



April 25, 2019

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

Dear Mr. Hall:

**Subject: Groundwater Monitoring Update – Quarter 4, 2016 Sampling Event
Champaign Former MGP Site, Champaign, Illinois**

On behalf of Ameren Illinois, Natural Resource Technology (NRT) and PSC Industrial Outsourcing, LP (PSC) have completed the fourth quarter 2016 groundwater sampling event at the Champaign Former Manufactured Gas Plant (FMGP) Site. The Site is located at 308 N. 5th Street in Champaign, Illinois. This report discusses the analytical results of the quarterly groundwater monitoring event conducted in December 2016.

INTRODUCTION

The fourth quarter groundwater monitoring event of 2016 was conducted from December 13 through 15. During the December sampling event, samples were collected from 27 groundwater monitoring wells – the seven on-site wells and 20 of the 21 off-site wells. Monitoring well UMW-122 was frozen, preventing sample collection for laboratory analysis.

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

Groundwater level measurement data for the fourth quarter 2016 sampling event is provided in Table 1 of Attachment 1. Information on the table includes water depth below each well’s measuring point (MP), calculated groundwater elevation, and the amount of purged water removed prior to sampling. Groundwater elevation contour maps for the shallow monitoring zone (i.e., water table) and the intermediate depth unit are provided on Figures 1 and 2 of Attachment 1, respectively. Groundwater monitoring results for constituents exceeding Illinois Environmental Protection Agency (IEPA) groundwater standards are shown on Figure 3 of Attachment 1. Groundwater data from March 2015 through December 2016 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 intermediate wells UMW-302 and UMW-307R, with the duplicates identified as UMW-902 and UMW-907R, respectively, on the laboratory analytical report.



GROUNDWATER MONITORING RESULTS

Groundwater Levels

Groundwater levels in the shallow monitoring wells at the Champaign FMGP Site in December 2016 (Table 1, Attachment 1) ranged from 2.97 to 19.66 feet below land surface (BLS). The shallowest groundwater levels occurred on-site, with water levels ranging from 2.97 to 5.08 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 December 2016 ranged from 0.02 to 0.06 foot per foot (ft/ft).

Groundwater levels in the intermediate depth monitoring wells, which monitor the intermediate groundwater unit, ranged from 27.0 to 29.95 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 0.001 to 0.002 ft/ft.

Groundwater Quality Data

Figure 3 (Attachment 1) summarizes those wells and constituents which had an exceedance of at least one Class I or Class II groundwater standard (i.e., remediation objective) based on the December 2016 sampling event. The shallow groundwater unit is classified as Class II, and the intermediate groundwater unit is classified as Class I groundwater. Three of the 27 monitoring wells sampled in the fourth quarter of 2016 had at least one MGP-related constituent exceeding Class I or II standards. On-site shallow well UMW-124 and off-site shallow well UMW-107R (as well as its duplicate) had benzene exceedances. The duplicate for UMW-107R also contained a cyanide exceedance. Intermediate depth well UMW-302 and its duplicate had benzene, naphthalene, and cyanide concentrations in exceedance of Class I groundwater standards. None of the remaining 17 shallow or eight intermediate depth monitoring wells within or surrounding the FMGP Site had an exceedance of cyanide, BTEX, or PAH compounds in the December 2016 event.

The two cyanide concentrations with an exceedance of groundwater standards in any of the on-site or off-site monitoring wells, shallow or intermediate depths, was at intermediate depth well UMW-302 and the duplicate of shallow well UMW-107R. Groundwater sampled from UMW-302 had a concentration of 0.202 milligrams per Liter (mg/L) versus the Class II groundwater standard of 0.2 mg/L. There have been no cyanide concentrations above groundwater ROs in UMW-302 prior to this event. Groundwater sampled from UMW-907 (duplicate of UMW-107R) had a concentration of 0.627 mg/L versus the Class I groundwater standard of 0.60 mg/L.

The monitoring well locations with exceedances of an organic constituent (BTEX or PAHs) in December 2016 were shallow wells UMW-107R (and its duplicate) and UMW-124 and intermediate well UMW-302. Shallow well UMW-124, located on-site, had a benzene concentration of 0.115 mg/L, in December 2016 versus a Class II groundwater standard of 0.025 mg/L. Off-site monitoring well UMW-107R and UMW-907 had benzene concentrations of 0.0779 mg/L and 0.0746 mg/L, respectively. No other shallow monitoring wells located on-site or off-site had an exceedance of 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 had benzene concentrations of 0.186 and 0.184 mg/L, respectively, versus a Class I groundwater standard of 0.005, and naphthalene concentrations of 1.05 and 1.14 mg/L, respectively, compared to a Class I groundwater standard of 0.140 mg/L. This intermediate depth well, screened from 35 to 45 feet BLS and separated from the adjacent shallow well UMW-121 by over 20 vertical feet of silty clay, was the only intermediate downgradient well monitored in the third quarter of 2016 that had organic constituent exceedances of Class I standards. The other

intermediate screened wells located downgradient of this well (UMW-305, UMW-306, and UMW-307) have not had any exceedances 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) had an exceedance of any Class I standards.

Figure 4 shows the benzene concentration in intermediate monitoring well UMW-302. Benzene concentrations decreased from 0.220 mg/L in September 2016 to 0.186 mg/L in December 2016. The naphthalene concentration in UMW-302 decreased from 1.70 mg/L in September 2016 to 1.05 mg/L in December 2016 (Figure 5). The highest observed benzene and naphthalene concentrations at well UMW-302 since monitoring began in May 2008 are 1.60 and 4.72 mg/L, respectively. The observed fourth quarter 2016 concentrations of benzene and naphthalene are at 12 and 22 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 December 2016, the only shallow monitoring wells (i.e., water-table wells) with a Class II groundwater exceedance were on-site monitoring well UMW-124 and off-site monitoring well UMW-107R. None of the shallow wells on-site or off-site had an exceedance of cyanide in the fourth quarter. Shallow monitoring wells UMW-107R and UMW-124 had an exceedance of benzene, but no other Class II standards for organic constituents (BTEX and PAHs) were exceeded.

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 standard except at well UMW-302, located south of the Site. In the fourth quarter of 2016, intermediate monitoring well UMW-302 had exceedances for benzene, naphthalene, and cyanide. None of the three intermediate depth wells installed on-site in 2012 had an exceedance of Class I standards for cyanide, BTEX, or PAHs. No monitoring wells located downgradient of well UMW-302 had an exceedance for cyanide, BTEX, or PAHs.

The next quarterly groundwater sampling event will be conducted during March 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
Supervisor Environmental Compliance
Ameren Services

Attachments: 1. Table 1; Figures 1 through 5
2. Groundwater Data from March 2015 through December 2016
3. Table 2; Laboratory Analytical Report and Chain of Custodies

cc: File: WM 10.45

ATTACHMENT 1

Table 1 – Groundwater Level Measurement Data

Figure 1 – Shallow Zone Groundwater Level Contour Map –
December 2016

Figure 2 – Intermediate Zone Groundwater Level Contour Map –
December 2016

Figure 3 – Exceedances of Class I Groundwater Standards
December 2016 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

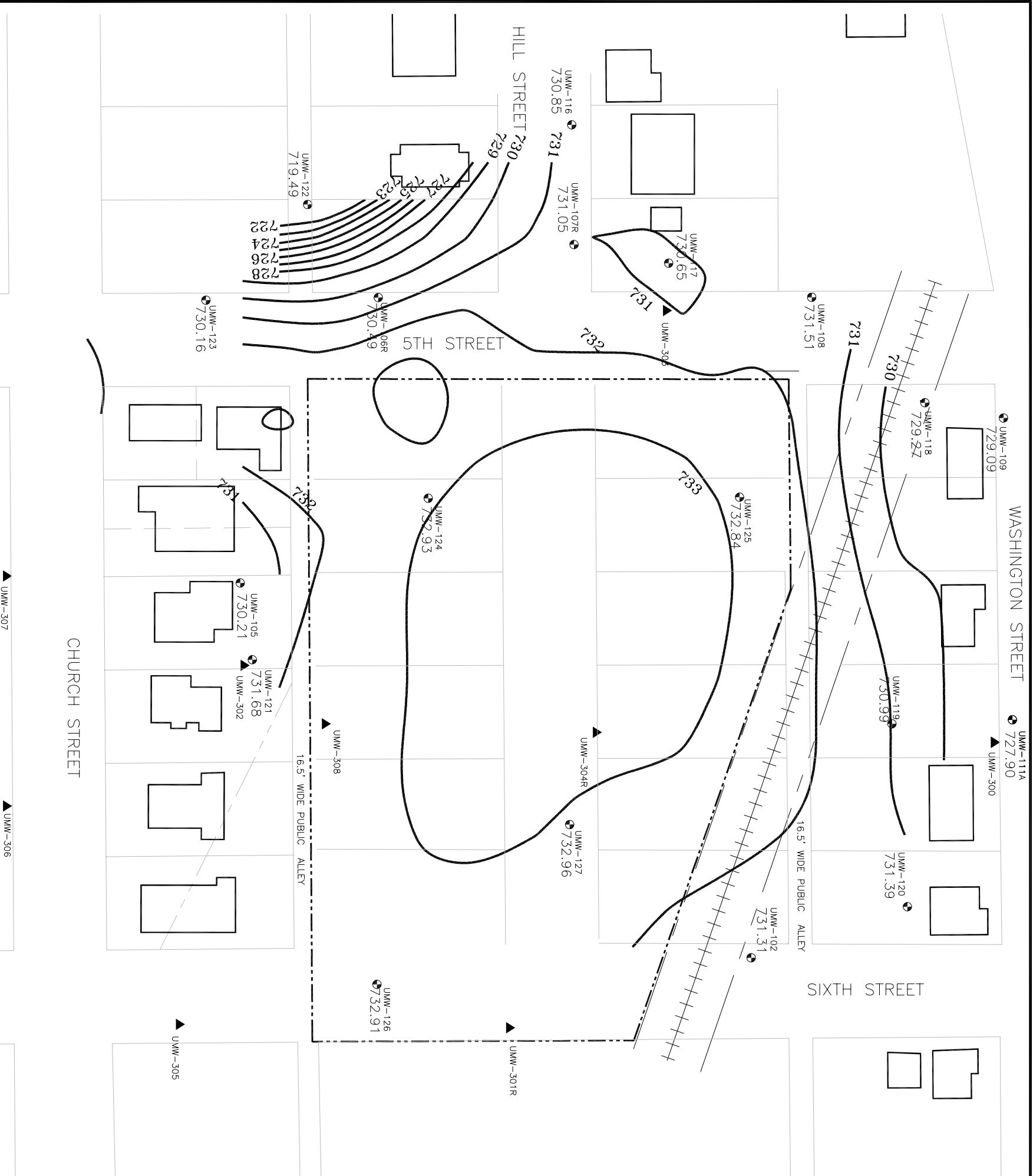
TABLE 1
 Groundwater Measurement Data
 December 2016 Groundwater Monitoring Report
 Ameren Illinois
 Champaign FMGP Site
 Champaign, Illinois

Monitoring Well Number	Total Depth (feet)	Monitored Interval (feet BLS)	Elevation (feet NGVD)		December 2016		
			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	6.01	731.31	12.0
UMW-105	19.70	9.50 - 19.70	737.33	737.70	7.12	730.21	14.0
UMW-106 R	17.00	7.00 - 17.00	737.18	737.43	6.69	730.49	14.0
UMW-107 R	19.70	9.50 - 19.70	737.29	737.30	6.24	731.05	18.0
UMW-108	15.00	4.80 - 15.00	736.86	737.10	5.35	731.51	10.0
UMW-109	20.00	10.00 - 20.00	735.11	735.50	6.02	729.09	10.0
UMW-111A	22.80	9.00 - 22.80	736.71	737.00	8.81	727.90	10.0
UMW-116	20.00	10.00 - 20.00	736.23	736.50	5.38	730.85	12.0
UMW-117	15.00	5.00 - 15.00	737.53	737.81	6.88	730.65	12.0
UMW-118	15.00	5.00 - 15.00	736.20	736.43	6.93	729.27	12.0
UMW-119	15.00	5.00 - 15.00	736.80	737.09	5.81	730.99	14.0
UMW-120	15.00	5.00 - 15.00	737.02	737.53	5.63	731.39	12.0
UMW-121	15.00	5.00 - 15.00	738.46	738.80	6.78	731.68	14.0
UMW-122	19.75	5.00 - 15.00	739.15	739.44	19.66	719.49	--
UMW-123	15.89	5.89 - 15.89	737.24	737.53	7.08	730.16	10.0
UMW-124	15.27	4.97 - 15.02	737.10	737.28	4.17	732.93	10.0
UMW-125	15.33	5.06 - 15.11	737.92	738.05	5.08	732.84	12.0
UMW-126	15.40	5.13 - 15.18	736.38	736.55	3.47	732.91	11.0
UMW-127	15.38	5.11 - 15.16	735.93	736.14	2.97	732.96	10.0
UMW-300	45.00	35.00 - 45.00	736.57	736.79	27.00	709.57	18.0
UMW-301R	46.65	36.50 - 46.05	736.11	736.20	27.11	709.00	15.0
UMW-302	45.00	35.00 - 45.00	738.58	738.88	29.95	708.63	21.0
UMW-303	45.00	35.00 - 45.00	737.05	737.38	27.28	709.77	21.0
UMW-304R	46.16	36.01 - 45.56	736.48	736.72	27.38	709.10	18.0
UMW-305	45.00	35.00 - 45.00	737.51	737.74	28.67	708.84	21.0
UMW-306	47.00	37.00 - 47.00	736.90	737.18	28.95	707.95	18.0
UMW-307	47.00	37.00 - 47.00	736.92	737.19	28.23	708.69	12.0
UMW-308	45.29	35.14 - 44.69	737.21	737.39	28.29	708.92	21.0

