%REC	1	07/10/2017 19:11	132035
Surr: 4-Bromofluorobenzene		83.9-115	S	98.9	%REC	1	07/10/2017 19:11	132035
Surr: Dibromofluoromethane		84.9-113		96.2	%REC	1	07/10/2017 19:11	132035
Surr: Toluene-d8		86.7-112		95.6	%REC	1	07/10/2017 19:11	132035

Surrogate recovery is outside QC limits in MSD.



Laboratory Results

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Client: PSC Industrial Outsourcing, LP
 Client Project: Champaign FMGP Q2 2017 GW
 Lab ID: 17070339-028
 Matrix: GROUNDWATER

Work Order: 17070339
 Report Date: 10-Aug-17
 Client Sample ID: UMW-902
 Collection Date: 07/07/2017 12:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.025		0.135	mg/L	5	07/11/2017 17:00	132021
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		0.00030	mg/L	1	07/12/2017 10:01	132034
Acenaphthylene	NELAP	0.00010		0.00050	mg/L	1	07/12/2017 10:01	132034
Anthracene	NELAP	0.00010		ND	mg/L	1	07/12/2017 10:01	132034
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	07/12/2017 10:01	132034
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	07/12/2017 10:01	132034
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/12/2017 10:01	132034
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	07/12/2017 10:01	132034
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/12/2017 10:01	132034
Chrysene	NELAP	0.00010		ND	mg/L	1	07/12/2017 10:01	132034
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	07/12/2017 10:01	132034
Fluoranthene	NELAP	0.00010		ND	mg/L	1	07/12/2017 10:01	132034
Fluorene	NELAP	0.00010		ND	mg/L	1	07/12/2017 10:01	132034
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	07/12/2017 10:01	132034
Naphthalene	NELAP	0.0100		1.77	mg/L	100	07/12/2017 18:19	132034
Phenanthrene	NELAP	0.00010		ND	mg/L	1	07/12/2017 10:01	132034
Pyrene	NELAP	0.00010		ND	mg/L	1	07/12/2017 10:01	132034
Surr: 2-Fluorobiphenyl		13.8-99.2		68.0	%REC	100	07/12/2017 18:19	132034
Surr: Nitrobenzene-d5		15.3-96.2		72.0	%REC	100	07/12/2017 18:19	132034
Surr: p-Terphenyl-d14		10-109		67.4	%REC	1	07/12/2017 10:01	132034
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	20.0		241	µg/L	10	07/11/2017 10:29	132074
Ethylbenzene	NELAP	50.0		573	µg/L	10	07/11/2017 10:29	132074
Toluene	NELAP	50.0		ND	µg/L	10	07/11/2017 10:29	132074
Xylenes, Total	NELAP	50.0		126	µg/L	10	07/11/2017 10:29	132074
Surr: 1,2-Dichloroethane-d4		79.6-118		87.1	%REC	10	07/11/2017 10:29	132074
Surr: 4-Bromofluorobenzene		83.9-115		96.5	%REC	10	07/11/2017 10:29	132074
Surr: Dibromofluoromethane		84.9-113		94.3	%REC	10	07/11/2017 10:29	132074
Surr: Toluene-d8		86.7-112		96.6	%REC	10	07/11/2017 10:29	132074

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
 Client Project: Champaign FMGP Q2 2017 GW
 Lab ID: 17070339-029
 Matrix: GROUNDWATER

Work Order: 17070339
 Report Date: 10-Aug-17
 Client Sample ID: UMW-907R
 Collection Date: 07/07/2017 0:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.100		0.526	mg/L	20	07/11/2017 17:05	132021
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	07/12/2017 10:34	132034
Acenaphthylene	NELAP	0.00010	J	0.00010	mg/L	1	07/12/2017 10:34	132034
Anthracene	NELAP	0.00010		0.00010	mg/L	1	07/12/2017 10:34	132034
Benzo(a)anthracene	NELAP	0.00010	J	0.00006	mg/L	1	07/12/2017 10:34	132034
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	07/12/2017 10:34	132034
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/12/2017 10:34	132034
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	07/12/2017 10:34	132034
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	07/12/2017 10:34	132034
Chrysene	NELAP	0.00010		ND	mg/L	1	07/12/2017 10:34	132034
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	07/12/2017 10:34	132034
Fluoranthene	NELAP	0.00010		ND	mg/L	1	07/12/2017 10:34	132034
Fluorene	NELAP	0.00010		ND	mg/L	1	07/12/2017 10:34	132034
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	07/12/2017 10:34	132034
Naphthalene	NELAP	0.00010		0.00053	mg/L	1	07/12/2017 10:34	132034
Phenanthrene	NELAP	0.00010		ND	mg/L	1	07/12/2017 10:34	132034
Pyrene	NELAP	0.00010		ND	mg/L	1	07/12/2017 10:34	132034
Surr: 2-Fluorobiphenyl		13.8-99.2		90.8	%REC	1	07/12/2017 10:34	132034
Surr: Nitrobenzene-d5		15.3-96.2		76.3	%REC	1	07/12/2017 10:34	132034
Surr: p-Terphenyl-d14		10-109		54.6	%REC	1	07/12/2017 10:34	132034
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		41.9	µg/L	1	07/12/2017 13:17	132097
Ethylbenzene	NELAP	5.0		ND	µg/L	1	07/12/2017 13:17	132097
Toluene	NELAP	5.0		ND	µg/L	1	07/12/2017 13:17	132097
Xylenes, Total	NELAP	5.0		ND	µg/L	1	07/12/2017 13:17	132097
Surr: 1,2-Dichloroethane-d4		79.6-118		98.5	%REC	1	07/12/2017 13:17	132097
Surr: 4-Bromofluorobenzene		83.9-115		104.8	%REC	1	07/12/2017 13:17	132097
Surr: Dibromofluoromethane		84.9-113		98.6	%REC	1	07/12/2017 13:17	132097
Surr: Toluene-d8		86.7-112		103.6	%REC	1	07/12/2017 13:17	132097



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP
 Client Project: Champaign FMGP Q2 2017 GW
 Lab ID: 17070339-030
 Matrix: GROUNDWATER

Work Order: 17070339
 Report Date: 10-Aug-17
 Client Sample ID: TRIP BLANK (A)
 Collection Date: 07/07/2017 15:25

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	07/10/2017 15:47	132037
Ethylbenzene	NELAP	5.0		ND	µg/L	1	07/10/2017 15:47	132037
Toluene	NELAP	5.0		ND	µg/L	1	07/10/2017 15:47	132037
Xylenes, Total	NELAP	5.0		ND	µg/L	1	07/10/2017 15:47	132037
Surr: 1,2-Dichloroethane-d4		79.6-118		98.5	%REC	1	07/10/2017 15:47	132037
Surr: 4-Bromofluorobenzene		83.9-115		107.8	%REC	1	07/10/2017 15:47	132037
Surr: Dibromofluoromethane		84.9-113		95.4	%REC	1	07/10/2017 15:47	132037
Surr: Toluene-d8		86.7-112		102.8	%REC	1	07/10/2017 15:47	132037



Laboratory Results

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Client: PSC Industrial Outsourcing, LP
 Client Project: Champaign FMGP Q2 2017 GW
 Lab ID: 17070339-031
 Matrix: GROUNDWATER

Work Order: 17070339
 Report Date: 10-Aug-17
 Client Sample ID: TRIP BLANK (B)
 Collection Date: 07/07/2017 15:25

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	07/10/2017 16:15	132037
Ethylbenzene	NELAP	5.0		ND	µg/L	1	07/10/2017 16:15	132037
Toluene	NELAP	5.0		ND	µg/L	1	07/10/2017 16:15	132037
Xylenes, Total	NELAP	5.0		ND	µg/L	1	07/10/2017 16:15	132037
Surr: 1,2-Dichloroethane-d4		79.6-118		100.9	%REC	1	07/10/2017 16:15	132037
Surr: 4-Bromofluorobenzene		83.9-115		106.3	%REC	1	07/10/2017 16:15	132037
Surr: Dibromofluoromethane		84.9-113		98.5	%REC	1	07/10/2017 16:15	132037
Surr: Toluene-d8		86.7-112		102.2	%REC	1	07/10/2017 16:15	132037

Client: PSC Industrial Outsourcing, LP
Client Project: Champaign FMGP Q2 2017 GW

Work Order: 17070339
Report Date: 10-Aug-17

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
17070339-001	UMW-102	Groundwater	3	07/05/2017 16:05
17070339-002	UMW-105	Groundwater	3	07/06/2017 16:50
17070339-003	UMW-106R	Groundwater	3	07/06/2017 11:50
17070339-004	UMW-107R	Groundwater	3	07/06/2017 16:58
17070339-005	UMW-108	Groundwater	3	07/06/2017 14:56
17070339-006	UMW-109	Groundwater	3	07/05/2017 18:16
17070339-007	UMW-111A	Groundwater	3	07/06/2017 12:18
17070339-008	UMW-116	Groundwater	3	07/06/2017 18:29
17070339-009	UMW-117	Groundwater	3	07/06/2017 17:46
17070339-010	UMW-118	Groundwater	3	07/06/2017 13:45
17070339-011	UMW-119	Groundwater	3	07/05/2017 17:18
17070339-012	UMW-120	Groundwater	3	07/06/2017 9:58
17070339-013	UMW-121	Groundwater	3	07/06/2017 14:35
17070339-014	UMW-123	Groundwater	3	07/06/2017 10:20
17070339-015	UMW-124	Groundwater	3	07/07/2017 8:53
17070339-016	UMW-125	Groundwater	3	07/06/2017 18:10
17070339-017	UMW-126	Groundwater	3	07/07/2017 10:45
17070339-018	UMW-127	Groundwater	3	07/07/2017 9:40
17070339-019	UMW-300	Groundwater	3	07/06/2017 11:17
17070339-020	UMW-301R	Groundwater	3	07/07/2017 10:30
17070339-021	UMW-302	Groundwater	3	07/06/2017 13:50
17070339-022	UMW-303	Groundwater	3	07/06/2017 15:57
17070339-023	UMW-304R	Groundwater	3	07/07/2017 8:45
17070339-024	UMW-305	Groundwater	3	07/06/2017 9:05
17070339-025	UMW-306	Groundwater	3	07/05/2017 18:35
17070339-026	UMW-307	Groundwater	3	07/05/2017 17:30
17070339-027	UMW-308	Groundwater	3	07/07/2017 9:38
17070339-028	UMW-902	Groundwater	3	07/07/2017 12:00
17070339-029	UMW-907R	Groundwater	3	07/07/2017 0:00
17070339-030	TRIP BLANK (A)	Groundwater	1	07/07/2017 15:25
17070339-031	TRIP BLANK (B)	Groundwater	1	07/07/2017 15:25