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

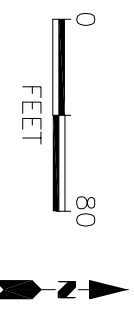




- LEGEND**
- EXISTING STRUCTURES (APPROXIMATE)
 - - - AMEREN ILLINOIS PROPERTY (FORMER MGP SITE)
 - UMW-100 SHALLOW GROUNDWATER MONITORING WELLS
 - ▲ UMW-300 INTERMEDIATE GROUNDWATER MONITORING WELLS
 - 733— GROUNDWATER CONTOUR (FEET)

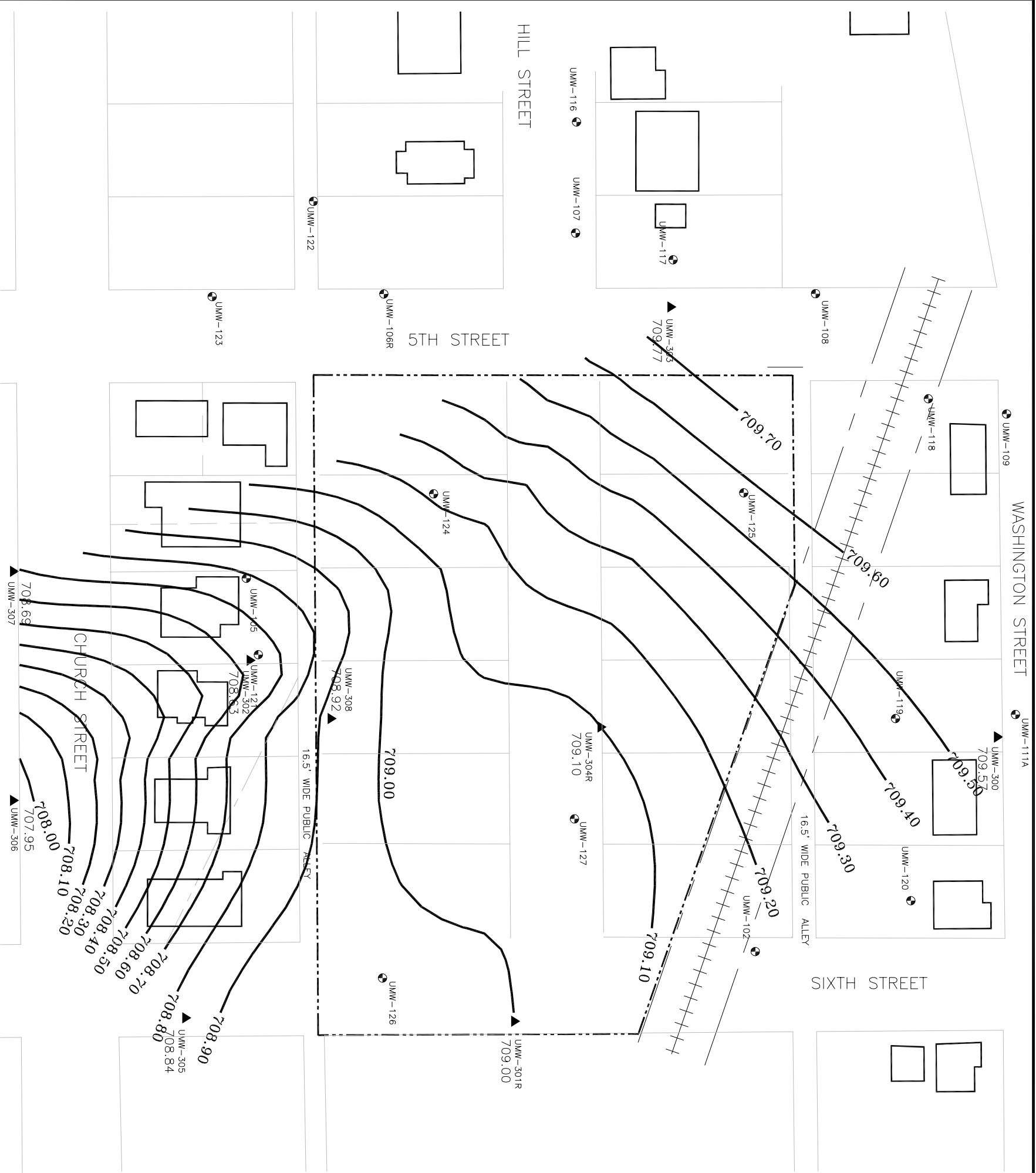
SOURCE:

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
DECEMBER 2016
CHAMPAIGN, ILLINOIS

DWN:	TMM	DES:	Project No: 62412010008
CHKD:		APPD:	AMEREN ILLINOIS CHAMPAIGN, ILLINOIS
DATE:	1/14/17	REV:	FIGURE 1

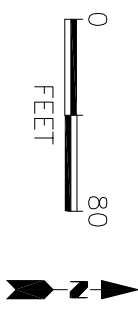


LEGEND

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

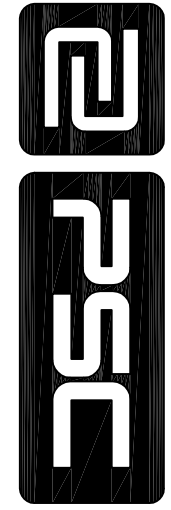
SOURCE:

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



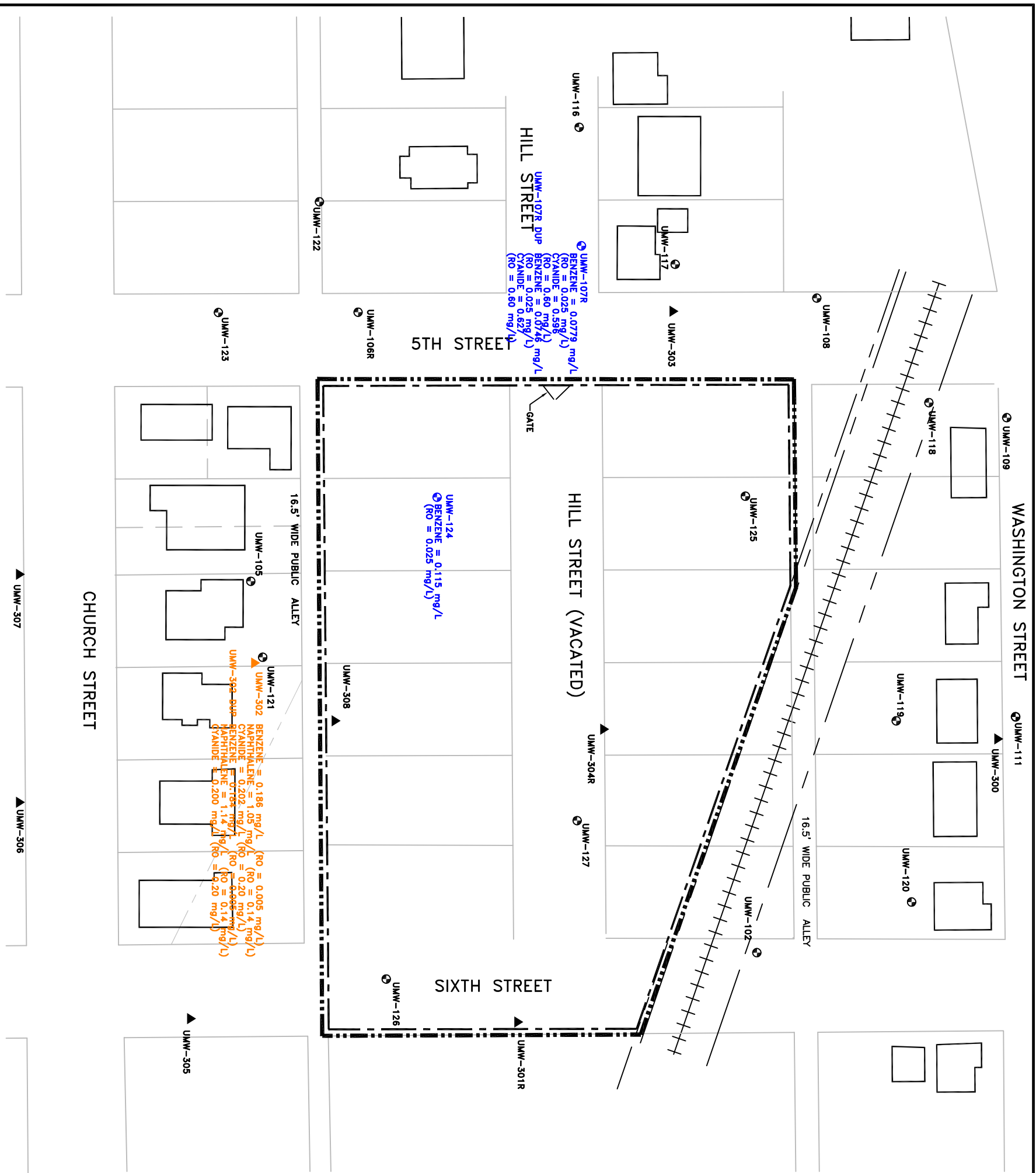
TITLE:
 INTERMEDIATE GROUNDWATER LEVEL CONTOUR MAP
 DECEMBER 2016
 CHAMPAIGN, ILLINOIS

DWN:	TMM	DES:	Project No: 62412010008
CHKD:		APPD:	AMEREN ILLINOIS CHAMPAIGN, ILLINOIS
DATE:	1/10/17	REV:	FIGURE 2



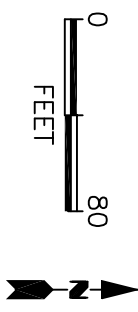
TITLE:
**EXCEEDANCES OF CLASS I AND CLASS II GROUNDWATER STANDARDS
 DECEMBER 2016 SAMPLING EVENT
 CHAMPAIGN, ILLINOIS**

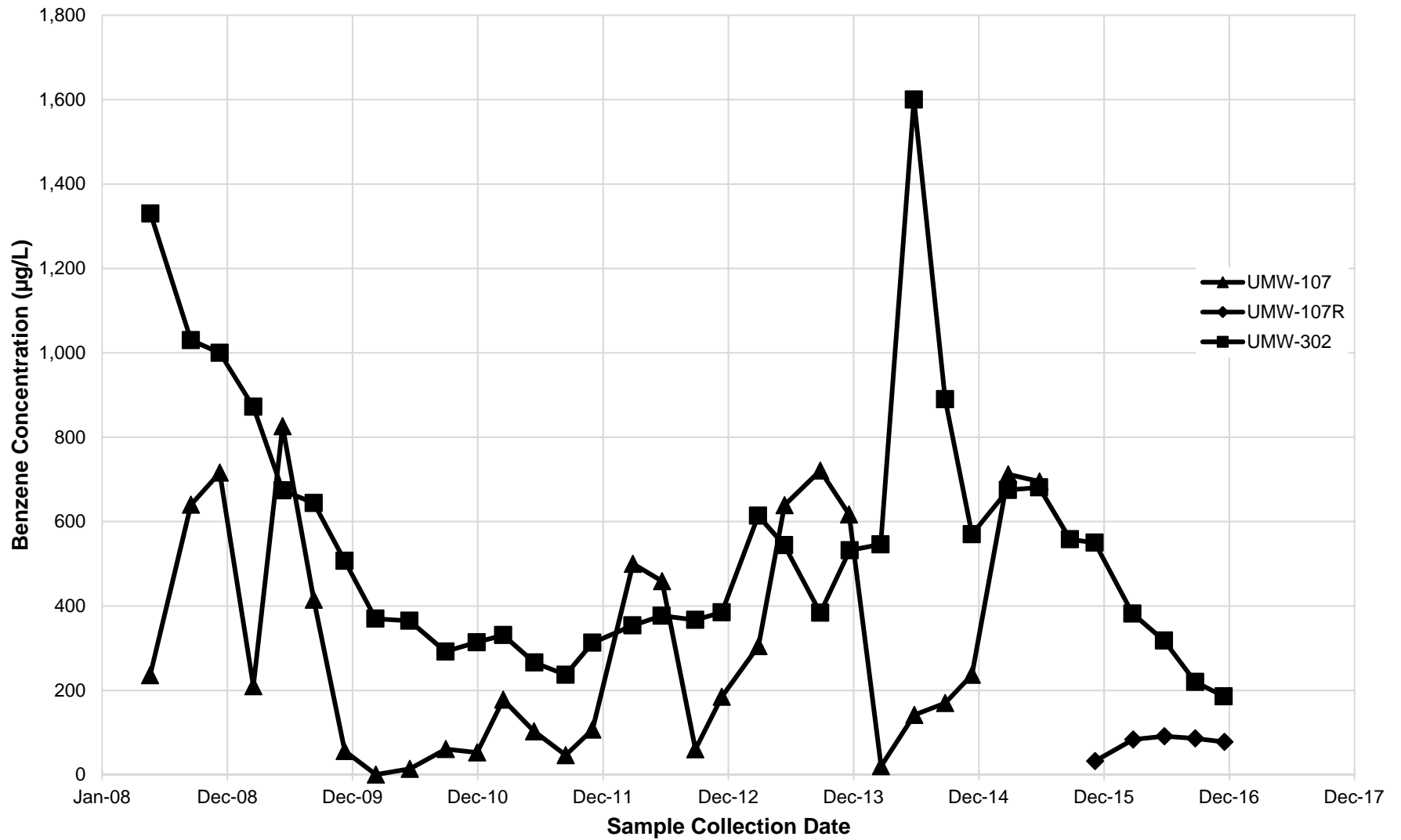
DWN:	TMM	DES:	LH	PROJECT NO: 62412010008 AMEREN ILLINOIS CHAMPAIGN, ILLINOIS FIGURE 3
CHKD:	KD	APPD:		
DATE:	1/10/17	REV:		



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

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

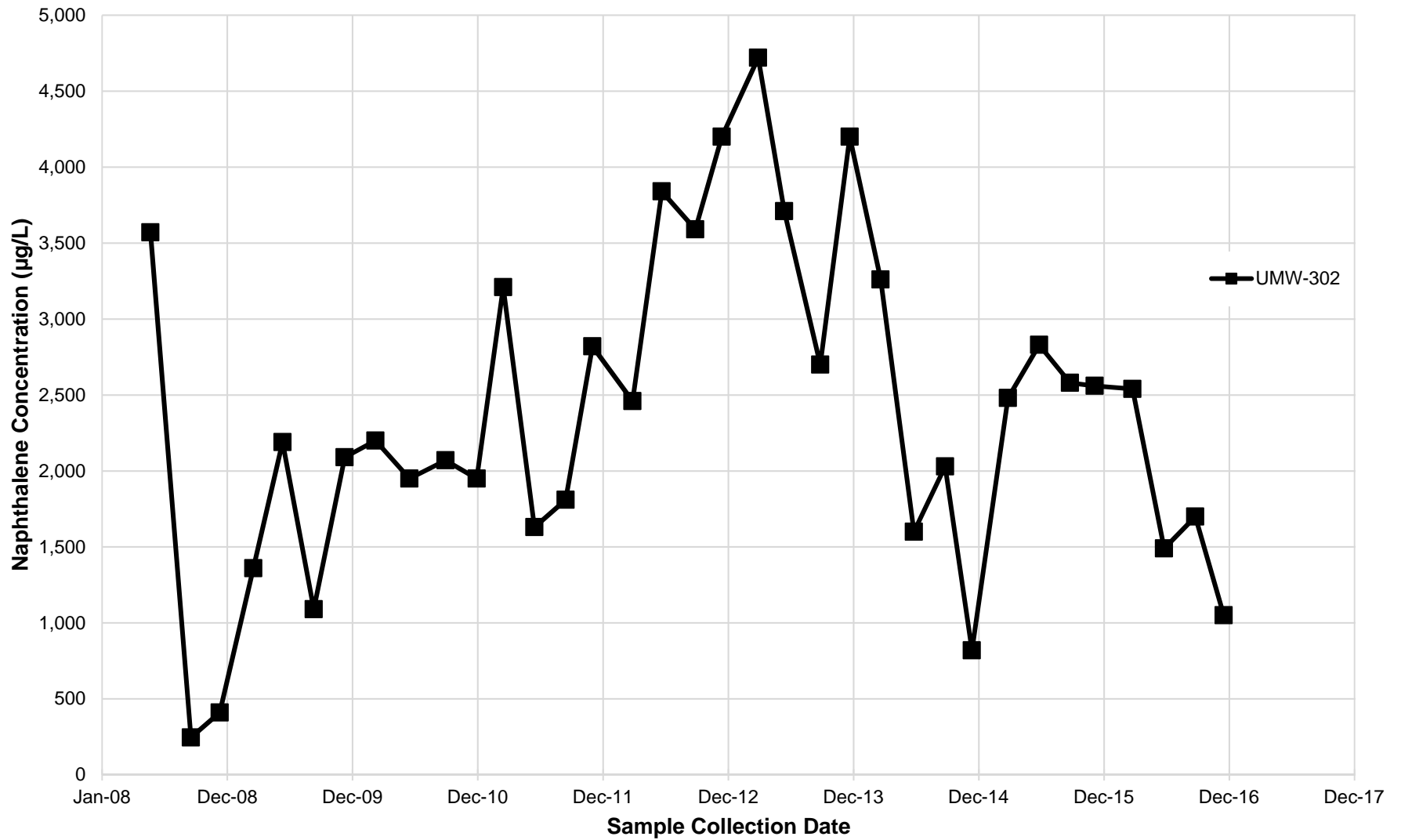




**Benzene Concentration Trends in Wells
Exceeding Groundwater Standards
Through December 2016**

Project No. 62412010008
Ameren Illinois
Champaign, Illinois

Figure 4



**Naphthalene Concentration Trends in
Wells Exceeding Groundwater Standards
Through December 2016**

Project No. 62412010008
Ameren Illinois
Champaign, Illinois

Figure 5

ATTACHMENT 2

Groundwater Data from March 2015 through December 2016

Champaign Former MGP
Analysis Results by Parameter
March 2015 Through December 2016

Well ID	Date Sampled	Acenaphthene (µg/L)	Acenaphthylene (µg/L)	Anthracene (µg/L)	Benzene (µg/L)	Benzo(a)anthracene (µg/L)
UMW-102	3/25/2015	<0.1	<0.1	<0.1	<2	<0.1
	6/23/2015	<0.1	<0.1	<0.1	<2	<0.1
	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
UMW-105	3/25/2015	<0.1	<0.1	<0.1	<2	<0.1
	6/24/2015	<0.1	<0.1	<0.1	<2	<0.1
	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
UMW-106R	3/24/2015	<0.1	<0.1	<0.1	<2	<0.1
	6/23/2015	<0.1	<0.1	<0.1	<2	<0.1
	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
UMW-107	3/26/2015	<0.1	0.13	0.13	712	<0.1
	6/25/2015	<0.1	0.14	0.12	695	<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
UMW-108	3/24/2015	<0.1	<0.1	<0.1	<2	<0.1
	6/24/2015	<0.1	<0.1	<0.1	<2	<0.1
	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

Champaign Former MGP
Analysis Results by Parameter
 March 2015 Through December 2016

Well ID	Date Sampled	Acenaphthene (µg/L)	Acenaphthylene (µg/L)	Anthracene (µg/L)	Benzene (µg/L)	Benzo(a)anthracene (µg/L)
UMW-109	3/24/2015	<0.1	<0.1	<0.1	<2	<0.1
	6/23/2015	<0.1	<0.1	<0.1	<2	<0.1
	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
UMW-111A	3/25/2015	<0.1	<0.1	<0.1	<2	<0.1
	6/23/2015	<0.1	<0.1	<0.1	<2	<0.1
	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
UMW-116	3/26/2015	<0.1	<0.1	<0.1	<2	<0.1
	6/25/2015	<0.1	<0.1	<0.1	<2	<0.1
	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
UMW-117	3/25/2015	<0.1	<0.1	<0.1	<2	<0.1
	6/24/2015	<0.1	<0.1	<0.1	<2	<0.1
	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
UMW-118	3/24/2015	<0.1	<0.1	<0.1	<2	<0.1
	6/24/2015	<0.1	<0.1	<0.1	<2	<0.1
	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

Champaign Former MGP
Analysis Results by Parameter
 March 2015 Through December 2016

Well ID	Date Sampled	Acenaphthene (µg/L)	Acenaphthylene (µg/L)	Anthracene (µg/L)	Benzene (µg/L)	Benzo(a)anthracene (µg/L)
UMW-119	3/24/2015	<0.1	<0.1	<0.1	<2	<0.1
	6/23/2015	<0.21	<0.21	<0.21	<2	<0.21
	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
UMW-120	3/25/2015	<0.1	<0.1	<0.1	<2	<0.1
	6/23/2015	<0.1	<0.1	<0.1	<2	<0.1
	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	
UMW-121	3/25/2015	<0.1	<0.1	<0.1	<2	<0.1
	6/24/2015	<0.1	<0.1	<0.1	<2	<0.1
	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	
UMW-122	3/26/2015	<0.1	<0.1	<0.1	<2	<0.1
	6/25/2015	<0.1	<0.1	<0.1	<2	<0.1
	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
UMW-123	6/23/2016	<0.1	<0.1	<0.1	<2	<0.1
	3/24/2015	<0.1	<0.1	<0.1	<2	<0.1
	6/23/2015	<0.1	<0.1	<0.1	<2	<0.1
	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	

Champaign Former MGP
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Well ID	Date Sampled	Acenaphthene (µg/L)	Acenaphthylene (µg/L)	Anthracene (µg/L)	Benzene (µg/L)	Benzo(a)anthracene (µg/L)
UMW-124	3/23/2015	0.76	0.48	<0.1	214	<0.1
	6/24/2015	0.58	0.5	<0.1	200	<0.1
	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
UMW-125	3/23/2015	<0.1	<0.1	<0.1	11.8	<0.1
	6/24/2015	<0.1	<0.1	<0.1	18.6	<0.1
	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
UMW-126	3/23/2015	<0.1	<0.1	<0.1	101	<0.1
	6/24/2015	<0.1	<0.1	<0.1	129	<0.1
	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
UMW-127	3/23/2015	0.18	3.55	<0.1	3.2	<0.1
	6/24/2015	0.18	2.48	<0.1	4.2	<0.1
	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
UMW-300	3/25/2015	<0.1	<0.1	<0.1	<2	<0.1
	6/23/2015	<0.1	<0.1	<0.1	<2	<0.1
	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

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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	3/24/2015	2.92	3.55	<0.1	<2	<0.1
	6/24/2015	3.02	3.54	<0.1	<2	<0.1
	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
UMW-302	3/25/2015	0.17	0.42	<0.1	675	<0.1
	6/24/2015	0.19	0.49	<0.1	681	<0.1
	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	
UMW-303	3/25/2015	<0.1	<0.1	<0.1	<2	<0.1
	6/24/2015	<0.1	<0.1	<0.1	<2	<0.1
	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
UMW-304R	3/23/2015	0.78	1.79	<0.1	<2	<0.1
	6/24/2015	0.58	1.3	<0.1	<2	<0.1
	9/23/2015	0.68	1.49	<0.1	<2	<0.1
	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
UMW-305	3/24/2015	<0.1	<0.1	<0.1	<2	<0.1
	6/23/2015	<0.1	<0.1	<0.1	<2	<0.1
	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

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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	3/24/2015	<0.1	<0.1	<0.1	<2	<0.1
	6/23/2015	<0.1	<0.1	<0.1	<2	<0.1
	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
UMW-307	3/24/2015	<0.1	<0.1	<0.1	<2	<0.1
	6/23/2015	<0.1	<0.1	<0.1	<2	<0.1
	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
UMW-308	3/23/2015	<0.1	<0.1	<0.1	<2	<0.1
	6/24/2015	<0.1	<0.1	<0.1	<2	<0.1
	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

Champaign Former MGP
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Well ID	Date Sampled	Cyanide, total (mg/L)	Benzo(a) pyrene (µg/L)	Benzo(b) fluoranthene (µg/L)	Benzo(g,h,i) perylene (µg/L)	Benzo(k) fluoranthene (µg/L)	Chrysene (µg/L)
UMW-102	3/25/2015	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	6/23/2015	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	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
UMW-105	3/25/2015	0.066	<0.1	<0.1	<0.1	<0.1	<0.1
	6/24/2015	0.072	<0.1	<0.1	<0.1	<0.1	<0.1
	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	
UMW-106R	3/24/2015	0.028	<0.1	<0.1	<0.1	<0.1	<0.1
	6/23/2015	0.033	<0.1	<0.1	<0.1	<0.1	<0.1
	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	
UMW-107	3/26/2015	0.822	<0.1	<0.1	<0.1	<0.1	<0.1
	6/25/2015	0.79	<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
UMW-108	3/24/2015	0.031	<0.1	<0.1	<0.1	<0.1	<0.1
	6/24/2015	0.025	<0.1	<0.1	<0.1	<0.1	<0.1
	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	

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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	3/24/2015	0.042	<0.1	<0.1	<0.1	<0.1	<0.1
	6/23/2015	0.043	<0.1	<0.1	<0.1	<0.1	<0.1
	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
UMW-111A	3/25/2015	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	6/23/2015	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	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
UMW-116	3/26/2015	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	6/25/2015	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	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
UMW-117	3/25/2015	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	6/24/2015	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	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
UMW-118	3/24/2015	0.039	<0.1	<0.1	<0.1	<0.1	<0.1
	6/24/2015	0.034	<0.1	<0.1	<0.1	<0.1	<0.1
	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