Client: PSC Industrial Outsourcing, LP

Work Order: 17070339

Client Project: Champaign FMGP Q2 2017 GW

Report Date: 10-Aug-17

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
17070339-001A	UMW-102	07/05/2017 16:05	07/07/2017 15:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			07/10/2017 9:50	07/10/2017 16:44
17070339-001B	UMW-102	07/05/2017 16:05	07/07/2017 15:25		
	SW-846 9012A (Total)			07/10/2017 15:00	07/11/2017 12:16
17070339-001C	UMW-102	07/05/2017 16:05	07/07/2017 15:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				07/10/2017 11:54
17070339-002A	UMW-105	07/06/2017 16:50	07/07/2017 15:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			07/10/2017 9:50	07/10/2017 17:16
17070339-002B	UMW-105	07/06/2017 16:50	07/07/2017 15:25		
	SW-846 9012A (Total)			07/10/2017 15:00	07/11/2017 17:09
17070339-002C	UMW-105	07/06/2017 16:50	07/07/2017 15:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				07/10/2017 12:21
17070339-003A	UMW-106R	07/06/2017 11:50	07/07/2017 15:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			07/10/2017 9:50	07/10/2017 17:50
17070339-003B	UMW-106R	07/06/2017 11:50	07/07/2017 15:25		
	SW-846 9012A (Total)			07/10/2017 15:00	07/11/2017 12:25
17070339-003C	UMW-106R	07/06/2017 11:50	07/07/2017 15:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				07/10/2017 12:48
17070339-004A	UMW-107R	07/06/2017 16:58	07/07/2017 15:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			07/10/2017 9:50	07/10/2017 18:23
17070339-004B	UMW-107R	07/06/2017 16:58	07/07/2017 15:25		
	SW-846 9012A (Total)			07/10/2017 15:00	07/11/2017 17:13
17070339-004C	UMW-107R	07/06/2017 16:58	07/07/2017 15:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				07/10/2017 13:16
17070339-005A	UMW-108	07/06/2017 14:56	07/07/2017 15:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			07/10/2017 9:50	07/10/2017 18:56
17070339-005B	UMW-108	07/06/2017 14:56	07/07/2017 15:25		
	SW-846 9012A (Total)			07/10/2017 15:00	07/11/2017 12:34
17070339-005C	UMW-108	07/06/2017 14:56	07/07/2017 15:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				07/10/2017 13:43
17070339-006A	UMW-109	07/05/2017 18:16	07/07/2017 15:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			07/10/2017 9:50	07/10/2017 19:29
17070339-006B	UMW-109	07/05/2017 18:16	07/07/2017 15:25		
	SW-846 9012A (Total)			07/10/2017 15:00	07/11/2017 13:00
17070339-006C	UMW-109	07/05/2017 18:16	07/07/2017 15:25		



Dates Report

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Client: PSC Industrial Outsourcing, LP

Work Order: 17070339

Client Project: Champaign FMGP Q2 2017 GW

Report Date: 10-Aug-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				07/10/2017 14:09
17070339-007A	UMW-111A	07/06/2017 12:18	07/07/2017 15:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			07/10/2017 9:50	07/10/2017 20:02
17070339-007B	UMW-111A	07/06/2017 12:18	07/07/2017 15:25		
	SW-846 9012A (Total)			07/10/2017 15:00	07/11/2017 13:04
17070339-007C	UMW-111A	07/06/2017 12:18	07/07/2017 15:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				07/10/2017 14:36
17070339-008A	UMW-116	07/06/2017 18:29	07/07/2017 15:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			07/10/2017 9:50	07/10/2017 20:34
17070339-008B	UMW-116	07/06/2017 18:29	07/07/2017 15:25		
	SW-846 9012A (Total)			07/10/2017 15:00	07/11/2017 13:09
17070339-008C	UMW-116	07/06/2017 18:29	07/07/2017 15:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				07/10/2017 15:04
17070339-009A	UMW-117	07/06/2017 17:46	07/07/2017 15:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			07/10/2017 9:50	07/10/2017 21:07
17070339-009B	UMW-117	07/06/2017 17:46	07/07/2017 15:25		
	SW-846 9012A (Total)			07/10/2017 15:00	07/11/2017 13:13
17070339-009C	UMW-117	07/06/2017 17:46	07/07/2017 15:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				07/10/2017 15:30
17070339-010A	UMW-118	07/06/2017 13:45	07/07/2017 15:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			07/10/2017 9:50	07/10/2017 21:40
17070339-010B	UMW-118	07/06/2017 13:45	07/07/2017 15:25		
	SW-846 9012A (Total)			07/10/2017 15:00	07/11/2017 17:18
17070339-010C	UMW-118	07/06/2017 13:45	07/07/2017 15:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				07/10/2017 15:58
17070339-011A	UMW-119	07/05/2017 17:18	07/07/2017 15:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			07/10/2017 15:35	07/11/2017 10:10
17070339-011B	UMW-119	07/05/2017 17:18	07/07/2017 15:25		
	SW-846 9012A (Total)			07/10/2017 15:00	07/11/2017 13:26
17070339-011C	UMW-119	07/05/2017 17:18	07/07/2017 15:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				07/10/2017 16:25
17070339-012A	UMW-120	07/06/2017 9:58	07/07/2017 15:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			07/10/2017 15:35	07/11/2017 10:43
17070339-012B	UMW-120	07/06/2017 9:58	07/07/2017 15:25		
	SW-846 9012A (Total)			07/10/2017 15:00	07/11/2017 13:31



Dates Report

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

Client: PSC Industrial Outsourcing, LP
Client Project: Champaign FMGP Q2 2017 GW

Work Order: 17070339
Report Date: 10-Aug-17

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
17070339-012C	UMW-120	07/06/2017 9:58	07/07/2017 15:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				07/10/2017 16:53
17070339-013A	UMW-121	07/06/2017 14:35	07/07/2017 15:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			07/10/2017 15:35	07/11/2017 11:16
17070339-013B	UMW-121	07/06/2017 14:35	07/07/2017 15:25		
	SW-846 9012A (Total)			07/10/2017 15:00	07/11/2017 17:22
17070339-013C	UMW-121	07/06/2017 14:35	07/07/2017 15:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				07/10/2017 17:21
17070339-014A	UMW-123	07/06/2017 10:20	07/07/2017 15:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			07/10/2017 15:35	07/11/2017 11:48
17070339-014B	UMW-123	07/06/2017 10:20	07/07/2017 15:25		
	SW-846 9012A (Total)			07/10/2017 15:00	07/11/2017 13:39
17070339-014C	UMW-123	07/06/2017 10:20	07/07/2017 15:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				07/10/2017 17:48
17070339-015A	UMW-124	07/07/2017 8:53	07/07/2017 15:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			07/10/2017 15:35	07/11/2017 12:21
17070339-015B	UMW-124	07/07/2017 8:53	07/07/2017 15:25		
	SW-846 9012A (Total)			07/10/2017 15:00	07/11/2017 13:44
17070339-015C	UMW-124	07/07/2017 8:53	07/07/2017 15:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				07/10/2017 18:16
17070339-016A	UMW-125	07/06/2017 18:10	07/07/2017 15:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			07/10/2017 15:35	07/11/2017 12:54
17070339-016B	UMW-125	07/06/2017 18:10	07/07/2017 15:25		
	SW-846 9012A (Total)			07/10/2017 15:00	07/11/2017 14:10
17070339-016C	UMW-125	07/06/2017 18:10	07/07/2017 15:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				07/11/2017 9:10
17070339-017A	UMW-126	07/07/2017 10:45	07/07/2017 15:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			07/10/2017 19:21	07/11/2017 20:52
17070339-017B	UMW-126	07/07/2017 10:45	07/07/2017 15:25		
	SW-846 9012A (Total)			07/10/2017 15:00	07/11/2017 14:14
17070339-017C	UMW-126	07/07/2017 10:45	07/07/2017 15:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				07/10/2017 15:04
17070339-018A	UMW-127	07/07/2017 9:40	07/07/2017 15:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			07/10/2017 19:21	07/11/2017 21:25
17070339-018B	UMW-127	07/07/2017 9:40	07/07/2017 15:25		



Dates Report

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

Client: PSC Industrial Outsourcing, LP
Client Project: Champaign FMGP Q2 2017 GW

Work Order: 17070339
Report Date: 10-Aug-17

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	SW-846 9012A (Total)			07/10/2017 15:00	07/11/2017 14:19
17070339-018C	UMW-127	07/07/2017 9:40	07/07/2017 15:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				07/10/2017 15:31
17070339-019A	UMW-300	07/06/2017 11:17	07/07/2017 15:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			07/10/2017 19:21	07/11/2017 21:57
17070339-019B	UMW-300	07/06/2017 11:17	07/07/2017 15:25		
	SW-846 9012A (Total)			07/10/2017 17:30	07/11/2017 14:54
17070339-019C	UMW-300	07/06/2017 11:17	07/07/2017 15:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				07/10/2017 15:59
17070339-020A	UMW-301R	07/07/2017 10:30	07/07/2017 15:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			07/10/2017 15:35	07/11/2017 13:28
17070339-020B	UMW-301R	07/07/2017 10:30	07/07/2017 15:25		
	SW-846 9012A (Total)			07/10/2017 15:00	07/11/2017 14:23
17070339-020C	UMW-301R	07/07/2017 10:30	07/07/2017 15:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				07/10/2017 16:26
17070339-021A	UMW-302	07/06/2017 13:50	07/07/2017 15:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			07/10/2017 19:21	07/11/2017 22:30
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			07/10/2017 19:21	07/13/2017 10:33
17070339-021B	UMW-302	07/06/2017 13:50	07/07/2017 15:25		
	SW-846 9012A (Total)			07/10/2017 17:30	07/11/2017 16:56
17070339-021C	UMW-302	07/06/2017 13:50	07/07/2017 15:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				07/11/2017 9:37
17070339-022A	UMW-303	07/06/2017 15:57	07/07/2017 15:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			07/11/2017 9:08	07/11/2017 23:02
17070339-022B	UMW-303	07/06/2017 15:57	07/07/2017 15:25		
	SW-846 9012A (Total)			07/10/2017 17:30	07/11/2017 15:24
17070339-022C	UMW-303	07/06/2017 15:57	07/07/2017 15:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				07/10/2017 18:20
17070339-023A	UMW-304R	07/07/2017 8:45	07/07/2017 15:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			07/11/2017 9:08	07/11/2017 23:34
17070339-023B	UMW-304R	07/07/2017 8:45	07/07/2017 15:25		
	SW-846 9012A (Total)			07/10/2017 17:30	07/11/2017 15:28
17070339-023C	UMW-304R	07/07/2017 8:45	07/07/2017 15:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				07/10/2017 18:48
17070339-024A	UMW-305	07/06/2017 9:05	07/07/2017 15:25		



Dates Report

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

Client: PSC Industrial Outsourcing, LP
Client Project: Champaign FMGP Q2 2017 GW

Work Order: 17070339
Report Date: 10-Aug-17

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			07/11/2017 9:08	07/12/2017 0:06
17070339-024B	UMW-305	07/06/2017 9:05	07/07/2017 15:25		
	SW-846 9012A (Total)			07/10/2017 17:30	07/11/2017 15:33
17070339-024C	UMW-305	07/06/2017 9:05	07/07/2017 15:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				07/10/2017 19:16
17070339-025A	UMW-306	07/05/2017 18:35	07/07/2017 15:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			07/11/2017 9:08	07/12/2017 0:38
17070339-025B	UMW-306	07/05/2017 18:35	07/07/2017 15:25		
	SW-846 9012A (Total)			07/10/2017 17:30	07/11/2017 15:42
17070339-025C	UMW-306	07/05/2017 18:35	07/07/2017 15:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				07/10/2017 19:43
17070339-026A	UMW-307	07/05/2017 17:30	07/07/2017 15:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			07/11/2017 9:08	07/12/2017 1:10
17070339-026B	UMW-307	07/05/2017 17:30	07/07/2017 15:25		
	SW-846 9012A (Total)			07/10/2017 17:30	07/11/2017 15:46
17070339-026C	UMW-307	07/05/2017 17:30	07/07/2017 15:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				07/11/2017 10:03
17070339-027A	UMW-308	07/07/2017 9:38	07/07/2017 15:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			07/11/2017 9:08	07/12/2017 1:42
17070339-027B	UMW-308	07/07/2017 9:38	07/07/2017 15:25		
	SW-846 9012A (Total)			07/10/2017 17:30	07/11/2017 15:50
17070339-027C	UMW-308	07/07/2017 9:38	07/07/2017 15:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				07/10/2017 19:11
17070339-028A	UMW-902	07/07/2017 12:00	07/07/2017 15:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			07/11/2017 9:08	07/12/2017 10:01
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			07/11/2017 9:08	07/12/2017 18:19
17070339-028B	UMW-902	07/07/2017 12:00	07/07/2017 15:25		
	SW-846 9012A (Total)			07/10/2017 17:30	07/11/2017 17:00
17070339-028C	UMW-902	07/07/2017 12:00	07/07/2017 15:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				07/11/2017 10:29
17070339-029A	UMW-907R	07/07/2017 0:00	07/07/2017 15:25		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			07/11/2017 9:08	07/12/2017 10:34
17070339-029B	UMW-907R	07/07/2017 0:00	07/07/2017 15:25		
	SW-846 9012A (Total)			07/10/2017 17:30	07/11/2017 17:05
17070339-029C	UMW-907R	07/07/2017 0:00	07/07/2017 15:25		



Dates Report

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

Client: PSC Industrial Outsourcing, LP

Work Order: 17070339

Client Project: Champaign FMGP Q2 2017 GW

Report Date: 10-Aug-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				07/12/2017 13:17
17070339-030A	TRIP BLANK (A)	07/07/2017 15:25	07/07/2017 15:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				07/10/2017 15:47
17070339-031A	TRIP BLANK (B)	07/07/2017 15:25	07/07/2017 15:25		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				07/10/2017 16:15



Quality Control Results

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Client: PSC Industrial Outsourcing, LP
Client Project: Champaign FMGP Q2 2017 GW

Work Order: 17070339
Report Date: 10-Aug-17

SW-846 9012A (TOTAL)

Batch 132014		SampType: MBLK		Units mg/L						Date Analyzed
SampID: MBLK 170710 TCN1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.005		< 0.005						07/11/2017	

Batch 132014		SampType: LCS		Units mg/L						Date Analyzed
SampID: LCS 170710 TCN1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.005		0.027	0.02500	0	109.0	90	110	07/11/2017	

Batch 132014		SampType: MS		Units mg/L						Date Analyzed
SampID: 17070339-020BMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.005		0.028	0.02500	0	110.1	75	125	07/11/2017	

Batch 132014		SampType: MSD		Units mg/L		RPD Limit 15				Date Analyzed
SampID: 17070339-020BMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Cyanide	0.005		0.027	0.02500	0	109.2	0.02752	0.82	07/11/2017	

Batch 132021		SampType: MBLK		Units mg/L						Date Analyzed
SampID: MBLK 170710 TCN2										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.005		< 0.005						07/11/2017	

Batch 132021		SampType: LCS		Units mg/L						Date Analyzed
SampID: LCS 170710 TCN2										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.005		0.027	0.02500	0	109.9	90	110	07/11/2017	

Batch 132021		SampType: MS		Units mg/L						Date Analyzed
SampID: 17070339-027BMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.005		0.048	0.02500	0.02058	108.1	75	125	07/11/2017	

Batch 132021		SampType: MSD		Units mg/L		RPD Limit 15				Date Analyzed
SampID: 17070339-027BMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Cyanide	0.005		0.046	0.02500	0.02058	102.7	0.04761	2.85	07/11/2017	

Client: PSC Industrial Outsourcing, LP

Work Order: 17070339

Client Project: Champaign FMGP Q2 2017 GW

Report Date: 10-Aug-17

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

Batch 132001		SampType: MBLK		Units mg/L						
SampID: MBLK-132001										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.00010		ND						07/10/2017	
Acenaphthylene	0.00010		ND						07/10/2017	
Anthracene	0.00010		ND						07/10/2017	
Benzo(a)anthracene	0.00010		ND						07/10/2017	
Benzo(a)pyrene	0.00010		ND						07/10/2017	
Benzo(b)fluoranthene	0.00010		ND						07/10/2017	
Benzo(g,h,i)perylene	0.00010		ND						07/10/2017	
Benzo(k)fluoranthene	0.00010		ND						07/10/2017	
Chrysene	0.00010		ND						07/10/2017	
Dibenzo(a,h)anthracene	0.00010		ND						07/10/2017	
Fluoranthene	0.00010		ND						07/10/2017	
Fluorene	0.00010		ND						07/10/2017	
Indeno(1,2,3-cd)pyrene	0.00010		ND						07/10/2017	
Naphthalene	0.00010		ND						07/10/2017	
Phenanthrene	0.00010		ND						07/10/2017	
Pyrene	0.00010		ND						07/10/2017	
Surr: 2-Fluorobiphenyl			0.00368	0.00500C		73.6	32.3	89.1	07/10/2017	
Surr: Nitrobenzene-d5			0.00364	0.00500C		72.9	27.5	99.5	07/10/2017	
Surr: p-Terphenyl-d14			0.00428	0.00500C		85.6	33	107	07/10/2017	

Batch 132001		SampType: LCS		Units mg/L						
SampID: LCS-132001										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.00010		0.00419	0.00500C	0	83.8	33.2	114	07/10/2017	
Acenaphthylene	0.00010		0.00443	0.00500C	0	88.7	33.5	115	07/10/2017	
Anthracene	0.00010		0.00452	0.00500C	0	90.4	35.1	113	07/10/2017	
Benzo(a)anthracene	0.00010		0.00510	0.00500C	0	101.9	32.1	125	07/10/2017	
Benzo(a)pyrene	0.00010		0.00485	0.00500C	0	97.1	35.3	120	07/10/2017	
Benzo(b)fluoranthene	0.00010		0.00477	0.00500C	0	95.4	38	119	07/10/2017	
Benzo(g,h,i)perylene	0.00010		0.00491	0.00500C	0	98.3	40.1	114	07/10/2017	
Benzo(k)fluoranthene	0.00010		0.00486	0.00500C	0	97.2	38.1	119	07/10/2017	
Chrysene	0.00010		0.00442	0.00500C	0	88.4	39.6	116	07/10/2017	
Dibenzo(a,h)anthracene	0.00010		0.00510	0.00500C	0	101.9	38.9	114	07/10/2017	
Fluoranthene	0.00010		0.00497	0.00500C	0	99.4	35.5	117	07/10/2017	
Fluorene	0.00010		0.00452	0.00500C	0	90.4	40.3	110	07/10/2017	
Indeno(1,2,3-cd)pyrene	0.00010		0.00509	0.00500C	0	101.7	40.4	115	07/10/2017	
Naphthalene	0.00010		0.00379	0.00500C	0	75.8	28.9	106	07/10/2017	
Phenanthrene	0.00010		0.00423	0.00500C	0	84.6	35	112	07/10/2017	
Pyrene	0.00010		0.00483	0.00500C	0	96.6	34.4	116	07/10/2017	
Surr: 2-Fluorobiphenyl			0.00382	0.00500C		76.4	32.3	89.1	07/10/2017	
Surr: Nitrobenzene-d5			0.00363	0.00500C		72.6	27.5	99.5	07/10/2017	
Surr: p-Terphenyl-d14			0.00460	0.00500C		92.1	33	107	07/10/2017	



Quality Control Results

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Client: PSC Industrial Outsourcing, LP
Client Project: Champaign FMGP Q2 2017 GW

Work Order: 17070339
Report Date: 10-Aug-17

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

Batch 132001		SampType: LCSD		Units mg/L				RPD Limit 50		Date Analyzed
SampID: LCSD-132001										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Acenaphthene	0.00010		0.00454	0.00500C	0	90.7	0.004192	7.86	07/10/2017	
Acenaphthylene	0.00010		0.00455	0.00500C	0	91.1	0.004433	2.69	07/10/2017	
Anthracene	0.00010		0.00467	0.00500C	0	93.3	0.004520	3.18	07/10/2017	
Benzo(a)anthracene	0.00010		0.00512	0.00500C	0	102.4	0.005095	0.49	07/10/2017	
Benzo(a)pyrene	0.00010		0.00488	0.00500C	0	97.6	0.004854	0.53	07/10/2017	
Benzo(b)fluoranthene	0.00010		0.00475	0.00500C	0	95.0	0.004769	0.44	07/10/2017	
Benzo(g,h,i)perylene	0.00010		0.00499	0.00500C	0	99.8	0.004913	1.60	07/10/2017	
Benzo(k)fluoranthene	0.00010		0.00458	0.00500C	0	91.6	0.004861	5.95	07/10/2017	
Chrysene	0.00010		0.00435	0.00500C	0	86.9	0.004419	1.64	07/10/2017	
Dibenzo(a,h)anthracene	0.00010		0.00510	0.00500C	0	102.0	0.005097	0.10	07/10/2017	
Fluoranthene	0.00010		0.00465	0.00500C	0	93.0	0.004970	6.61	07/10/2017	
Fluorene	0.00010		0.00474	0.00500C	0	94.7	0.004518	4.69	07/10/2017	
Indeno(1,2,3-cd)pyrene	0.00010		0.00510	0.00500C	0	102.1	0.005087	0.31	07/10/2017	
Naphthalene	0.00010		0.00382	0.00500C	0	76.5	0.003788	0.97	07/10/2017	
Phenanthrene	0.00010		0.00432	0.00500C	0	86.5	0.004231	2.15	07/10/2017	
Pyrene	0.00010		0.00444	0.00500C	0	88.9	0.004828	8.28	07/10/2017	
Surr: 2-Fluorobiphenyl			0.00311	0.00500C		62.2			07/10/2017	
Surr: Nitrobenzene-d5			0.00354	0.00500C		70.9			07/10/2017	
Surr: p-Terphenyl-d14			0.00423	0.00500C		84.7			07/10/2017	