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UMW-119	3/24/2015	0.038	<0.1	<0.1	<0.1	<0.1	<0.1
	6/23/2015	0.044	<0.21	<0.21	<0.21	<0.21	<0.21
	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
UMW-120	3/25/2015	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	6/23/2015	<0.008	<0.1	<0.1	<0.1	<0.1	<0.1
	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	
UMW-121	3/25/2015	0.262	<0.1	<0.1	<0.1	<0.1	<0.1
	6/24/2015	0.245	<0.1	<0.1	<0.1	<0.1	<0.1
	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
UMW-122	3/26/2015	0.053	<0.1	<0.1	<0.1	<0.1	<0.1
	6/25/2015	0.044	<0.1	<0.1	<0.1	<0.1	<0.1
	9/23/2015	0.041					
	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	3/24/2015	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	6/23/2015	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	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

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-124	3/23/2015	0.03	<0.1	<0.1	<0.1	<0.1	<0.1
	6/24/2015	0.015	<0.1	<0.1	<0.1	<0.1	<0.1
	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
UMW-125	3/23/2015	0.022	<0.1	<0.1	<0.1	<0.1	<0.1
	6/24/2015	0.023	<0.1	<0.1	<0.1	<0.1	<0.1
	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	
UMW-126	3/23/2015	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	6/24/2015	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	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
UMW-127	3/23/2015	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	6/24/2015	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	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
UMW-300	3/25/2015	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	6/23/2015	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	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

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-301R	3/24/2015	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	6/24/2015	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	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
UMW-302	3/25/2015	0.148	<0.1	<0.1	<0.1	<0.1	<0.1
	6/24/2015	0.144	<0.1	<0.1	<0.1	<0.1	<0.1
	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	
UMW-303	3/25/2015	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	6/24/2015	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	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
UMW-304R	3/23/2015	0.006	<0.1	<0.1	<0.1	<0.1	<0.1
	6/24/2015	<0.007	<0.1	<0.1	<0.1	<0.1	<0.1
	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
UMW-305	3/24/2015	0.017	<0.1	<0.1	<0.1	<0.1	<0.1
	6/23/2015	0.017	<0.1	<0.1	<0.1	<0.1	<0.1
	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

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-306	3/24/2015	0.034	<0.1	<0.1	<0.1	<0.1	<0.1
	6/23/2015	0.031	<0.1	<0.1	<0.1	<0.1	<0.1
	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
UMW-307	3/24/2015	0.049	<0.1	<0.1	<0.1	<0.1	<0.1
	6/23/2015	0.045	<0.1	<0.1	<0.1	<0.1	<0.1
	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
UMW-308	3/23/2015	0.023	<0.1	<0.1	<0.1	<0.1	<0.1
	6/24/2015	0.023	<0.1	<0.1	<0.1	<0.1	<0.1
	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

Champaign Former MGP
Analysis Results by Parameter
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Well ID	Date Sampled	Dibenzo(a,h) anthracene (µg/L)	Ethylbenzene (µg/L)	Fluoranthene (µg/L)	Fluorene (µg/L)	Indeno(1,2,3-cd) pyrene (µg/L)
UMW-102	3/25/2015	<0.1	<5	<0.1	<0.1	<0.1
	6/23/2015	<0.1	<5	<0.1	<0.1	<0.1
	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
UMW-105	3/25/2015	<0.1	<5	<0.1	<0.1	<0.1
	6/24/2015	<0.1	<5	<0.1	<0.1	<0.1
	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
UMW-106R	3/24/2015	<0.1	<5	<0.1	<0.1	<0.1
	6/23/2015	<0.1	<5	<0.1	<0.1	<0.1
	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
UMW-107	3/26/2015	<0.1	18	<0.1	<0.1	<0.1
	6/25/2015	<0.1	16	<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
UMW-108	3/24/2015	<0.1	<5	<0.1	<0.1	<0.1
	6/24/2015	<0.1	<5	<0.1	<0.1	<0.1
	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

Champaign Former MGP
Analysis Results by Parameter
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Well ID	Date Sampled	Dibenzo(a,h) anthracene (µg/L)	Ethylbenzene (µg/L)	Fluoranthene (µg/L)	Fluorene (µg/L)	Indeno(1,2,3-cd) pyrene (µg/L)
UMW-109	3/24/2015	<0.1	<5	<0.1	<0.1	<0.1
	6/23/2015	<0.1	<5	<0.1	<0.1	<0.1
	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
UMW-111A	3/25/2015	<0.1	<5	<0.1	<0.1	<0.1
	6/23/2015	<0.1	<5	<0.1	<0.1	<0.1
	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
UMW-116	3/26/2015	<0.1	<5	<0.1	<0.1	<0.1
	6/25/2015	<0.1	<5	<0.1	<0.1	<0.1
	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
UMW-117	3/25/2015	<0.1	<5	<0.1	<0.1	<0.1
	6/24/2015	<0.1	<5	<0.1	<0.1	<0.1
	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
UMW-118	3/24/2015	<0.1	<5	<0.1	<0.1	<0.1
	6/24/2015	<0.1	<5	<0.1	<0.1	<0.1
	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

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Analysis Results by Parameter
March 2015 Through December 2016

Well ID	Date Sampled	Dibenzo(a,h) anthracene (µg/L)	Ethylbenzene (µg/L)	Fluoranthene (µg/L)	Fluorene (µg/L)	Indeno(1,2,3-cd) pyrene (µg/L)
UMW-119	3/24/2015	<0.1	<5	<0.1	<0.1	<0.1
	6/23/2015	<0.21	<5	<0.21	<0.21	<0.21
	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
UMW-120	3/25/2015	<0.1	<5	<0.1	<0.1	<0.1
	6/23/2015	<0.1	<5	<0.1	<0.1	<0.1
	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	
UMW-121	3/25/2015	<0.1	<5	<0.1	<0.1	<0.1
	6/24/2015	<0.1	<5	<0.1	<0.1	<0.1
	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
UMW-122	3/26/2015	<0.1	<5	<0.1	<0.1	<0.1
	6/25/2015	<0.1	<5	<0.1	<0.1	<0.1
	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
UMW-123	6/23/2016	<0.1	<5	<0.1	<0.1	<0.1
	3/24/2015	<0.1	<5	<0.1	<0.1	<0.1
	6/23/2015	<0.1	<5	<0.1	<0.1	<0.1
	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	

Champaign Former MGP
Analysis Results by Parameter
 March 2015 Through December 2016

Well ID	Date Sampled	Dibenzo(a,h) anthracene (µg/L)	Ethylbenzene (µg/L)	Fluoranthene (µg/L)	Fluorene (µg/L)	Indeno(1,2,3-cd) pyrene (µg/L)
UMW-124	3/23/2015	<0.1	19	<0.1	0.24	<0.1
	6/24/2015	<0.1	20	<0.1	0.24	<0.1
	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
UMW-125	3/23/2015	<0.1	<5	<0.1	<0.1	<0.1
	6/24/2015	<0.1	<5	<0.1	<0.1	<0.1
	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
UMW-126	3/23/2015	<0.1	<5	<0.1	<0.1	<0.1
	6/24/2015	<0.1	<5	<0.1	<0.1	<0.1
	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
UMW-127	3/23/2015	<0.1	<5	<0.1	0.15	<0.1
	6/24/2015	<0.1	<5	<0.1	0.17	<0.1
	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
UMW-300	3/25/2015	<0.1	<5	<0.1	<0.1	<0.1
	6/23/2015	<0.1	<5	<0.1	<0.1	<0.1
	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

Champaign Former MGP
Analysis Results by Parameter
March 2015 Through December 2016

Well ID	Date Sampled	Dibenzo(a,h) anthracene (µg/L)	Ethylbenzene (µg/L)	Fluoranthene (µg/L)	Fluorene (µg/L)	Indeno(1,2,3-cd) pyrene (µg/L)
UMW-301R	3/24/2015	<0.1	<5	<0.1	0.14	<0.1
	6/24/2015	<0.1	<5	<0.1	0.16	<0.1
	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
UMW-302	3/25/2015	<0.1	639	<0.1	<0.1	<0.1
	6/24/2015	<0.1	649	<0.1	<0.1	<0.1
	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	
UMW-303	3/25/2015	<0.1	<5	<0.1	<0.1	<0.1
	6/24/2015	<0.1	<5	<0.1	<0.1	<0.1
	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
UMW-304R	12/15/2016	<0.1	<5	<0.1	<0.1	<0.1
	3/23/2015	<0.1	<5	<0.1	<0.1	<0.1
	6/24/2015	<0.1	<5	<0.1	<0.1	<0.1
	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	
UMW-305	3/24/2015	<0.1	<5	<0.1	<0.1	<0.1
	6/23/2015	<0.1	<5	<0.1	<0.1	<0.1
	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

Champaign Former MGP
Analysis Results by Parameter
 March 2015 Through December 2016

Well ID	Date Sampled	Dibenzo(a,h) anthracene (µg/L)	Ethylbenzene (µg/L)	Fluoranthene (µg/L)	Fluorene (µg/L)	Indeno(1,2,3-cd) pyrene (µg/L)
UMW-306	3/24/2015	<0.1	<5	<0.1	<0.1	<0.1
	6/23/2015	<0.1	<5	<0.1	<0.1	<0.1
	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
UMW-307	3/24/2015	<0.1	<5	<0.1	<0.1	<0.1
	6/23/2015	<0.1	<5	<0.1	<0.1	<0.1
	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
UMW-308	3/23/2015	<0.1	<5	<0.1	<0.1	<0.1
	6/24/2015	<0.1	<5	<0.1	<0.1	<0.1
	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

Champaign Former MGP
Analysis Results by Parameter
March 2015 Through December 2016

Well ID	Date Sampled	Naphthalene (µg/L)	Phenanthrene (µg/L)	Pyrene (µg/L)	Toluene (µg/L)	Xylene, total (µg/L)
UMW-102	3/25/2015	<0.1	<0.1	<0.1	<5	<5
	6/23/2015	<0.1	<0.1	<0.1	<5	<5
	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
UMW-105	3/25/2015	<0.1	<0.1	<0.1	<5	<5
	6/24/2015	<0.1	<0.1	<0.1	<5	<5
	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
UMW-106R	3/24/2015	<0.1	<0.1	<0.1	<5	<5
	6/23/2015	<0.1	<0.1	<0.1	<5	<5
	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
UMW-107	3/26/2015	91	<0.1	<0.1	<50	17
	6/25/2015	118	<0.1	<0.1	<50	16
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
UMW-108	3/24/2015	<0.1	<0.1	<0.1	<5	<5
	6/24/2015	<0.1	<0.1	<0.1	<5	<5
	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

Champaign Former MGP
Analysis Results by Parameter
March 2015 Through December 2016

Well ID	Date Sampled	Naphthalene (µg/L)	Phenanthrene (µg/L)	Pyrene (µg/L)	Toluene (µg/L)	Xylene, total (µg/L)
UMW-109	3/24/2015	<0.1	<0.1	<0.1	<5	<5
	6/23/2015	<0.1	<0.1	<0.1	<5	<5
	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
UMW-111A	3/25/2015	<0.1	<0.1	<0.1	<5	<5
	6/23/2015	<0.1	<0.1	<0.1	<5	<5
	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
UMW-116	3/26/2015	<0.1	<0.1	<0.1	<5	<5
	6/25/2015	<0.1	<0.1	<0.1	<5	<5
	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
UMW-117	3/25/2015	<0.1	<0.1	<0.1	<5	<5
	6/24/2015	<0.1	<0.1	<0.1	<5	<5
	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
UMW-118	3/24/2015	<0.1	<0.1	<0.1	<5	<5
	6/24/2015	<0.1	<0.1	<0.1	<5	<5
	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

Champaign Former MGP
Analysis Results by Parameter
March 2015 Through December 2016

Well ID	Date Sampled	Naphthalene (µg/L)	Phenanthrene (µg/L)	Pyrene (µg/L)	Toluene (µg/L)	Xylene, total (µg/L)
UMW-119	3/24/2015	<0.1	<0.1	<0.1	<5	<5
	6/23/2015	<0.21	<0.21	<0.21	<5	<5
	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
UMW-120	3/25/2015	<0.1	<0.1	<0.1	<5	<5
	6/23/2015	<0.1	<0.1	<0.1	<5	<5
	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	
UMW-121	3/25/2015	<0.1	<0.1	<0.1	<5	<5
	6/24/2015	<0.1	<0.1	<0.1	<5	<5
	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
UMW-122	3/26/2015	<0.1	<0.1	<0.1	<5	<5
	6/25/2015	<0.1	<0.1	<0.1	<5	<5
	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
UMW-123	6/23/2016	<0.1	<0.1	<0.1	<5	<5
	3/24/2015	<0.1	<0.1	<0.1	<5	<5
	6/23/2015	<0.1	<0.1	<0.1	<5	<5
	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	

Champaign Former MGP
Analysis Results by Parameter
March 2015 Through December 2016