Batch 132001		SampType: MS		Units mg/L				Date Analyzed	
SampID: 17070339-020AMS									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene	0.00010		0.00810	0.00500C	0.003480	92.4	28.4	106	07/11/2017
Acenaphthylene	0.00010	S	0.00908	0.00500C	0.004001	101.6	26.6	100	07/11/2017
Anthracene	0.00010		0.00494	0.00500C	0	98.8	24.7	101	07/11/2017
Benzo(a)anthracene	0.00010	S	0.00533	0.00500C	0	106.6	43.6	101	07/11/2017
Benzo(a)pyrene	0.00010		0.00513	0.00500C	0	102.6	39.2	106	07/11/2017
Benzo(b)fluoranthene	0.00010		0.00498	0.00500C	0	99.5	39.2	105	07/11/2017
Benzo(g,h,i)perylene	0.00010		0.00464	0.00500C	0	92.7	22.7	106	07/11/2017
Benzo(k)fluoranthene	0.00010		0.00497	0.00500C	0	99.5	39.3	106	07/11/2017
Chrysene	0.00010		0.00449	0.00500C	0	89.7	39.5	98.7	07/11/2017
Dibenzo(a,h)anthracene	0.00010		0.00487	0.00500C	0	97.4	28.3	106	07/11/2017
Fluoranthene	0.00010		0.00481	0.00500C	0	96.2	29.7	102	07/11/2017
Fluorene	0.00010		0.00499	0.00500C	0.0001620	96.5	35.2	98.6	07/11/2017
Indeno(1,2,3-cd)pyrene	0.00010		0.00485	0.00500C	0	96.9	28.3	106	07/11/2017
Naphthalene	0.00010		0.00430	0.00500C	0	86.0	23.5	94.3	07/11/2017
Phenanthrene	0.00010		0.00456	0.00500C	0	91.2	30	98.5	07/11/2017
Pyrene	0.00010		0.00466	0.00500C	0	93.2	29.7	102	07/11/2017
Surr: 2-Fluorobiphenyl			0.00408	0.00500C		81.7	13.8	99.2	07/11/2017
Surr: Nitrobenzene-d5			0.00400	0.00500C		80.0	15.3	96.2	07/11/2017
Surr: p-Terphenyl-d14			0.00409	0.00500C		81.9	10	109	07/11/2017

Client: PSC Industrial Outsourcing, LP

Work Order: 17070339

Client Project: Champaign FMGP Q2 2017 GW

Report Date: 10-Aug-17

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

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Batch 132001 SampType: MSD Units mg/L RPD Limit 50 SampID: 17070339-020AMSD									
Acenaphthene	0.00010		0.00776	0.00500C	0.003480	85.6	0.008100	4.30	07/11/2017
Acenaphthylene	0.00010		0.00853	0.00500C	0.004001	90.6	0.009080	6.22	07/11/2017
Anthracene	0.00010		0.00466	0.00500C	0	93.3	0.004941	5.77	07/11/2017
Benzo(a)anthracene	0.00010	S	0.00534	0.00500C	0	106.9	0.005330	0.26	07/11/2017
Benzo(a)pyrene	0.00010		0.00525	0.00500C	0	105.0	0.005128	2.33	07/11/2017
Benzo(b)fluoranthene	0.00010		0.00521	0.00500C	0	104.3	0.004976	4.67	07/11/2017
Benzo(g,h,i)perylene	0.00010		0.00478	0.00500C	0	95.5	0.004637	2.97	07/11/2017
Benzo(k)fluoranthene	0.00010		0.00519	0.00500C	0	103.8	0.004974	4.21	07/11/2017
Chrysene	0.00010		0.00457	0.00500C	0	91.4	0.004487	1.81	07/11/2017
Dibenzo(a,h)anthracene	0.00010		0.00505	0.00500C	0	100.9	0.004871	3.55	07/11/2017
Fluoranthene	0.00010		0.00467	0.00500C	0	93.4	0.004808	2.93	07/11/2017
Fluorene	0.00010		0.00489	0.00500C	0.0001620	94.6	0.004986	1.92	07/11/2017
Indeno(1,2,3-cd)pyrene	0.00010		0.00507	0.00500C	0	101.4	0.004847	4.50	07/11/2017
Naphthalene	0.00010		0.00404	0.00500C	0	80.7	0.004298	6.29	07/11/2017
Phenanthrene	0.00010		0.00440	0.00500C	0	88.1	0.004559	3.48	07/11/2017
Pyrene	0.00010		0.00462	0.00500C	0	92.5	0.004661	0.80	07/11/2017
Surr: 2-Fluorobiphenyl			0.00395	0.00500C		79.0			07/11/2017
Surr: Nitrobenzene-d5			0.00388	0.00500C		77.6			07/11/2017
Surr: p-Terphenyl-d14			0.00399	0.00500C		79.7			07/11/2017



Quality Control Results

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Client: PSC Industrial Outsourcing, LP

Work Order: 17070339

Client Project: Champaign FMGP Q2 2017 GW

Report Date: 10-Aug-17

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

Batch 132034 **SampType: MBLK** Units mg/L

SampID: MBLK-132034

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene	0.00010		ND						07/11/2017
Acenaphthene	0.00010		ND						07/11/2017
Acenaphthylene	0.00010		ND						07/11/2017
Anthracene	0.00010		ND						07/11/2017
Anthracene	0.00010		ND						07/11/2017
Benzo(a)anthracene	0.00010		ND						07/11/2017
Benzo(a)pyrene	0.00010		ND						07/11/2017
Benzo(b)fluoranthene	0.00010		ND						07/11/2017
Benzo(g,h,i)perylene	0.00010		ND						07/11/2017
Benzo(k)fluoranthene	0.00010		ND						07/11/2017
Chrysene	0.00010		ND						07/11/2017
Dibenzo(a,h)anthracene	0.00010		ND						07/11/2017
Fluoranthene	0.00010		ND						07/11/2017
Fluoranthene	0.00010		ND						07/11/2017
Fluorene	0.00010		ND						07/11/2017
Fluorene	0.00010		ND						07/11/2017
Indeno(1,2,3-cd)pyrene	0.00010		ND						07/11/2017
Naphthalene	0.00010		ND						07/11/2017
Naphthalene	0.00010		ND						07/11/2017
Phenanthrene	0.00010		ND						07/11/2017
Phenanthrene	0.00010		ND						07/11/2017
Pyrene	0.00010		ND						07/11/2017
Pyrene	0.00010		ND						07/11/2017
Surr: 2-Fluorobiphenyl			0.00444	0.00500C		88.8	41.4	103	07/11/2017
Surr: 2-Fluorobiphenyl			0.00383	0.00500C		76.6	32.3	89.1	07/11/2017
Surr: Nitrobenzene-d5			0.00368	0.00500C		73.7	27.5	99.5	07/11/2017
Surr: Nitrobenzene-d5			0.00363	0.00500C		72.6	43.5	100	07/11/2017
Surr: p-Terphenyl-d14			0.00542	0.00500C		108.4	44.4	114	07/11/2017
Surr: p-Terphenyl-d14			0.00405	0.00500C		80.9	33	107	07/11/2017



Quality Control Results

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Client: PSC Industrial Outsourcing, LP

Work Order: 17070339

Client Project: Champaign FMGP Q2 2017 GW

Report Date: 10-Aug-17

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

Batch 132034 **SampType:** LCS **Units** mg/L

SampID: LCS-132034

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene	0.00010		0.00452	0.00500C	0	90.3	33.2	114	07/11/2017
Acenaphthene	0.00010		0.00438	0.00500C	0	87.6	44.9	120	07/11/2017
Acenaphthylene	0.00010		0.00470	0.00500C	0	94.0	33.5	115	07/11/2017
Anthracene	0.00010		0.00455	0.00500C	0	91.0	51.1	112	07/11/2017
Anthracene	0.00010		0.00446	0.00500C	0	89.1	35.1	113	07/11/2017
Benzo(a)anthracene	0.00010		0.00517	0.00500C	0	103.3	32.1	125	07/11/2017
Benzo(a)pyrene	0.00010		0.00493	0.00500C	0	98.5	35.3	120	07/11/2017
Benzo(b)fluoranthene	0.00010		0.00481	0.00500C	0	96.2	38	119	07/11/2017
Benzo(g,h,i)perylene	0.00010		0.00491	0.00500C	0	98.2	40.1	114	07/11/2017
Benzo(k)fluoranthene	0.00010		0.00482	0.00500C	0	96.4	38.1	119	07/11/2017
Chrysene	0.00010		0.00451	0.00500C	0	90.2	39.6	116	07/11/2017
Dibenzo(a,h)anthracene	0.00010		0.00510	0.00500C	0	102.1	38.9	114	07/11/2017
Fluoranthene	0.00010		0.00522	0.00500C	0	104.4	55.9	114	07/11/2017
Fluoranthene	0.00010		0.00433	0.00500C	0	86.6	35.5	117	07/11/2017
Fluorene	0.00010		0.00468	0.00500C	0	93.6	53.5	117	07/11/2017
Fluorene	0.00010		0.00480	0.00500C	0	96.1	40.3	110	07/11/2017
Indeno(1,2,3-cd)pyrene	0.00010		0.00512	0.00500C	0	102.3	40.4	115	07/11/2017
Naphthalene	0.00010		0.00401	0.00500C	0	80.2	28.9	106	07/11/2017
Naphthalene	0.00010		0.00415	0.00500C	0	83.0	39.1	102	07/11/2017
Phenanthrene	0.00010		0.00431	0.00500C	0	86.1	35	112	07/11/2017
Phenanthrene	0.00010		0.00452	0.00500C	0	90.4	52.6	114	07/11/2017
Pyrene	0.00010		0.00433	0.00500C	0	86.6	34.4	116	07/11/2017
Pyrene	0.00010		0.00518	0.00500C	0	103.6	56.6	112	07/11/2017
Surr: 2-Fluorobiphenyl			0.00436	0.00500C		87.2	41.4	103	07/11/2017
Surr: 2-Fluorobiphenyl			0.00414	0.00500C		82.9	32.3	89.1	07/11/2017
Surr: Nitrobenzene-d5			0.00372	0.00500C		74.4	27.5	99.5	07/11/2017
Surr: Nitrobenzene-d5			0.00378	0.00500C		75.6	43.5	100	07/11/2017
Surr: p-Terphenyl-d14			0.00406	0.00500C		81.2	33	107	07/11/2017
Surr: p-Terphenyl-d14			0.00523	0.00500C		104.6	44.4	114	07/11/2017



Quality Control Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 17070339

Client Project: Champaign FMGP Q2 2017 GW

Report Date: 10-Aug-17

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

Batch 132034		SampType: LCSD		Units mg/L				RPD Limit 50		Date Analyzed
SampID: LCSD-132034										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Acenaphthene	0.00010		0.00465	0.00500C	0	92.9	0.004515	2.86	07/11/2017	
Acenaphthene	0.00010		0.00442	0.00500C	0	88.4	0.004380	0.91	07/11/2017	
Acenaphthylene	0.00010		0.00455	0.00500C	0	91.0	0.004699	3.20	07/11/2017	
Anthracene	0.00010		0.00444	0.00500C	0	88.8	0.004550	2.45	07/11/2017	
Anthracene	0.00010		0.00470	0.00500C	0	94.1	0.004456	5.41	07/11/2017	
Benzo(a)anthracene	0.00010		0.00524	0.00500C	0	104.8	0.005167	1.40	07/11/2017	
Benzo(a)pyrene	0.00010		0.00519	0.00500C	0	103.7	0.004926	5.14	07/11/2017	
Benzo(b)fluoranthene	0.00010		0.00493	0.00500C	0	98.7	0.004810	2.52	07/11/2017	
Benzo(g,h,i)perylene	0.00010		0.00515	0.00500C	0	103.1	0.004908	4.89	07/11/2017	
Benzo(k)fluoranthene	0.00010		0.00484	0.00500C	0	96.9	0.004820	0.48	07/11/2017	
Chrysene	0.00010		0.00464	0.00500C	0	92.7	0.004512	2.73	07/11/2017	
Dibenzo(a,h)anthracene	0.00010		0.00521	0.00500C	0	104.1	0.005103	2.00	07/11/2017	
Fluoranthene	0.00010		0.00466	0.00500C	0	93.2	0.004330	7.36	07/11/2017	
Fluoranthene	0.00010		0.00518	0.00500C	0	103.6	0.005220	0.77	07/11/2017	
Fluorene	0.00010		0.00468	0.00500C	0	93.6	0.004680	0.00	07/11/2017	
Fluorene	0.00010		0.00482	0.00500C	0	96.4	0.004804	0.29	07/11/2017	
Indeno(1,2,3-cd)pyrene	0.00010		0.00521	0.00500C	0	104.2	0.005117	1.78	07/11/2017	
Naphthalene	0.00010		0.00402	0.00500C	0	80.4	0.004150	3.18	07/11/2017	
Naphthalene	0.00010		0.00403	0.00500C	0	80.7	0.004012	0.55	07/11/2017	
Phenanthrene	0.00010		0.00446	0.00500C	0	89.2	0.004520	1.34	07/11/2017	
Phenanthrene	0.00010		0.00454	0.00500C	0	90.9	0.004306	5.36	07/11/2017	
Pyrene	0.00010		0.00456	0.00500C	0	91.3	0.004329	5.26	07/11/2017	
Pyrene	0.00010		0.00522	0.00500C	0	104.4	0.005180	0.77	07/11/2017	
Surr: 2-Fluorobiphenyl			0.00400	0.00500C		80.0			07/11/2017	
Surr: 2-Fluorobiphenyl			0.00418	0.00500C		83.6			07/11/2017	
Surr: Nitrobenzene-d5			0.00354	0.00500C		70.8			07/11/2017	
Surr: Nitrobenzene-d5			0.00387	0.00500C		77.4			07/11/2017	
Surr: p-Terphenyl-d14			0.00511	0.00500C		102.2			07/11/2017	
Surr: p-Terphenyl-d14			0.00412	0.00500C		82.4			07/11/2017	



Quality Control Results

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Client: PSC Industrial Outsourcing, LP
Client Project: Champaign FMGP Q2 2017 GW

Work Order: 17070339
Report Date: 10-Aug-17

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

Batch 132034		SampType: MS		Units mg/L						Date Analyzed
SampID: 17070339-027AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.00010		0.00456	0.00500C	0	91.1	28.4	106	07/12/2017	
Acenaphthylene	0.00010		0.00456	0.00500C	0	91.2	26.6	100	07/12/2017	
Anthracene	0.00010		0.00442	0.00500C	0	88.4	24.7	101	07/12/2017	
Benzo(a)anthracene	0.00010	S	0.00513	0.00500C	0	102.7	43.6	101	07/12/2017	
Benzo(a)pyrene	0.00010		0.00486	0.00500C	0	97.1	39.2	106	07/12/2017	
Benzo(b)fluoranthene	0.00010		0.00471	0.00500C	0	94.1	39.2	105	07/12/2017	
Benzo(g,h,i)perylene	0.00010		0.00458	0.00500C	0	91.6	22.7	106	07/12/2017	
Benzo(k)fluoranthene	0.00010		0.00470	0.00500C	0	94.0	39.3	106	07/12/2017	
Chrysene	0.00010		0.00437	0.00500C	0	87.3	39.5	98.7	07/12/2017	
Dibenzo(a,h)anthracene	0.00010		0.00480	0.00500C	0	95.9	28.3	106	07/12/2017	
Fluoranthene	0.00010		0.00432	0.00500C	0	86.4	29.7	102	07/12/2017	
Fluorene	0.00010		0.00459	0.00500C	0	91.9	35.2	98.6	07/12/2017	
Indeno(1,2,3-cd)pyrene	0.00010		0.00474	0.00500C	0	94.7	28.3	106	07/12/2017	
Naphthalene	0.00010		0.00431	0.00500C	0	86.2	23.5	94.3	07/12/2017	
Phenanthrene	0.00010		0.00439	0.00500C	0	87.7	30	98.5	07/12/2017	
Pyrene	0.00010		0.00432	0.00500C	0	86.3	29.7	102	07/12/2017	
Surr: 2-Fluorobiphenyl			0.00434	0.00500C		86.8	13.8	99.2	07/12/2017	
Surr: Nitrobenzene-d5			0.00424	0.00500C		84.7	15.3	96.2	07/12/2017	
Surr: p-Terphenyl-d14			0.00319	0.00500C		63.9	10	109	07/12/2017	

Batch 132034		SampType: MSD		Units mg/L						RPD Limit 50	Date Analyzed
SampID: 17070339-027AMSD											
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Acenaphthene	0.00010		0.00442	0.00500C	0	88.4	0.004557	3.01	07/12/2017		
Acenaphthylene	0.00010		0.00441	0.00500C	0	88.2	0.004558	3.28	07/12/2017		
Anthracene	0.00010		0.00441	0.00500C	0	88.2	0.004418	0.16	07/12/2017		
Benzo(a)anthracene	0.00010	S	0.00531	0.00500C	0	106.1	0.005134	3.30	07/12/2017		
Benzo(a)pyrene	0.00010		0.00508	0.00500C	0	101.6	0.004855	4.57	07/12/2017		
Benzo(b)fluoranthene	0.00010		0.00487	0.00500C	0	97.4	0.004706	3.45	07/12/2017		
Benzo(g,h,i)perylene	0.00010		0.00460	0.00500C	0	92.0	0.004579	0.50	07/12/2017		
Benzo(k)fluoranthene	0.00010		0.00482	0.00500C	0	96.5	0.004698	2.67	07/12/2017		
Chrysene	0.00010		0.00445	0.00500C	0	88.9	0.004367	1.82	07/12/2017		
Dibenzo(a,h)anthracene	0.00010		0.00499	0.00500C	0	99.9	0.004797	4.02	07/12/2017		
Fluoranthene	0.00010		0.00437	0.00500C	0	87.4	0.004321	1.08	07/12/2017		
Fluorene	0.00010		0.00442	0.00500C	0	88.4	0.004593	3.79	07/12/2017		
Indeno(1,2,3-cd)pyrene	0.00010		0.00496	0.00500C	0	99.2	0.004735	4.66	07/12/2017		
Naphthalene	0.00010		0.00446	0.00500C	0	89.1	0.004310	3.35	07/12/2017		
Phenanthrene	0.00010		0.00430	0.00500C	0	85.9	0.004387	2.12	07/12/2017		
Pyrene	0.00010		0.00428	0.00500C	0	85.7	0.004315	0.74	07/12/2017		
Surr: 2-Fluorobiphenyl			0.00431	0.00500C		86.2			07/12/2017		
Surr: Nitrobenzene-d5			0.00422	0.00500C		84.4			07/12/2017		
Surr: p-Terphenyl-d14			0.00348	0.00500C		69.6			07/12/2017		

Client: PSC Industrial Outsourcing, LP
Client Project: Champaign FMGP Q2 2017 GW

Work Order: 17070339
Report Date: 10-Aug-17

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

Batch 132016		SampType: MBLK		Units µg/L						
SampID: MBLK-N170710A-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Benzene	2.0		ND						07/10/2017	
Ethylbenzene	5.0		ND						07/10/2017	
Toluene	5.0		ND						07/10/2017	
Xylenes, Total	5.0		ND						07/10/2017	
Surr: 1,2-Dichloroethane-d4			51.7	50.00		103.4	79.6	118	07/10/2017	
Surr: 4-Bromofluorobenzene			51.4	50.00		102.8	83.9	115	07/10/2017	
Surr: Dibromofluoromethane			50.0	50.00		99.9	84.9	113	07/10/2017	
Surr: Toluene-d8			50.4	50.00		100.8	86.7	112	07/10/2017	

Batch 132016		SampType: LCSD		Units µg/L						
SampID: LCSD-N170710A-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Benzene	2.0		48.2	50.00	0	96.5	47.79	0.94	07/10/2017	
Ethylbenzene	5.0		51.5	50.00	0	103.1	50.42	2.18	07/10/2017	
Toluene	5.0		48.8	50.00	0	97.7	47.54	2.68	07/10/2017	
Xylenes, Total	5.0		154	150.0	0	102.9	153.1	0.80	07/10/2017	
Surr: 1,2-Dichloroethane-d4			50.8	50.00		101.6			07/10/2017	
Surr: 4-Bromofluorobenzene			48.7	50.00		97.5			07/10/2017	
Surr: Dibromofluoromethane			50.2	50.00		100.4			07/10/2017	
Surr: Toluene-d8			50.8	50.00		101.6			07/10/2017	