Well ID	Date Sampled	Naphthalene (µg/L)	Phenanthrene (µg/L)	Pyrene (µg/L)	Toluene (µg/L)	Xylene, total (µg/L)
UMW-124	3/23/2015	85.1	0.22	<0.1	69.1	50.7
	6/24/2015	74.8	0.22	<0.1	67.5	49
	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
UMW-125	3/23/2015	0.64	<0.1	<0.1	<5	<5
	6/24/2015	0.94	0.11	<0.1	1.6	1.4
	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	
UMW-126	3/23/2015	0.11	<0.1	<0.1	5.1	<5
	6/24/2015	0.13	<0.1	<0.1	8.5	1
	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
UMW-127	3/23/2015	1.64	0.28	<0.1	<5	<5
	6/24/2015	1.35	0.33	<0.1	<5	<5
	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
UMW-300	3/25/2015	<0.1	<0.1	<0.1	<5	<5
	6/23/2015	<0.1	<0.1	<0.1	<5	<5
	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

Champaign Former MGP
Analysis Results by Parameter
March 2015 Through December 2016

Well ID	Date Sampled	Naphthalene (µg/L)	Phenanthrene (µg/L)	Pyrene (µg/L)	Toluene (µg/L)	Xylene, total (µg/L)
UMW-301R	3/24/2015	0.35	<0.1	<0.1	<5	<5
	6/24/2015	<0.1	<0.1	<0.1	<5	<5
	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
UMW-302	3/25/2015	2,480	<0.1	<0.1	<50	176
	6/24/2015	2,830	<0.1	<0.1	<50	195
	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	
UMW-303	3/25/2015	0.23	<0.1	<0.1	<5	<5
	6/24/2015	<0.1	<0.1	<0.1	<5	<5
	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
UMW-304R	3/23/2015	<0.1	<0.1	<0.1	<5	<5
	6/24/2015	<0.1	<0.1	<0.1	<5	<5
	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
UMW-305	3/24/2015	<0.1	<0.1	<0.1	<5	<5
	6/23/2015	0.26	<0.1	<0.1	<5	<5
	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

Champaign Former MGP
Analysis Results by Parameter
March 2015 Through December 2016

Well ID	Date Sampled	Naphthalene (µg/L)	Phenanthrene (µg/L)	Pyrene (µg/L)	Toluene (µg/L)	Xylene, total (µg/L)
UMW-306	3/24/2015	<0.1	<0.1	<0.1	<5	<5
	6/23/2015	<0.1	<0.1	<0.1	<5	<5
	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
UMW-307	3/24/2015	<0.1	<0.1	<0.1	<5	<5
	6/23/2015	<0.1	<0.1	<0.1	<5	<5
	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
UMW-308	3/23/2015	<0.1	<0.1	<0.1	<5	<5
	6/24/2015	<0.1	<0.1	<0.1	<5	<5
	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

ATTACHMENT 3

Table 2 – Groundwater Sample Analytical Results December 2016
Laboratory Analytical Report and
Chain-of-Custodies

TABLE 2
Groundwater Sample Analytical Results
December 2016
Champaign Former MGP Site
Champaign, Illinois

CONSTITUENT (mg/L)	Class I Standard	Class II Standard	Units	UMW-102 12/15/2016	UMW-105 12/13/2016	UMW-106R 12/14/2016	UMW-107R 12/15/2016	UMW-907 ⁽²⁾ 12/16/2016	UMW-108 12/15/2016	UMW-109 12/15/2016	UMW-111A 12/14/2016	UMW-116 12/15/2016	UMW-117 12/15/2016	UMW-118 12/15/2016
Benzene	0.005	0.025	mg/L	< 0.002	< 0.002	< 0.002	0.0779	0.0746	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Ethylbenzene	0.70	1.00	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Toluene	1.0	2.5	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Xylene (total)	10.0	10.0	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Acenaphthene	0.42	2.10	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	0.21 ⁽¹⁾	1.05 ⁽¹⁾	mg/L	< 0.0001	< 0.0001	< 0.0001	0.0001	0.00011	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00016
Anthracene	2.1	10.5	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	0.00013	0.00065	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00021
Benzo(a)pyrene	0.0002	0.0020	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00035
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	0.00035
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	0.0002
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	0.00011
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	0.00012
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	0.00018
Fluorene	0.28	1.40	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	0.00043	0.00215	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00015
Naphthalene	0.14	0.22	mg/L	< 0.0001	< 0.0001	< 0.0001	0.00015	0.00015	< 0.0001	< 0.0001	< 0.0001	0.00043	< 0.0001	< 0.0001
Phenanthrene	0.21 ⁽¹⁾	1.05 ⁽¹⁾	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Pyrene	0.21	1.05	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00076
Cyanide (total) 9012A	0.20	0.60	mg/L	< 0.005	0.049	0.035	0.596	0.627	0.032	0.044	< 0.005	< 0.005	< 0.005	0.044

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.
- ** Monitoring well UMW-107 damaged, no samples collected.
- ⁽¹⁾ Non-TACO ROs published by the IEPA.
- ⁽²⁾ Duplicate of monitoring well UMW-307.
- ⁽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
- I Associated internal standard was outside method criteria



TABLE 2
Groundwater Sample Analytical Results
December 2016
Champaign Former MGP Site
Champaign, Illinois

CONSTITUENT (mg/L)	Class I Standard	Class II Standard	Units	UMW-119 12/15/2016	UMW-120 12/15/2016	UMW-121 12/13/2016	UMW-122 not sampled	UMW-123 12/15/2016	UMW-124 12/14/2016	UMW-125 12/13/2016	UMW-126 12/14/2016	UMW-127 12/14/2016	UMW-300 12/14/2016	UMW-301 R 12/14/2016
Benzene	0.005	0.025	mg/L	< 0.002	< 0.002	< 0.002	--	< 0.002	0.115	0.0204	0.0178	0.0033	< 0.002	< 0.002
Ethylbenzene	0.70	1.00	mg/L	< 0.005	< 0.005	< 0.005	--	< 0.005	0.011 J	< 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	0.037 J	< 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 J	< 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	0.00039	< 0.0001	< 0.0001	0.00022 I	< 0.0001	0.00216
Acenaphthylene	0.21 ⁽¹⁾	1.05 ⁽¹⁾	mg/L	< 0.0001	< 0.0001	< 0.0001	--	< 0.0001	0.00024	< 0.0001	< 0.0001	0.00081 I	< 0.0001	0.00246
Anthracene	2.1	10.5	mg/L	< 0.0001	< 0.0001	< 0.0001	--	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	0.00013	0.00065	mg/L	< 0.0001	< 0.0001	< 0.0001	--	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	0.0002	0.0020	mg/L	< 0.0001	< 0.0001	< 0.0001	--	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	0.00018	0.00900	mg/L	< 0.0001	< 0.0001	< 0.0001	--	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	0.21 ⁽¹⁾	1.05 ⁽¹⁾	mg/L	< 0.0001	< 0.0001	< 0.0001	--	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(k)fluoranthene	0.00017	0.00085	mg/L	< 0.0001	< 0.0001	< 0.0001	--	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Chrysene	0.0015	0.0075	mg/L	< 0.0001	< 0.0001	< 0.0001	--	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	0.0003	0.0015	mg/L	< 0.0001	< 0.0001	< 0.0001	--	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Fluoranthene	0.28	1.40	mg/L	< 0.0001	< 0.0001	< 0.0001	--	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Fluorene	0.28	1.40	mg/L	< 0.0001	< 0.0001	< 0.0001	--	< 0.0001	0.00018	< 0.0001	< 0.0001	0.0002 I	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	0.00043	0.00215	mg/L	< 0.0001	< 0.0001	< 0.0001	--	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Naphthalene	0.14	0.22	mg/L	< 0.0001	< 0.0001	< 0.0001	--	< 0.0001	0.0273	0.00058	< 0.0001	0.00172	< 0.0001	< 0.0001
Phenanthrene	0.21 ⁽¹⁾	1.05 ⁽¹⁾	mg/L	< 0.0001	< 0.0001	< 0.0001	--	< 0.0001	0.00012	< 0.0001	< 0.0001	0.00027	< 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	0.164	--	< 0.005	0.013	0.062	< 0.005	< 0.005	< 0.005	< 0.005

Notes:

- * Shallow groundwater (UMW-100 series wells) is defined as Class II groundwater. Intermediate groundwater (UMW-300 series wells) is defined as Class I groundwater.
- ** Monitoring well UMW-107 damaged, no samples collected.
- ⁽¹⁾ Non-TACO ROs published by the IEPA.
- ⁽²⁾ Duplicate of monitoring well UMW-307.
- ⁽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
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TABLE 2
Groundwater Sample Analytical Results
December 2016
Champaign Former MGP Site
Champaign, Illinois

CONSTITUENT (mg/L)	Class I Standard	Class II Standard	Units	UMW-302 12/13/2016	UMW-902 ⁽³⁾ 12/15/2016	UMW-303 12/15/2016	UMW-304R 12/13/2016	UMW-305 12/14/2016	UMW-306 12/14/2016	UMW-307 12/14/2016	UMW-308 12/14/2016
Benzene	0.005	0.025	mg/L	0.186	0.184	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Ethylbenzene	0.70	1.00	mg/L	0.603	0.533	< 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	0.116	0.106	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Acenaphthene	0.42	2.10	mg/L	0.0001 I	0.00015	< 0.0001	0.00059	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H
Acenaphthylene	0.21 ⁽¹⁾	1.05 ⁽¹⁾	mg/L	0.00021 I	0.00035	< 0.0001	0.00116	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H
Anthracene	2.1	10.5	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H
Benzo(a)anthracene	0.00013	0.00065	mg/L	< 0.0001	< 0.0001	< 0.0001	0.00006 J	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H
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 H
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 H
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 H
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 H
Chrysene	0.0015	0.0075	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H
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 H
Fluoranthene	0.28	1.40	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H
Fluorene	0.28	1.40	mg/L	< 0.0001 I	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H
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 H
Naphthalene	0.14	0.22	mg/L	1.05	1.14	< 0.0001	0.00021	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H
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 H
Pyrene	0.21	1.05	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001 H
Cyanide (total) 9012A	0.20	0.60	mg/L	0.202	0.200	< 0.005	< 0.005	0.010	0.038	0.018	0.022

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.
- ** Monitoring well UMW-107 damaged, no samples collected.
- ⁽¹⁾ Non-TACO ROs published by the IEPA.
- ⁽²⁾ Duplicate of monitoring well UMW-307.
- ⁽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
- I Associated internal standard was outside method criteria



December 27, 2016

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



RE: Champaign FMGP Q4 2016 Groundwater

WorkOrder: 16121169

Dear Brandon Teel:

TEKLAB, INC received 30 samples on 12/16/2016 5:11:00 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,



Shelly A. Hennessy
Project Manager
(618)344-1004 ex 36
SHennessy@teklabinc.com



Report Contents

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

Client: PSC Industrial Outsourcing, LP

Work Order: 16121169

Client Project: Champaign FMGP Q4 2016 Groundwater

Report Date: 27-Dec-16

This reporting package includes the following:

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Report Contents	2
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Sample Summary	35
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Quality Control Results	42
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Chain of Custody	Appended

Client: PSC Industrial Outsourcing, LP

Work Order: 16121169

Client Project: Champaign FMGP Q4 2016 Groundwater

Report Date: 27-Dec-16

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: 16121169

Client Project: Champaign FMGP Q4 2016 Groundwater

Report Date: 27-Dec-16

Cooler Receipt Temp: 1.42 °C

Locations and Accreditations

	Collinsville	Springfield	Kansas City	Collinsville Air
Address	5445 Horseshoe Lake Road Collinsville, IL 62234-7425	3920 Pintail Dr Springfield, IL 62711-9415	8421 Nieman Road Lenexa, KS 66214	5445 Horseshoe Lake Road Collinsville, IL 62234-7425
Phone	(618) 344-1004	(217) 698-1004	(913) 541-1998	(618) 344-1004
Fax	(618) 344-1005	(217) 698-1005	(913) 541-1998	(618) 344-1005
Email	jhriley@teklabinc.com	KKlostermann@teklabinc.com	Ryoungstrom@teklabinc.com	EHurley@teklabinc.com

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2017	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2017	Collinsville
Louisiana	LDEQ	166493	NELAP	6/30/2017	Collinsville
Louisiana	LDEQ	166578	NELAP	6/30/2017	Collinsville
Texas	TCEQ	T104704515-12-1	NELAP	7/31/2017	Collinsville
Arkansas	ADEQ	88-0966		3/14/2017	Collinsville
Illinois	IDPH	17584		5/31/2017	Collinsville
Kentucky	KDEP	98006		12/31/2016	Collinsville
Kentucky	UST	0073		1/31/2017	Collinsville
Missouri	MDNR	00930		5/31/2017	Collinsville
Missouri	MDNR	930		1/31/2017	Collinsville
Oklahoma	ODEQ	9978		8/31/2017	Collinsville