Batch 132016		SampType: LCS		Units µg/L						
SampID: LCS-N170710A-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Benzene	2.0		47.8	50.00	0	95.6	77.8	120	07/10/2017	
Ethylbenzene	5.0		50.4	50.00	0	100.8	81.8	117	07/10/2017	
Toluene	5.0		47.5	50.00	0	95.1	82.2	113	07/10/2017	
Xylenes, Total	5.0		153	150.0	0	102.0	82.7	118	07/10/2017	
Surr: 1,2-Dichloroethane-d4			51.1	50.00		102.1	79.6	118	07/10/2017	
Surr: 4-Bromofluorobenzene			48.8	50.00		97.7	83.9	115	07/10/2017	
Surr: Dibromofluoromethane			50.3	50.00		100.6	84.9	113	07/10/2017	
Surr: Toluene-d8			50.8	50.00		101.6	86.7	112	07/10/2017	

Batch 132016		SampType: LCSGD		Units %REC						
SampID: LCSGD-N170710A-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Surr: 1,2-Dichloroethane-d4			50.1	50.00		100.2			07/10/2017	
Surr: 4-Bromofluorobenzene			51.3	50.00		102.6			07/10/2017	
Surr: Dibromofluoromethane			48.7	50.00		97.3			07/10/2017	
Surr: Toluene-d8			51.4	50.00		102.8			07/10/2017	

Client: PSC Industrial Outsourcing, LP

Work Order: 17070339

Client Project: Champaign FMGP Q2 2017 GW

Report Date: 10-Aug-17

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

Batch 132016		SampType: LCSG		Units %REC						
SampID: LCSG-N170710A-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: 1,2-Dichloroethane-d4			50.7	50.00		101.5	79.6	118	07/10/2017	
Surr: 4-Bromofluorobenzene			52.1	50.00		104.1	83.9	115	07/10/2017	
Surr: Dibromofluoromethane			49.5	50.00		99.1	84.9	113	07/10/2017	
Surr: Toluene-d8			51.2	50.00		102.5	86.7	112	07/10/2017	

Batch 132016		SampType: MS		Units µg/L						
SampID: 17070339-020CMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Benzene	2.0		47.6	50.00	0	95.2	62.5	121	07/10/2017	
Ethylbenzene	5.0		48.5	50.00	0	97.1	74.4	130	07/10/2017	
Toluene	5.0		45.2	50.00	0	90.4	69.5	118	07/10/2017	
Xylenes, Total	5.0		95.3	100.0	0	95.3	71.1	125	07/10/2017	
Surr: 1,2-Dichloroethane-d4			55.1	50.00		110.2	74.7	129	07/10/2017	
Surr: 4-Bromofluorobenzene			51.4	50.00		102.9	86	119	07/10/2017	
Surr: Dibromofluoromethane			50.0	50.00		99.9	81.7	123	07/10/2017	
Surr: Toluene-d8			49.7	50.00		99.5	84.3	114	07/10/2017	

Batch 132016		SampType: MSD		Units µg/L				RPD Limit 20		Date Analyzed	
SampID: 17070339-020CMSD											
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Benzene	2.0		49.3	50.00	0	98.5	47.60	3.45	07/10/2017		
Ethylbenzene	5.0		50.2	50.00	0	100.3	48.54	3.26	07/10/2017		
Toluene	5.0		46.5	50.00	0	93.1	45.19	2.92	07/10/2017		
Xylenes, Total	5.0		97.8	100.0	0	97.8	95.28	2.58	07/10/2017		
Surr: 1,2-Dichloroethane-d4			55.7	50.00		111.4			07/10/2017		
Surr: 4-Bromofluorobenzene			52.1	50.00		104.1			07/10/2017		
Surr: Dibromofluoromethane			49.7	50.00		99.3			07/10/2017		
Surr: Toluene-d8			50.2	50.00		100.4			07/10/2017		

Batch 132035		SampType: MBLK		Units µg/L						
SampID: MBLK-R170710A-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Benzene	2.0		ND						07/10/2017	
Ethylbenzene	5.0		ND						07/10/2017	
Toluene	5.0		ND						07/10/2017	
Xylenes, Total	5.0		ND						07/10/2017	
Surr: 1,2-Dichloroethane-d4			43.4	50.00		86.8	79.6	118	07/10/2017	
Surr: 4-Bromofluorobenzene			48.9	50.00		97.7	83.9	115	07/10/2017	
Surr: Dibromofluoromethane			47.2	50.00		94.5	84.9	113	07/10/2017	
Surr: Toluene-d8			47.8	50.00		95.7	86.7	112	07/10/2017	

Client: PSC Industrial Outsourcing, LP

Work Order: 17070339

Client Project: Champaign FMGP Q2 2017 GW

Report Date: 10-Aug-17

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

Batch 132035		SampType: LCSD		Units µg/L				RPD Limit 40		Date Analyzed
SampID: LCSD-R170710A-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Benzene	2.0		48.0	50.00	0	95.9	47.53	0.88	07/10/2017	
Ethylbenzene	5.0		45.3	50.00	0	90.5	44.95	0.69	07/10/2017	
Toluene	5.0		44.6	50.00	0	89.3	44.38	0.56	07/10/2017	
Xylenes, Total	5.0		136	150.0	0	90.7	134.9	0.90	07/10/2017	
Surr: 1,2-Dichloroethane-d4			43.6	50.00		87.3			07/10/2017	
Surr: 4-Bromofluorobenzene			47.9	50.00		95.8			07/10/2017	
Surr: Dibromofluoromethane			48.4	50.00		96.8			07/10/2017	
Surr: Toluene-d8			47.3	50.00		94.6			07/10/2017	

Batch 132035		SampType: LCS		Units µg/L						Date Analyzed
SampID: LCS-R170710A-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	2.0		47.5	50.00	0	95.1	77.8	120	07/10/2017	
Ethylbenzene	5.0		45.0	50.00	0	89.9	81.8	117	07/10/2017	
Toluene	5.0		44.4	50.00	0	88.8	82.2	113	07/10/2017	
Xylenes, Total	5.0		135	150.0	0	89.9	82.7	118	07/10/2017	
Surr: 1,2-Dichloroethane-d4			42.9	50.00		85.8	79.6	118	07/10/2017	
Surr: 4-Bromofluorobenzene			47.9	50.00		95.8	83.9	115	07/10/2017	
Surr: Dibromofluoromethane			48.4	50.00		96.8	84.9	113	07/10/2017	
Surr: Toluene-d8			47.0	50.00		94.0	86.7	112	07/10/2017	

Batch 132035		SampType: MS		Units µg/L						Date Analyzed
SampID: 17070339-027CMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	2.0		47.0	50.00	0	94.0	62.5	121	07/10/2017	
Ethylbenzene	5.0		46.4	50.00	0	92.7	74.4	130	07/10/2017	
Toluene	5.0		43.5	50.00	0	87.0	69.5	118	07/10/2017	
Xylenes, Total	5.0		90.0	100.0	0	90.0	71.1	125	07/10/2017	
Surr: 1,2-Dichloroethane-d4			44.6	50.00		89.2	74.7	129	07/10/2017	
Surr: 4-Bromofluorobenzene			49.2	50.00		98.4	86	119	07/10/2017	
Surr: Dibromofluoromethane			47.6	50.00		95.3	81.7	123	07/10/2017	
Surr: Toluene-d8			47.6	50.00		95.2	84.3	114	07/10/2017	

Batch 132035		SampType: MSD		Units µg/L				RPD Limit 20		Date Analyzed
SampID: 17070339-027CMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Benzene	2.0		48.4	50.00	0	96.8	46.98	2.98	07/10/2017	
Ethylbenzene	5.0		47.0	50.00	0	94.1	46.35	1.50	07/10/2017	
Toluene	5.0		44.7	50.00	0	89.3	43.50	2.63	07/10/2017	
Xylenes, Total	5.0		92.0	100.0	0	92.0	90.03	2.18	07/10/2017	
Surr: 1,2-Dichloroethane-d4			44.7	50.00		89.4			07/10/2017	
Surr: 4-Bromofluorobenzene		S	60.5	50.00		121.0			07/10/2017	
Surr: Dibromofluoromethane			47.8	50.00		95.6			07/10/2017	
Surr: Toluene-d8			47.6	50.00		95.2			07/10/2017	

Client: PSC Industrial Outsourcing, LP

Work Order: 17070339

Client Project: Champaign FMGP Q2 2017 GW

Report Date: 10-Aug-17

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

Batch 132037		SampType: MBLK		Units µg/L						Date Analyzed
SampID: MBLK-T170710A-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	2.0		ND							07/10/2017
Ethylbenzene	5.0		ND							07/10/2017
Toluene	5.0		ND							07/10/2017
Xylenes, Total	5.0		ND							07/10/2017
Surr: 1,2-Dichloroethane-d4			48.1	50.00		96.2	79.6	118		07/10/2017
Surr: 4-Bromofluorobenzene			53.8	50.00		107.6	83.9	115		07/10/2017
Surr: Dibromofluoromethane			48.4	50.00		96.8	84.9	113		07/10/2017
Surr: Toluene-d8			51.1	50.00		102.3	86.7	112		07/10/2017

Batch 132037		SampType: LCSD		Units µg/L		RPD Limit 40				Date Analyzed
SampID: LCSD-T170710A-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Benzene	2.0		49.0	50.00	0	98.0	48.81	0.43		07/10/2017
Ethylbenzene	5.0		51.0	50.00	0	102.0	53.00	3.85		07/10/2017
Toluene	5.0		50.2	50.00	0	100.3	51.79	3.22		07/10/2017
Xylenes, Total	5.0		153	150.0	0	101.8	157.9	3.32		07/10/2017
Surr: 1,2-Dichloroethane-d4			49.3	50.00		98.6				07/10/2017
Surr: 4-Bromofluorobenzene			51.4	50.00		102.9				07/10/2017
Surr: Dibromofluoromethane			50.4	50.00		100.7				07/10/2017
Surr: Toluene-d8			51.3	50.00		102.6				07/10/2017

Batch 132037		SampType: LCS		Units µg/L						Date Analyzed
SampID: LCS-T170710A-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	2.0		48.8	50.00	0	97.6	77.8	120		07/10/2017
Ethylbenzene	5.0		53.0	50.00	0	106.0	81.8	117		07/10/2017
Toluene	5.0		51.8	50.00	0	103.6	82.2	113		07/10/2017
Xylenes, Total	5.0		158	150.0	0	105.2	82.7	118		07/10/2017
Surr: 1,2-Dichloroethane-d4			47.9	50.00		95.9	79.6	118		07/10/2017
Surr: 4-Bromofluorobenzene			51.1	50.00		102.1	83.9	115		07/10/2017
Surr: Dibromofluoromethane			48.2	50.00		96.3	84.9	113		07/10/2017
Surr: Toluene-d8			52.5	50.00		104.9	86.7	112		07/10/2017