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 16121169

Client Project: Champaign FMGP Q4 2016 Groundwater

Report Date: 27-Dec-16

Lab ID: 16121169-001

Client Sample ID: UMW-102

Matrix: GROUNDWATER

Collection Date: 12/15/2016 9:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		< 0.005	mg/L	1	12/21/2016 15:05	125551
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	12/21/2016 19:24	125494
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	12/21/2016 19:24	125494
Anthracene	NELAP	0.00010		ND	mg/L	1	12/21/2016 19:24	125494
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/21/2016 19:24	125494
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/21/2016 19:24	125494
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/21/2016 19:24	125494
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/21/2016 19:24	125494
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/21/2016 19:24	125494
Chrysene	NELAP	0.00010		ND	mg/L	1	12/21/2016 19:24	125494
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/21/2016 19:24	125494
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/21/2016 19:24	125494
Fluorene	NELAP	0.00010		ND	mg/L	1	12/21/2016 19:24	125494
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/21/2016 19:24	125494
Naphthalene	NELAP	0.00010		ND	mg/L	1	12/21/2016 19:24	125494
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/21/2016 19:24	125494
Pyrene	NELAP	0.00010		ND	mg/L	1	12/21/2016 19:24	125494
Surr: 2-Fluorobiphenyl		31.4-90.2		51.3	%REC	1	12/21/2016 19:24	125494
Surr: Nitrobenzene-d5		29.2-88.6		52.9	%REC	1	12/21/2016 19:24	125494
Surr: p-Terphenyl-d14		15.1-107		52.7	%REC	1	12/21/2016 19:24	125494
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	12/19/2016 11:59	125437
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/19/2016 11:59	125437
Toluene	NELAP	5.0		ND	µg/L	1	12/19/2016 11:59	125437
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/19/2016 11:59	125437
Surr: 1,2-Dichloroethane-d4		74.7-129		100.9	%REC	1	12/19/2016 11:59	125437
Surr: 4-Bromofluorobenzene		86-119		96.3	%REC	1	12/19/2016 11:59	125437
Surr: Dibromofluoromethane		81.7-123		102.6	%REC	1	12/19/2016 11:59	125437
Surr: Toluene-d8		84.3-114		95.7	%REC	1	12/19/2016 11:59	125437



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 16121169

Client Project: Champaign FMGP Q4 2016 Groundwater

Report Date: 27-Dec-16

Lab ID: 16121169-002

Client Sample ID: UMW-105

Matrix: GROUNDWATER

Collection Date: 12/13/2016 18:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		0.049	mg/L	1	12/21/2016 15:09	125551
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	12/21/2016 19:57	125494
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	12/21/2016 19:57	125494
Anthracene	NELAP	0.00010		ND	mg/L	1	12/21/2016 19:57	125494
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/21/2016 19:57	125494
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/21/2016 19:57	125494
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/21/2016 19:57	125494
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/21/2016 19:57	125494
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/21/2016 19:57	125494
Chrysene	NELAP	0.00010		ND	mg/L	1	12/21/2016 19:57	125494
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/21/2016 19:57	125494
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/21/2016 19:57	125494
Fluorene	NELAP	0.00010		ND	mg/L	1	12/21/2016 19:57	125494
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/21/2016 19:57	125494
Naphthalene	NELAP	0.00010		ND	mg/L	1	12/21/2016 19:57	125494
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/21/2016 19:57	125494
Pyrene	NELAP	0.00010		ND	mg/L	1	12/21/2016 19:57	125494
Surr: 2-Fluorobiphenyl		31.4-90.2		51.3	%REC	1	12/21/2016 19:57	125494
Surr: Nitrobenzene-d5		29.2-88.6		53.5	%REC	1	12/21/2016 19:57	125494
Surr: p-Terphenyl-d14		15.1-107		47.5	%REC	1	12/21/2016 19:57	125494
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	12/19/2016 12:26	125437
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/19/2016 12:26	125437
Toluene	NELAP	5.0		ND	µg/L	1	12/19/2016 12:26	125437
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/19/2016 12:26	125437
Surr: 1,2-Dichloroethane-d4		74.7-129		99.3	%REC	1	12/19/2016 12:26	125437
Surr: 4-Bromofluorobenzene		86-119		102.6	%REC	1	12/19/2016 12:26	125437
Surr: Dibromofluoromethane		81.7-123		99.2	%REC	1	12/19/2016 12:26	125437
Surr: Toluene-d8		84.3-114		94.1	%REC	1	12/19/2016 12:26	125437



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 16121169

Client Project: Champaign FMGP Q4 2016 Groundwater

Report Date: 27-Dec-16

Lab ID: 16121169-003

Client Sample ID: UMW-106R

Matrix: GROUNDWATER

Collection Date: 12/14/2016 17:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		0.035	mg/L	1	12/21/2016 15:27	125551
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	12/21/2016 20:30	125494
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	12/21/2016 20:30	125494
Anthracene	NELAP	0.00010		ND	mg/L	1	12/21/2016 20:30	125494
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/21/2016 20:30	125494
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/21/2016 20:30	125494
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/21/2016 20:30	125494
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/21/2016 20:30	125494
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/21/2016 20:30	125494
Chrysene	NELAP	0.00010		ND	mg/L	1	12/21/2016 20:30	125494
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/21/2016 20:30	125494
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/21/2016 20:30	125494
Fluorene	NELAP	0.00010		ND	mg/L	1	12/21/2016 20:30	125494
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/21/2016 20:30	125494
Naphthalene	NELAP	0.00010		ND	mg/L	1	12/21/2016 20:30	125494
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/21/2016 20:30	125494
Pyrene	NELAP	0.00010		ND	mg/L	1	12/21/2016 20:30	125494
Surr: 2-Fluorobiphenyl		31.4-90.2		71.4	%REC	1	12/21/2016 20:30	125494
Surr: Nitrobenzene-d5		29.2-88.6		68.9	%REC	1	12/21/2016 20:30	125494
Surr: p-Terphenyl-d14		15.1-107		59.8	%REC	1	12/21/2016 20:30	125494
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	12/19/2016 12:53	125437
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/19/2016 12:53	125437
Toluene	NELAP	5.0		ND	µg/L	1	12/19/2016 12:53	125437
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/19/2016 12:53	125437
Surr: 1,2-Dichloroethane-d4		74.7-129		101.7	%REC	1	12/19/2016 12:53	125437
Surr: 4-Bromofluorobenzene		86-119		97.4	%REC	1	12/19/2016 12:53	125437
Surr: Dibromofluoromethane		81.7-123		106.6	%REC	1	12/19/2016 12:53	125437
Surr: Toluene-d8		84.3-114		91.6	%REC	1	12/19/2016 12:53	125437



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 16121169

Client Project: Champaign FMGP Q4 2016 Groundwater

Report Date: 27-Dec-16

Lab ID: 16121169-004

Client Sample ID: UMW-107R

Matrix: GROUNDWATER

Collection Date: 12/15/2016 19:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.100		0.596	mg/L	20	12/22/2016 18:35	125551
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 22:16	125562
Acenaphthylene	NELAP	0.00010		0.00010	mg/L	1	12/22/2016 22:16	125562
Anthracene	NELAP	0.00010		ND	mg/L	1	12/22/2016 22:16	125562
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/22/2016 22:16	125562
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 22:16	125562
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 22:16	125562
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/22/2016 22:16	125562
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 22:16	125562
Chrysene	NELAP	0.00010		ND	mg/L	1	12/22/2016 22:16	125562
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/22/2016 22:16	125562
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 22:16	125562
Fluorene	NELAP	0.00010		ND	mg/L	1	12/22/2016 22:16	125562
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 22:16	125562
Naphthalene	NELAP	0.00010		0.00015	mg/L	1	12/22/2016 22:16	125562
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 22:16	125562
Pyrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 22:16	125562
Surr: 2-Fluorobiphenyl		31.4-90.2		52.6	%REC	1	12/22/2016 22:16	125562
Surr: Nitrobenzene-d5		29.2-88.6		53.3	%REC	1	12/22/2016 22:16	125562
Surr: p-Terphenyl-d14		15.1-107		52.0	%REC	1	12/22/2016 22:16	125562
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		77.9	µg/L	1	12/19/2016 13:20	125437
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/19/2016 13:20	125437
Toluene	NELAP	5.0		ND	µg/L	1	12/19/2016 13:20	125437
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/19/2016 13:20	125437
Surr: 1,2-Dichloroethane-d4		74.7-129		104.3	%REC	1	12/19/2016 13:20	125437
Surr: 4-Bromofluorobenzene		86-119		97.7	%REC	1	12/19/2016 13:20	125437
Surr: Dibromofluoromethane		81.7-123		104.1	%REC	1	12/19/2016 13:20	125437
Surr: Toluene-d8		84.3-114		92.0	%REC	1	12/19/2016 13:20	125437



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 16121169

Client Project: Champaign FMGP Q4 2016 Groundwater

Report Date: 27-Dec-16

Lab ID: 16121169-005

Client Sample ID: UMW-108

Matrix: GROUNDWATER

Collection Date: 12/15/2016 11:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		0.032	mg/L	1	12/21/2016 15:35	125551
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	12/21/2016 21:02	125494
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	12/21/2016 21:02	125494
Anthracene	NELAP	0.00010		ND	mg/L	1	12/21/2016 21:02	125494
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/21/2016 21:02	125494
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/21/2016 21:02	125494
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/21/2016 21:02	125494
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/21/2016 21:02	125494
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/21/2016 21:02	125494
Chrysene	NELAP	0.00010		ND	mg/L	1	12/21/2016 21:02	125494
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/21/2016 21:02	125494
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/21/2016 21:02	125494
Fluorene	NELAP	0.00010		ND	mg/L	1	12/21/2016 21:02	125494
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/21/2016 21:02	125494
Naphthalene	NELAP	0.00010		ND	mg/L	1	12/21/2016 21:02	125494
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/21/2016 21:02	125494
Pyrene	NELAP	0.00010		ND	mg/L	1	12/21/2016 21:02	125494
Surr: 2-Fluorobiphenyl		31.4-90.2		51.8	%REC	1	12/21/2016 21:02	125494
Surr: Nitrobenzene-d5		29.2-88.6		52.2	%REC	1	12/21/2016 21:02	125494
Surr: p-Terphenyl-d14		15.1-107		54.1	%REC	1	12/21/2016 21:02	125494
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	12/19/2016 13:48	125437
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/19/2016 13:48	125437
Toluene	NELAP	5.0		ND	µg/L	1	12/19/2016 13:48	125437
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/19/2016 13:48	125437
Surr: 1,2-Dichloroethane-d4		74.7-129		99.3	%REC	1	12/19/2016 13:48	125437
Surr: 4-Bromofluorobenzene		86-119		98.4	%REC	1	12/19/2016 13:48	125437
Surr: Dibromofluoromethane		81.7-123		100.8	%REC	1	12/19/2016 13:48	125437
Surr: Toluene-d8		84.3-114		94.4	%REC	1	12/19/2016 13:48	125437



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 16121169

Client Project: Champaign FMGP Q4 2016 Groundwater

Report Date: 27-Dec-16

Lab ID: 16121169-006

Client Sample ID: UMW-109

Matrix: GROUNDWATER

Collection Date: 12/15/2016 12:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		0.044	mg/L	1	12/21/2016 15:40	125551
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 22:48	125562
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	12/22/2016 22:48	125562
Anthracene	NELAP	0.00010		ND	mg/L	1	12/22/2016 22:48	125562
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/22/2016 22:48	125562
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 22:48	125562
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 22:48	125562
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/22/2016 22:48	125562
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 22:48	125562
Chrysene	NELAP	0.00010		ND	mg/L	1	12/22/2016 22:48	125562
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/22/2016 22:48	125562
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 22:48	125562
Fluorene	NELAP	0.00010		ND	mg/L	1	12/22/2016 22:48	125562
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 22:48	125562
Naphthalene	NELAP	0.00010		ND	mg/L	1	12/22/2016 22:48	125562
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 22:48	125562
Pyrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 22:48	125562
Surr: 2-Fluorobiphenyl		31.4-90.2		63.7	%REC	1	12/22/2016 22:48	125562
Surr: Nitrobenzene-d5		29.2-88.6		57.6	%REC	1	12/22/2016 22:48	125562
Surr: p-Terphenyl-d14		15.1-107		56.1	%REC	1	12/22/2016 22:48	125562
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	12/19/2016 14:15	125437
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/19/2016 14:15	125437
Toluene	NELAP	5.0		ND	µg/L	1	12/19/2016 14:15	125437
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/19/2016 14:15	125437
Surr: 1,2-Dichloroethane-d4		74.7-129		105.4	%REC	1	12/19/2016 14:15	125437
Surr: 4-Bromofluorobenzene		86-119		98.4	%REC	1	12/19/2016 14:15	125437
Surr: Dibromofluoromethane		81.7-123		103.9	%REC	1	12/19/2016 14:15	125437
Surr: Toluene-d8		84.3-114		95.3	%REC	1	12/19/2016 14:15	125437



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 16121169

Client Project: Champaign FMGP Q4 2016 Groundwater

Report Date: 27-Dec-16

Lab ID: 16121169-007

Client Sample ID: UMW-111A

Matrix: GROUNDWATER

Collection Date: 12/14/2016 15:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		< 0.005	mg/L	1	12/22/2016 14:52	125587
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	12/21/2016 21:35	125494
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	12/21/2016 21:35	125494
Anthracene	NELAP	0.00010		ND	mg/L	1	12/21/2016 21:35	125494
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/21/2016 21:35	125494
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/21/2016 21:35	125494
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/21/2016 21:35	125494
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/21/2016 21:35	125494
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/21/2016 21:35	125494
Chrysene	NELAP	0.00010		ND	mg/L	1	12/21/2016 21:35	125494
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/21/2016 21:35	125494
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/21/2016 21:35	125494
Fluorene	NELAP	0.00010		ND	mg/L	1	12/21/2016 21:35	125494
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/21/2016 21:35	125494
Naphthalene	NELAP	0.00010		ND	mg/L	1	12/21/2016 21:35	125494
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/21/2016 21:35	125494
Pyrene	NELAP	0.00010		ND	mg/L	1	12/21/2016 21:35	125494
Surr: 2-Fluorobiphenyl		31.4-90.2		61.8	%REC	1	12/21/2016 21:35	125494
Surr: Nitrobenzene-d5		29.2-88.6		60.3	%REC	1	12/21/2016 21:35	125494
Surr: p-Terphenyl-d14		15.1-107		58.5	%REC	1	12/21/2016 21:35	125494
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	12/19/2016 14:42	125437
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/19/2016 14:42	125437
Toluene	NELAP	5.0		ND	µg/L	1	12/19/2016 14:42	125437
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/19/2016 14:42	125437
Surr: 1,2-Dichloroethane-d4		74.7-129		103.8	%REC	1	12/19/2016 14:42	125437
Surr: 4-Bromofluorobenzene		86-119		98.6	%REC	1	12/19/2016 14:42	125437
Surr: Dibromofluoromethane		81.7-123		105.1	%REC	1	12/19/2016 14:42	125437
Surr: Toluene-d8		84.3-114		94.4	%REC	1	12/19/2016 14:42	125437



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 16121169

Client Project: Champaign FMGP Q4 2016 Groundwater

Report Date: 27-Dec-16

Lab ID: 16121169-008

Client Sample ID: UMW-116

Matrix: GROUNDWATER

Collection Date: 12/15/2016 12:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		< 0.005	mg/L	1	12/22/2016 14:56	125587
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 23:20	125562
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	12/22/2016 23:20	125562
Anthracene	NELAP	0.00010		ND	mg/L	1	12/22/2016 23:20	125562
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/22/2016 23:20	125562
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 23:20	125562
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 23:20	125562
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/22/2016 23:20	125562
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 23:20	125562
Chrysene	NELAP	0.00010		ND	mg/L	1	12/22/2016 23:20	125562
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/22/2016 23:20	125562
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 23:20	125562
Fluorene	NELAP	0.00010		ND	mg/L	1	12/22/2016 23:20	125562
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 23:20	125562
Naphthalene	NELAP	0.00010		0.00043	mg/L	1	12/22/2016 23:20	125562
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 23:20	125562
Pyrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 23:20	125562
Surr: 2-Fluorobiphenyl		31.4-90.2		58.5	%REC	1	12/22/2016 23:20	125562
Surr: Nitrobenzene-d5		29.2-88.6		53.5	%REC	1	12/22/2016 23:20	125562
Surr: p-Terphenyl-d14		15.1-107		60.6	%REC	1	12/22/2016 23:20	125562
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	12/19/2016 15:09	125437
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/19/2016 15:09	125437
Toluene	NELAP	5.0		ND	µg/L	1	12/19/2016 15:09	125437
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/19/2016 15:09	125437
Surr: 1,2-Dichloroethane-d4		74.7-129		104.1	%REC	1	12/19/2016 15:09	125437
Surr: 4-Bromofluorobenzene		86-119		99.3	%REC	1	12/19/2016 15:09	125437
Surr: Dibromofluoromethane		81.7-123		104.5	%REC	1	12/19/2016 15:09	125437
Surr: Toluene-d8		84.3-114		93.5	%REC	1	12/19/2016 15:09	125437



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 16121169

Client Project: Champaign FMGP Q4 2016 Groundwater

Report Date: 27-Dec-16

Lab ID: 16121169-009

Client Sample ID: UMW-117

Matrix: GROUNDWATER

Collection Date: 12/15/2016 15:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		< 0.005	mg/L	1	12/22/2016 15:01	125587
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 23:53	125562
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	12/22/2016 23:53	125562
Anthracene	NELAP	0.00010		ND	mg/L	1	12/22/2016 23:53	125562
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/22/2016 23:53	125562
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 23:53	125562
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 23:53	125562
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/22/2016 23:53	125562
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 23:53	125562
Chrysene	NELAP	0.00010		ND	mg/L	1	12/22/2016 23:53	125562
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/22/2016 23:53	125562
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 23:53	125562
Fluorene	NELAP	0.00010		ND	mg/L	1	12/22/2016 23:53	125562
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 23:53	125562
Naphthalene	NELAP	0.00010		ND	mg/L	1	12/22/2016 23:53	125562
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 23:53	125562
Pyrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 23:53	125562
Surr: 2-Fluorobiphenyl		31.4-90.2		57.1	%REC	1	12/22/2016 23:53	125562
Surr: Nitrobenzene-d5		29.2-88.6		50.5	%REC	1	12/22/2016 23:53	125562
Surr: p-Terphenyl-d14		15.1-107		55.4	%REC	1	12/22/2016 23:53	125562
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	12/19/2016 15:37	125437
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/19/2016 15:37	125437
Toluene	NELAP	5.0		ND	µg/L	1	12/19/2016 15:37	125437
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/19/2016 15:37	125437
Surr: 1,2-Dichloroethane-d4		74.7-129		105.8	%REC	1	12/19/2016 15:37	125437
Surr: 4-Bromofluorobenzene		86-119		104.5	%REC	1	12/19/2016 15:37	125437
Surr: Dibromofluoromethane		81.7-123		104.3	%REC	1	12/19/2016 15:37	125437
Surr: Toluene-d8		84.3-114		92.3	%REC	1	12/19/2016 15:37	125437



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 16121169

Client Project: Champaign FMGP Q4 2016 Groundwater

Report Date: 27-Dec-16

Lab ID: 16121169-010

Client Sample ID: UMW-118

Matrix: GROUNDWATER

Collection Date: 12/15/2016 15:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		0.044	mg/L	1	12/22/2016 15:18	125587
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	12/21/2016 22:07	125494
Acenaphthylene	NELAP	0.00010		0.00016	mg/L	1	12/21/2016 22:07	125494
Anthracene	NELAP	0.00010		ND	mg/L	1	12/21/2016 22:07	125494
Benzo(a)anthracene	NELAP	0.00010		0.00021	mg/L	1	12/21/2016 22:07	125494
Benzo(a)pyrene	NELAP	0.00010		0.00035	mg/L	1	12/21/2016 22:07	125494
Benzo(b)fluoranthene	NELAP	0.00010		0.00035	mg/L	1	12/21/2016 22:07	125494
Benzo(g,h,i)perylene	NELAP	0.00010		0.00020	mg/L	1	12/21/2016 22:07	125494
Benzo(k)fluoranthene	NELAP	0.00010		0.00011	mg/L	1	12/21/2016 22:07	125494
Chrysene	NELAP	0.00010		0.00012	mg/L	1	12/21/2016 22:07	125494
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/21/2016 22:07	125494
Fluoranthene	NELAP	0.00010		0.00018	mg/L	1	12/21/2016 22:07	125494
Fluorene	NELAP	0.00010		ND	mg/L	1	12/21/2016 22:07	125494
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		0.00015	mg/L	1	12/21/2016 22:07	125494
Naphthalene	NELAP	0.00010		ND	mg/L	1	12/21/2016 22:07	125494
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/21/2016 22:07	125494
Pyrene	NELAP	0.00010		0.00076	mg/L	1	12/21/2016 22:07	125494
Surr: 2-Fluorobiphenyl		31.4-90.2		47.1	%REC	1	12/21/2016 22:07	125494
Surr: Nitrobenzene-d5		29.2-88.6		41.0	%REC	1	12/21/2016 22:07	125494
Surr: p-Terphenyl-d14		15.1-107		37.8	%REC	1	12/21/2016 22:07	125494
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	12/19/2016 16:04	125437
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/19/2016 16:04	125437
Toluene	NELAP	5.0		ND	µg/L	1	12/19/2016 16:04	125437
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/19/2016 16:04	125437
Surr: 1,2-Dichloroethane-d4		74.7-129		105.8	%REC	1	12/19/2016 16:04	125437
Surr: 4-Bromofluorobenzene		86-119		97.4	%REC	1	12/19/2016 16:04	125437
Surr: Dibromofluoromethane		81.7-123		103.3	%REC	1	12/19/2016 16:04	125437
Surr: Toluene-d8		84.3-114		95.3	%REC	1	12/19/2016 16:04	125437



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 16121169

Client Project: Champaign FMGP Q4 2016 Groundwater

Report Date: 27-Dec-16

Lab ID: 16121169-011

Client Sample ID: UMW-119

Matrix: GROUNDWATER

Collection Date: 12/15/2016 10:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		0.041	mg/L	1	12/22/2016 15:22	125587
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 8:43	125494
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	12/22/2016 8:43	125494
Anthracene	NELAP	0.00010		ND	mg/L	1	12/22/2016 8:43	125494
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/22/2016 8:43	125494
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 8:43	125494
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 8:43	125494
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/22/2016 8:43	125494
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 8:43	125494
Chrysene	NELAP	0.00010		ND	mg/L	1	12/22/2016 8:43	125494
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/22/2016 8:43	125494
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 8:43	125494
Fluorene	NELAP	0.00010		ND	mg/L	1	12/22/2016 8:43	125494
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 8:43	125494
Naphthalene	NELAP	0.00010		ND	mg/L	1	12/22/2016 8:43	125494
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 8:43	125494
Pyrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 8:43	125494
Surr: 2-Fluorobiphenyl		31.4-90.2		53.2	%REC	1	12/22/2016 8:43	125494
Surr: Nitrobenzene-d5		29.2-88.6		46.4	%REC	1	12/22/2016 8:43	125494
Surr: p-Terphenyl-d14		15.1-107		48.1	%REC	1	12/22/2016 8:43	125494
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	12/19/2016 16:31	125437
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/19/2016 16:31	125437
Toluene	NELAP	5.0		ND	µg/L	1	12/19/2016 16:31	125437
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/19/2016 16:31	125437
Surr: 1,2-Dichloroethane-d4		74.7-129		104.2	%REC	1	12/19/2016 16:31	125437
Surr: 4-Bromofluorobenzene		86-119		97.4	%REC	1	12/19/2016 16:31	125437
Surr: Dibromofluoromethane		81.7-123		105.1	%REC	1	12/19/2016 16:31	125437
Surr: Toluene-d8		84.3-114		94.4	%REC	1	12/19/2016 16:31	125437



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 16121169

Client Project: Champaign FMGP Q4 2016 Groundwater

Report Date: 27-Dec-16

Lab ID: 16121169-012

Client Sample ID: UMW-120

Matrix: GROUNDWATER

Collection Date: 12/15/2016 16:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		< 0.005	mg/L	1	12/22/2016 15:53	125589
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	12/23/2016 0:25	125562
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	12/23/2016 0:25	125562
Anthracene	NELAP	0.00010		ND	mg/L	1	12/23/2016 0:25	125562
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/23/2016 0:25	125562
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/23/2016 0:25	125562
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/23/2016 0:25	125562
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/23/2016 0:25	125562
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/23/2016 0:25	125562
Chrysene	NELAP	0.00010		ND	mg/L	1	12/23/2016 0:25	125562
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/23/2016 0:25	125562
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/23/2016 0:25	125562
Fluorene	NELAP	0.00010		ND	mg/L	1	12/23/2016 0:25	125562
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/23/2016 0:25	125562
Naphthalene	NELAP	0.00010		ND	mg/L	1	12/23/2016 0:25	125562
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/23/2016 0:25	125562
Pyrene	NELAP	0.00010		ND	mg/L	1	12/23/2016 0:25	125562
Surr: 2-Fluorobiphenyl		31.4-90.2		60.0	%REC	1	12/23/2016 0:25	125562
Surr: Nitrobenzene-d5		29.2-88.6		54.8	%REC	1	12/23/2016 0:25	125562
Surr: p-Terphenyl-d14		15.1-107		48.4	%REC	1	12/23/2016 0:25	125562
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	12/19/2016 16:58	125437
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/19/2016 16:58	125437
Toluene	NELAP	5.0		ND	µg/L	1	12/19/2016 16:58	125437
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/19/2016 16:58	125437
Surr: 1,2-Dichloroethane-d4		74.7-129		105.9	%REC	1	12/19/2016 16:58	125437
Surr: 4-Bromofluorobenzene		86-119		100.8	%REC	1	12/19/2016 16:58	125437
Surr: Dibromofluoromethane		81.7-123		103.0	%REC	1	12/19/2016 16:58	125437
Surr: Toluene-d8		84.3-114		92.1	%REC	1	12/19/2016 16:58	125437