Batch 132074		SampType: MBLK		Units µg/L						Date Analyzed
SampID: MBLK-R170711A-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	2.0		ND							07/11/2017
Ethylbenzene	5.0		ND							07/11/2017
Toluene	5.0		ND							07/11/2017
Xylenes, Total	5.0		ND							07/11/2017
Surr: 1,2-Dichloroethane-d4			43.0	50.00		86.0	79.6	118		07/11/2017
Surr: 4-Bromofluorobenzene			49.6	50.00		99.3	83.9	115		07/11/2017
Surr: Dibromofluoromethane			47.2	50.00		94.4	84.9	113		07/11/2017
Surr: Toluene-d8			48.0	50.00		95.9	86.7	112		07/11/2017



Quality Control Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 17070339

Client Project: Champaign FMGP Q2 2017 GW

Report Date: 10-Aug-17

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

Batch 132074		SampType: LCSD		Units µg/L				RPD Limit 40		Date Analyzed
SampID: LCSD-R170711A-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Benzene	2.0		48.5	50.00	0	97.0	47.67	1.71	07/11/2017	
Ethylbenzene	5.0		47.4	50.00	0	94.8	46.80	1.23	07/11/2017	
Toluene	5.0		46.3	50.00	0	92.6	45.64	1.46	07/11/2017	
Xylenes, Total	5.0		141	150.0	0	94.2	135.0	4.54	07/11/2017	
Surr: 1,2-Dichloroethane-d4			42.5	50.00		85.0			07/11/2017	
Surr: 4-Bromofluorobenzene			52.7	50.00		105.4			07/11/2017	
Surr: Dibromofluoromethane			47.9	50.00		95.7			07/11/2017	
Surr: Toluene-d8			47.9	50.00		95.7			07/11/2017	

Batch 132074		SampType: LCS		Units µg/L						Date Analyzed
SampID: LCS-R170711A-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	2.0		47.7	50.00	0	95.3	77.8	120	07/11/2017	
Ethylbenzene	5.0		46.8	50.00	0	93.6	81.8	117	07/11/2017	
Toluene	5.0		45.6	50.00	0	91.3	82.2	113	07/11/2017	
Xylenes, Total	5.0		135	150.0	0	90.0	82.7	118	07/11/2017	
Surr: 1,2-Dichloroethane-d4			43.1	50.00		86.3	79.6	118	07/11/2017	
Surr: 4-Bromofluorobenzene			47.4	50.00		94.9	83.9	115	07/11/2017	
Surr: Dibromofluoromethane			48.2	50.00		96.4	84.9	113	07/11/2017	
Surr: Toluene-d8			47.9	50.00		95.9	86.7	112	07/11/2017	

Batch 132074		SampType: MS		Units µg/L						Date Analyzed
SampID: 17070339-028CMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	20.0		737	500.0	241.2	99.2	62.5	121	07/11/2017	
Ethylbenzene	50.0		1050	500.0	572.8	94.5	74.4	130	07/11/2017	
Toluene	50.0		468	500.0	0	93.6	69.5	118	07/11/2017	
Xylenes, Total	50.0		1080	1000	125.9	95.4	71.1	125	07/11/2017	
Surr: 1,2-Dichloroethane-d4			436	500.0		87.1	74.7	129	07/11/2017	
Surr: 4-Bromofluorobenzene			500	500.0		100.0	86	119	07/11/2017	
Surr: Dibromofluoromethane			472	500.0		94.4	81.7	123	07/11/2017	
Surr: Toluene-d8			472	500.0		94.5	84.3	114	07/11/2017	

Batch 132074		SampType: MSD		Units µg/L				RPD Limit 20		Date Analyzed
SampID: 17070339-028CMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Benzene	20.0		723	500.0	241.2	96.3	737.3	2.00	07/11/2017	
Ethylbenzene	50.0		1030	500.0	572.8	91.0	1045	1.68	07/11/2017	
Toluene	50.0		462	500.0	0	92.4	468.1	1.31	07/11/2017	
Xylenes, Total	50.0		1060	1000	125.9	93.9	1080	1.41	07/11/2017	
Surr: 1,2-Dichloroethane-d4			442	500.0		88.3			07/11/2017	
Surr: 4-Bromofluorobenzene			486	500.0		97.2			07/11/2017	
Surr: Dibromofluoromethane			476	500.0		95.2			07/11/2017	
Surr: Toluene-d8			484	500.0		96.8			07/11/2017	

Client: PSC Industrial Outsourcing, LP

Work Order: 17070339

Client Project: Champaign FMGP Q2 2017 GW

Report Date: 10-Aug-17

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

Batch 132097		SampType: MBLK		Units µg/L						Date Analyzed
SampID: MBLK-T170712A-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	2.0		ND						07/12/2017	
Ethylbenzene	5.0		ND						07/12/2017	
Toluene	5.0		ND						07/12/2017	
Xylenes, Total	5.0		ND						07/12/2017	
Surr: 1,2-Dichloroethane-d4			49.4	50.00		98.8	79.6	118	07/12/2017	
Surr: 4-Bromofluorobenzene			52.4	50.00		104.8	83.9	115	07/12/2017	
Surr: Dibromofluoromethane			48.9	50.00		97.9	84.9	113	07/12/2017	
Surr: Toluene-d8			49.8	50.00		99.5	86.7	112	07/12/2017	

Batch 132097		SampType: LCSD		Units µg/L		RPD Limit 40				Date Analyzed
SampID: LCSD-T170712A-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Benzene	2.0		48.4	50.00	0	96.8	53.49	10.03	07/12/2017	
Ethylbenzene	5.0		52.8	50.00	0	105.6	56.40	6.63	07/12/2017	
Toluene	5.0		52.7	50.00	0	105.3	55.70	5.61	07/12/2017	
Xylenes, Total	5.0		158	150.0	0	105.0	168.5	6.70	07/12/2017	
Surr: 1,2-Dichloroethane-d4			48.4	50.00		96.8			07/12/2017	
Surr: 4-Bromofluorobenzene			52.4	50.00		104.9			07/12/2017	
Surr: Dibromofluoromethane			49.1	50.00		98.1			07/12/2017	
Surr: Toluene-d8			51.7	50.00		103.4			07/12/2017	

Batch 132097		SampType: LCS		Units µg/L						Date Analyzed
SampID: LCS-T170712A-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	2.0		53.5	50.00	0	107.0	77.8	120	07/12/2017	
Ethylbenzene	5.0		56.4	50.00	0	112.8	81.8	117	07/12/2017	
Toluene	5.0		55.7	50.00	0	111.4	82.2	113	07/12/2017	
Xylenes, Total	5.0		168	150.0	0	112.3	82.7	118	07/12/2017	
Surr: 1,2-Dichloroethane-d4			49.4	50.00		98.7	79.6	118	07/12/2017	
Surr: 4-Bromofluorobenzene			51.8	50.00		103.5	83.9	115	07/12/2017	
Surr: Dibromofluoromethane			50.2	50.00		100.4	84.9	113	07/12/2017	
Surr: Toluene-d8			50.6	50.00		101.2	86.7	112	07/12/2017	



Receiving Check List

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

Client: PSC Industrial Outsourcing, LP

Work Order: 17070339

Client Project: Champaign FMGP Q2 2017 GW

Report Date: 10-Aug-17

Carrier: Daniel Wheaton

Received By: TAC

Completed by:

Reviewed by:

On:

07-Jul-17

Emily Pohlman

On:

07-Jul-17

Elizabeth A. Hurley

Pages to follow: Chain of custody

Extra pages included

- Shipping container/cooler in good condition? Yes No Not Present Temp °C **3.62**
- 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.

UMW-102 is labeled as collected at 15:56 rather than 16:05. Brandon Teel was notified of this error via work order summary. BJSJ/EAH 7/7/17

Trip Blank collection date and time will be reported as the received date and time (end of trip).

CHAIN OF CUSTODY

pg. 1 of 4 Work order # 17070339

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

Client: Lynch Avenue MGP Remediation Field Office - PSC Industrial
Address: 2030 Lynch Avenue 210 West Sand Bank Rd
City / State / Zip: East St. Louis, IL Columbia, IL 62236
Contact: Michael Crutcher Brandon Teel **Phone:** (618) 281-4543 7173
E-Mail: BrandonTeel@pscnow.com **Fax:** (618) 281-5120

Samples on: ICE BLUE ICE NO ICE 3.62°C
Preserved in: LAB FIELD TAC 7/11/17 **FOR LAB USE ONLY**
Lab Notes:
OK HS TAC 7/11/17

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

Client Comments:
 SVOC 8270 Sim: PAH's and 2-Methylnaphthalene.
 Select VOC 8260: BTEX, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, and Methylene Chloride.
 Total 8 RCRA Metals: 6010 As Ba Cd Cr Pb Ag, 6020 Se, and 7471 Hg.
RO's equal or less than TACO Tier 1

Project Name/Number: Lynch Avenue Confirmation Soil
Champaign FMGP Q2 2017 6W
Sample Collector's Name: D. Wheaton / A. Coakley

Results Requested: Standard 1-2 Day (100% Surcharge)
 Other 3 Day (50% Surcharge)
Billing Instructions: Cindy Grohman
and Type of Containers:

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers							
			UNPRES	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	OTHER
<u>17070339</u>	<u>UMW-102</u>	<u>7-5-17/16:05</u>	<u>1</u>				<u>2</u>			
<u>102</u>	<u>UMW-105</u>	<u>7-6-17/16:50</u>	<u>1</u>				<u>2</u>			
<u>103</u>	<u>UMW-106R</u>	<u>7-6-17/16:50</u>	<u>1</u>				<u>2</u>			
<u>104</u>	<u>UMW-107R</u>	<u>7-6-17/16:58</u>	<u>1</u>				<u>2</u>			
<u>105</u>	<u>UMW-108</u>	<u>7-6-17/14:56</u>	<u>1</u>				<u>2</u>			
<u>106</u>	<u>UMW-109</u>	<u>7-5-17/18:16</u>	<u>1</u>				<u>2</u>			
<u>107</u>	<u>UMW-111A</u>	<u>7-6-17/12:18</u>	<u>1</u>				<u>2</u>			
<u>108</u>	<u>UMW-116</u>	<u>7-6-17/18:29</u>	<u>1</u>				<u>2</u>			

MATRIX				INDICATE ANALYSIS REQUESTED												
Aqueous	Drinking Water	Soil	Sludge	Groundwater	Special Waste	Cyanide Total	Cyanide Amenable	Percent Moisture	pH	Select VOC's 8260	SVOC 8270 SIM	Total 8 RCRA Metals	BTEX 8260	PAH 8270 SIM	Total Cyanide 9012	MS/MSD
				X									X	X	X	
				X									X	X	X	
				X									X	X	X	
				X									X	X	X	
				X									X	X	X	
				X									X	X	X	
				X									X	X	X	

Relinquished By: David D. Wheaton **Date/Time:** 7-7-17/15:25

Received By: Jessy Carroll **Date/Time:** 7/7/17 15:25

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.

Bottle Order:



CHAIN OF CUSTODY

pg. 2 of 4 Work order # 17070339

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

Client: Lynch Avenue MGP Remediation Field Office PSC Industrial
Address: 2030 Lynch Avenue 210 West Sand Bank Rd
City / State / Zip: East St. Louis, IL Columbia, IL 62236
Contact: Michael Grutsher Brandon Teel **Phone:** (618) 281-7543 7173
E-Mail: mgrutsher@pscnow.com **Fax:** (618) 281-5120
Brandon Teel

Samples on: ICE BLUE ICE NO ICE 3.62 °C
Preserved in: LAB FIELD **FOR LAB USE ONLY**
Lab Notes

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

Client Comments:
 SVOC 8270 Sim: PAH's and 2-Methylnaphthalene
 Select VOC 8260: BTEX 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, and Methylene Chloride.
 Total 8 RCRA Metals: 6010 As Ba Cd Cr Pb Ag, 6020 Se, and 7471 Hg.
RO's equal or less than TACO Tier 1

Project Name/Number: Lynch Avenue Confirmation Soil Champaign FMGP Q2 2017 GW
Sample Collector's Name: D. Wheaton/A. Codigan

Results Requested: Standard 1-2 Day (100% Surcharge) Other 3 Day (50% Surcharge)
Billing Instructions: Gindy Brohman
and Type of Containers:

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers							
			UNPRES	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	OTHER
<u>17070339-009</u>	<u>UMW-117</u>	<u>7-6-17/17:46</u>	<u>1</u>	<u>1</u>	<u>2</u>					
<u>010</u>	<u>UMW-118</u>	<u>7-6-17/13:45</u>	<u>1</u>	<u>1</u>	<u>2</u>					
<u>011</u>	<u>UMW-119</u>	<u>7-5-17/17:18</u>	<u>1</u>	<u>1</u>	<u>2</u>					
<u>012</u>	<u>UMW-120</u>	<u>7-6-17/9:58</u>	<u>1</u>	<u>1</u>	<u>2</u>					
<u>013</u>	<u>UMW-121</u>	<u>7-6-17/14:35</u>	<u>1</u>	<u>1</u>	<u>2</u>					
<u>014</u>	<u>UMW-123</u>	<u>7-6-17/10:20</u>	<u>1</u>	<u>1</u>	<u>2</u>					
<u>015</u>	<u>UMW-124</u>	<u>7-7-17/8:53</u>	<u>1</u>	<u>1</u>	<u>2</u>					
<u>016</u>	<u>UMW-125</u>	<u>7-6-17/18:10</u>	<u>1</u>	<u>1</u>	<u>2</u>					
<u>017</u>	<u>UMW-126</u>	<u>7-7-17/10:45</u>	<u>1</u>	<u>1</u>	<u>2</u>					

MATRIX				INDICATE ANALYSIS REQUESTED												
Aqueous	Drinking Water	Soil	Sludge	Groundwater	Special Waste	Cyanide Total	Cyanide Amenable	Percent Moisture	pH	Select VOC's 8260	SVOC 8270 SIM	Total 8 RCRA Metals	BTEX 8260	PAH 8270 SIM	Total Cyanide %02	N9/MSD
				X									X	X	X	
				X									X	X	X	
				X									X	X	X	
				X									X	X	X	
				X									X	X	X	
				X									X	X	X	
				X									X	X	X	

Relinquished By: David D. Albertson **Date/Time:** 7-7-17/15:25

Received By: Jessy Carroll **Date/Time:** 7/7/17 1525

The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.

BottleOrder: 



CHAIN OF CUSTODY

pg. 3 of 4 Work order # 17010339

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

Client: Lynch Avenue MGP Remediation Field Office PSC Industrial
Address: 2030 Lynch Avenue 210 W. Sand Bank Rd
City / State / Zip: East St. Louis, IL Columbia, IL 62236
Contact: Michael Crutcher - Brandon Teel **Phone:** (618) 281-7543 7173
E-Mail: mcrutcher@pscnow.com **Fax:** (618) 281-5120
Brandon Teel

Samples on: ICE BLUE ICE NO ICE 3.62 °C
Preserved in: LAB FIELD **FOR LAB USE ONLY**
Lab Notes:

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

Client Comments:
 SVOC 8270 Sim: PAH's and 2-Methylnaphthalene
 Select VOC 8260: BTEX 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, and Methylene Chloride.
 Total 8 RCRA Metals: 6010 As Ba Cd Cr Pb Ag, 6020 Se, and 7471 Hg.
RO's equal or less than TACO Tier 1

Project Name/Number		Sample Collector's Name		INDICATE ANALYSIS REQUESTED																								
<u>Lynch Avenue Confirmation Soil - Champaign FMGP Q2 2017 GW</u>		<u>D. Wheaton / A. Cudigan</u>																										
Results Requested		Billing Instructions		# and Type of Containers								MATRIX																
<input checked="" type="checkbox"/> Standard <input type="checkbox"/> 1-2 Day (100% Surcharge) <input type="checkbox"/> Other <input type="checkbox"/> 3 Day (50% Surcharge)		<u>Cindy Brohman</u>		UNPRES	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	OTHER	Aqueous	Drinking Water	Soil	Sludge	Special Waste	Groundwater	Cyanide Total	Cyanide Amenable	Percent Moisture	pH	Select VOC's 8260	SVOC 8270 SIM	Total 8 RCRA Metals	BTEX 8260	PAH 8270 SIM	Total Cyanide 9012	MS/MSD
Lab Use Only	Sample Identification	Date/Time Sampled																										
<u>17070339-018</u>	<u>UMW-127</u>	<u>7-7-17/9:40</u>	<u>1</u>	<u>1</u>	<u>2</u>											<u>X</u>									<u>X</u>	<u>X</u>	<u>X</u>	
<u>019</u>	<u>UMW-300</u>	<u>7-6-17/11:17</u>	<u>1</u>	<u>1</u>	<u>2</u>											<u>X</u>									<u>X</u>	<u>X</u>	<u>X</u>	
<u>020</u>	<u>UMW-301R</u>	<u>7-7-17/10:30</u>	<u>3</u>	<u>1</u>	<u>6</u>											<u>X</u>									<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
<u>021</u>	UMW-301 <u>UMW-302</u>	<u>7-6-17/13:50</u>	<u>1</u>	<u>1</u>	<u>2</u>											<u>X</u>									<u>X</u>	<u>X</u>	<u>X</u>	
<u>022</u>	<u>UMW-303</u>	<u>7-6-17/15:57</u>	<u>1</u>	<u>1</u>	<u>2</u>											<u>X</u>									<u>X</u>	<u>X</u>	<u>X</u>	
<u>023</u>	<u>UMW-304R</u>	<u>7-7-17/8:45</u>	<u>1</u>	<u>1</u>	<u>2</u>											<u>X</u>									<u>X</u>	<u>X</u>	<u>X</u>	
<u>024</u>	<u>UMW-305</u>	<u>7-6-17/9:05</u>	<u>1</u>	<u>1</u>	<u>2</u>											<u>X</u>									<u>X</u>	<u>X</u>	<u>X</u>	
<u>025</u>	<u>UMW-306</u>	<u>7-5-17/18:35</u>	<u>1</u>	<u>1</u>	<u>2</u>											<u>X</u>									<u>X</u>	<u>X</u>	<u>X</u>	
<u>026</u>	<u>UMW-307</u>	<u>7-5-17/17:30</u>	<u>1</u>	<u>1</u>	<u>2</u>											<u>X</u>									<u>X</u>	<u>X</u>	<u>X</u>	

Relinquished By		Date/Time	Received By		Date/Time
<u>David D. Wheaton</u>		<u>7-7-17 / 15:25</u>	<u>Lacey Carroll</u>		<u>7/7/17 1525</u>

CHAIN OF CUSTODY

pg. 4 of 4 Work order # 17070339

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

Client: <u>Lynch Avenue MGP Remediation Field Office PSC Industrial</u> Address: <u>2030 Lynch Avenue 210 West Sand Bank Rd</u> City / State / Zip: <u>East St. Louis, IL Columbia, IL 62236</u> Contact: <u>Michael Crutcher Brandon Teel</u> Phone: <u>(618) 281-7543 7173</u> E-Mail: <u>monateher@pscnow.com</u> Fax: <u>(618) 281-5120</u> <u>Brandon Teel</u>	Samples on: <input checked="" type="checkbox"/> ICE <input type="checkbox"/> BLUE ICE <input type="checkbox"/> NO ICE <u>3.62 °C</u> Preserved in: <input type="checkbox"/> LAB <input type="checkbox"/> FIELD FOR LAB USE ONLY Lab Notes Client Comments: SVOC 8270 Sim: PAH's and 2-Methylnaphthalene. Select VOC 8260: BTEX, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, and Methylene Chloride. Total 8 RCRA Metals: 6010 As Ba Cd Cr Pb Ag, 6020 Se, and 7471 Hg. RO's equal or less than TACO Tier 1
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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 <u>Lynch Avenue Confirmation Soil</u> <u>Champion FMGP Q2 2017 GW</u>		Sample Collector's Name <u>Dr. Wheaton / A. Cadigan</u>		MATRIX		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)		Billing Instructions <u>Cindy Grohman</u>		# and Type of Containers								Aqueous	Drinking Water	Soil	Sludge	Special Waste	Groundwater	Cyanide Total	Cyanide Amenable	Percent Moisture	pH	Select VOC's 8260	SVOC 8270 SIM	Total 8 RCRA Metals	BTEX 8260	PAH 8270 SIM	Total Cyanide 9012	MS/MSD
Lab Use Only	Sample Identification	Date/Time Sampled	UNPRES	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	OTHER																		
17070339	<u>027 UMW-308</u>	<u>7-7-17/9:38</u>	<u>3</u>	<u>1</u>	<u>6</u>										X								X	X	X	X		
	<u>028 UMW-902</u>	<u>7-7-17/12:00</u>	<u>1</u>	<u>1</u>	<u>2</u>										X								X	X	X			
	<u>029 UMW-907R</u>	<u>7-7-17/-</u>	<u>1</u>	<u>1</u>	<u>2</u>										X								X	X	X			
	<u>030 TRIP BLANK(A)</u>	<u>7-7-17/-</u>			<u>2</u>							X											X					
	<u>031 TRIP BLANK(B)</u>	<u>7-7-17/-</u>			<u>2</u>							X											X					

Relinquished By	Date/Time	Received By	Date/Time
<u>David D. Wheaton</u>	<u>7-7-17/15:25</u>	<u>Jessy Carroll</u>	<u>7/7/17 1525</u>