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 16121169

Client Project: Champaign FMGP Q4 2016 Groundwater

Report Date: 27-Dec-16

Lab ID: 16121169-013

Client Sample ID: UMW-121

Matrix: GROUNDWATER

Collection Date: 12/13/2016 13:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.050		0.164	mg/L	10	12/22/2016 18:21	125589
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	12/21/2016 23:12	125494
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	12/21/2016 23:12	125494
Anthracene	NELAP	0.00010		ND	mg/L	1	12/21/2016 23:12	125494
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/21/2016 23:12	125494
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/21/2016 23:12	125494
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/21/2016 23:12	125494
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/21/2016 23:12	125494
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/21/2016 23:12	125494
Chrysene	NELAP	0.00010		ND	mg/L	1	12/21/2016 23:12	125494
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/21/2016 23:12	125494
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/21/2016 23:12	125494
Fluorene	NELAP	0.00010		ND	mg/L	1	12/21/2016 23:12	125494
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/21/2016 23:12	125494
Naphthalene	NELAP	0.00010		ND	mg/L	1	12/21/2016 23:12	125494
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/21/2016 23:12	125494
Pyrene	NELAP	0.00010		ND	mg/L	1	12/21/2016 23:12	125494
Surr: 2-Fluorobiphenyl		31.4-90.2		62.7	%REC	1	12/21/2016 23:12	125494
Surr: Nitrobenzene-d5		29.2-88.6		60.5	%REC	1	12/21/2016 23:12	125494
Surr: p-Terphenyl-d14		15.1-107		43.7	%REC	1	12/21/2016 23:12	125494
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	12/19/2016 17:25	125437
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/19/2016 17:25	125437
Toluene	NELAP	5.0		ND	µg/L	1	12/19/2016 17:25	125437
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/19/2016 17:25	125437
Surr: 1,2-Dichloroethane-d4		74.7-129		104.3	%REC	1	12/19/2016 17:25	125437
Surr: 4-Bromofluorobenzene		86-119		99.8	%REC	1	12/19/2016 17:25	125437
Surr: Dibromofluoromethane		81.7-123		104.1	%REC	1	12/19/2016 17:25	125437
Surr: Toluene-d8		84.3-114		97.4	%REC	1	12/19/2016 17:25	125437

Client: PSC Industrial Outsourcing, LP
 Client Project: Champaign FMGP Q4 2016 Groundwater
 Lab ID: 16121169-014
 Matrix: GROUNDWATER

Work Order: 16121169
 Report Date: 27-Dec-16

Client Sample ID: UMW-123

Collection Date: 12/15/2016 13:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		< 0.005	mg/L	1	12/22/2016 16:02	125589
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	12/23/2016 0:58	125562
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	12/23/2016 0:58	125562
Anthracene	NELAP	0.00010		ND	mg/L	1	12/23/2016 0:58	125562
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/23/2016 0:58	125562
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/23/2016 0:58	125562
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/23/2016 0:58	125562
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/23/2016 0:58	125562
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/23/2016 0:58	125562
Chrysene	NELAP	0.00010		ND	mg/L	1	12/23/2016 0:58	125562
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/23/2016 0:58	125562
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/23/2016 0:58	125562
Fluorene	NELAP	0.00010		ND	mg/L	1	12/23/2016 0:58	125562
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/23/2016 0:58	125562
Naphthalene	NELAP	0.00010		ND	mg/L	1	12/23/2016 0:58	125562
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/23/2016 0:58	125562
Pyrene	NELAP	0.00010		ND	mg/L	1	12/23/2016 0:58	125562
Surr: 2-Fluorobiphenyl		31.4-90.2		60.4	%REC	1	12/23/2016 0:58	125562
Surr: Nitrobenzene-d5		29.2-88.6		54.6	%REC	1	12/23/2016 0:58	125562
Surr: p-Terphenyl-d14		15.1-107		59.6	%REC	1	12/23/2016 0:58	125562
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	12/19/2016 17:52	125437
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/19/2016 17:52	125437
Toluene	NELAP	5.0		ND	µg/L	1	12/19/2016 17:52	125437
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/19/2016 17:52	125437
Surr: 1,2-Dichloroethane-d4		74.7-129		108.4	%REC	1	12/19/2016 17:52	125437
Surr: 4-Bromofluorobenzene		86-119		100.7	%REC	1	12/19/2016 17:52	125437
Surr: Dibromofluoromethane		81.7-123		104.5	%REC	1	12/19/2016 17:52	125437
Surr: Toluene-d8		84.3-114		98.3	%REC	1	12/19/2016 17:52	125437

Client: PSC Industrial Outsourcing, LP
 Client Project: Champaign FMGP Q4 2016 Groundwater
 Lab ID: 16121169-015
 Matrix: GROUNDWATER

Work Order: 16121169
 Report Date: 27-Dec-16

Client Sample ID: UMW-124

Collection Date: 12/14/2016 14:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		0.013	mg/L	1	12/22/2016 16:06	125589
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		0.00039	mg/L	1	12/22/2016 21:11	125494
Acenaphthylene	NELAP	0.00010		0.00024	mg/L	1	12/22/2016 21:11	125494
Anthracene	NELAP	0.00010		ND	mg/L	1	12/21/2016 23:45	125494
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/21/2016 23:45	125494
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/21/2016 23:45	125494
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/21/2016 23:45	125494
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/21/2016 23:45	125494
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/21/2016 23:45	125494
Chrysene	NELAP	0.00010		ND	mg/L	1	12/21/2016 23:45	125494
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/21/2016 23:45	125494
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/21/2016 23:45	125494
Fluorene	NELAP	0.00010		0.00018	mg/L	1	12/22/2016 21:11	125494
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/21/2016 23:45	125494
Naphthalene	NELAP	0.00010		0.0273	mg/L	1	12/21/2016 23:45	125494
Phenanthrene	NELAP	0.00010		0.00012	mg/L	1	12/21/2016 23:45	125494
Pyrene	NELAP	0.00010		ND	mg/L	1	12/21/2016 23:45	125494
Surr: 2-Fluorobiphenyl		31.4-90.2		40.0	%REC	1	12/21/2016 23:45	125494
Surr: Nitrobenzene-d5		29.2-88.6		37.0	%REC	1	12/21/2016 23:45	125494
Surr: p-Terphenyl-d14		15.1-107		43.5	%REC	1	12/21/2016 23:45	125494
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	20.0		115	µg/L	10	12/19/2016 18:19	125437
Ethylbenzene	NELAP	50.0	J	11	µg/L	10	12/19/2016 18:19	125437
Toluene	NELAP	50.0	J	37	µg/L	10	12/19/2016 18:19	125437
Xylenes, Total	NELAP	50.0	J	28	µg/L	10	12/19/2016 18:19	125437
Surr: 1,2-Dichloroethane-d4		74.7-129		111.6	%REC	10	12/19/2016 18:19	125437
Surr: 4-Bromofluorobenzene		86-119		96.8	%REC	10	12/19/2016 18:19	125437
Surr: Dibromofluoromethane		81.7-123		106.5	%REC	10	12/19/2016 18:19	125437
Surr: Toluene-d8		84.3-114		93.4	%REC	10	12/19/2016 18:19	125437

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



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 16121169

Client Project: Champaign FMGP Q4 2016 Groundwater

Report Date: 27-Dec-16

Lab ID: 16121169-016

Client Sample ID: UMW-125

Matrix: GROUNDWATER

Collection Date: 12/13/2016 15:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.025		0.062	mg/L	5	12/22/2016 18:26	125589
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 0:17	125494
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	12/22/2016 0:17	125494
Anthracene	NELAP	0.00010		ND	mg/L	1	12/22/2016 0:17	125494
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/22/2016 0:17	125494
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 0:17	125494
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 0:17	125494
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/22/2016 0:17	125494
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 0:17	125494
Chrysene	NELAP	0.00010		ND	mg/L	1	12/22/2016 0:17	125494
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/22/2016 0:17	125494
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 0:17	125494
Fluorene	NELAP	0.00010		ND	mg/L	1	12/22/2016 0:17	125494
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 0:17	125494
Naphthalene	NELAP	0.00010		0.00058	mg/L	1	12/22/2016 0:17	125494
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 0:17	125494
Pyrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 0:17	125494
Surr: 2-Fluorobiphenyl		31.4-90.2		51.7	%REC	1	12/22/2016 0:17	125494
Surr: Nitrobenzene-d5		29.2-88.6		44.8	%REC	1	12/22/2016 0:17	125494
Surr: p-Terphenyl-d14		15.1-107		39.7	%REC	1	12/22/2016 0:17	125494
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		20.4	µg/L	1	12/19/2016 18:46	125437
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/19/2016 18:46	125437
Toluene	NELAP	5.0		ND	µg/L	1	12/19/2016 18:46	125437
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/19/2016 18:46	125437
Surr: 1,2-Dichloroethane-d4		74.7-129		105.8	%REC	1	12/19/2016 18:46	125437
Surr: 4-Bromofluorobenzene		86-119		99.0	%REC	1	12/19/2016 18:46	125437
Surr: Dibromofluoromethane		81.7-123		105.7	%REC	1	12/19/2016 18:46	125437
Surr: Toluene-d8		84.3-114		92.8	%REC	1	12/19/2016 18:46	125437



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 16121169

Client Project: Champaign FMGP Q4 2016 Groundwater

Report Date: 27-Dec-16

Lab ID: 16121169-017

Client Sample ID: UMW-126

Matrix: GROUNDWATER

Collection Date: 12/14/2016 11:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		< 0.005	mg/L	1	12/22/2016 16:19	125589
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 0:50	125494
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	12/22/2016 0:50	125494
Anthracene	NELAP	0.00010		ND	mg/L	1	12/22/2016 0:50	125494
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/22/2016 0:50	125494
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 0:50	125494
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 0:50	125494
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/22/2016 0:50	125494
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 0:50	125494
Chrysene	NELAP	0.00010		ND	mg/L	1	12/22/2016 0:50	125494
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/22/2016 0:50	125494
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 0:50	125494
Fluorene	NELAP	0.00010		ND	mg/L	1	12/22/2016 0:50	125494
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 0:50	125494
Naphthalene	NELAP	0.00010		ND	mg/L	1	12/22/2016 0:50	125494
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 0:50	125494
Pyrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 0:50	125494
Surr: 2-Fluorobiphenyl		31.4-90.2		50.9	%REC	1	12/22/2016 0:50	125494
Surr: Nitrobenzene-d5		29.2-88.6		35.5	%REC	1	12/22/2016 0:50	125494
Surr: p-Terphenyl-d14		15.1-107		48.0	%REC	1	12/22/2016 0:50	125494
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		17.8	µg/L	1	12/19/2016 23:17	125480
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/19/2016 23:17	125480
Toluene	NELAP	5.0		ND	µg/L	1	12/19/2016 23:17	125480
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/19/2016 23:17	125480
Surr: 1,2-Dichloroethane-d4		74.7-129		105.4	%REC	1	12/19/2016 23:17	125480
Surr: 4-Bromofluorobenzene		86-119		101.6	%REC	1	12/19/2016 23:17	125480
Surr: Dibromofluoromethane		81.7-123		106.0	%REC	1	12/19/2016 23:17	125480
Surr: Toluene-d8		84.3-114		97.0	%REC	1	12/19/2016 23:17	125480



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 16121169

Client Project: Champaign FMGP Q4 2016 Groundwater

Report Date: 27-Dec-16

Lab ID: 16121169-018

Client Sample ID: UMW-127

Matrix: GROUNDWATER

Collection Date: 12/14/2016 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	12/22/2016 16:23	125589
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010	I	0.00022	mg/L	1	12/22/2016 9:48	125494
Acenaphthylene	NELAP	0.00010	I	0.00081	mg/L	1	12/22/2016 9:48	125494
Anthracene	NELAP	0.00010		ND	mg/L	1	12/22/2016 1:22	125494
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/22/2016 1:22	125494
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 1:22	125494
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 1:22	125494
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/22/2016 1:22	125494
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 1:22	125494
Chrysene	NELAP	0.00010		ND	mg/L	1	12/22/2016 1:22	125494
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/22/2016 1:22	125494
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 1:22	125494
Fluorene	NELAP	0.00010	I	0.00020	mg/L	1	12/22/2016 9:48	125494
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 1:22	125494
Naphthalene	NELAP	0.00010		0.00172	mg/L	1	12/22/2016 1:22	125494
Phenanthrene	NELAP	0.00010		0.00027	mg/L	1	12/22/2016 1:22	125494
Pyrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 1:22	125494
Surr: 2-Fluorobiphenyl		31.4-90.2		54.0	%REC	1	12/22/2016 1:22	125494
Surr: Nitrobenzene-d5		29.2-88.6		43.6	%REC	1	12/22/2016 1:22	125494
Surr: p-Terphenyl-d14		15.1-107		55.2	%REC	1	12/22/2016 1:22	125494
<i>The associated internal standard was outside method criteria. Subsequent analysis produced similar results. Results of "I" flagged analytes should be considered estimated.</i>								
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		3.3	µg/L	1	12/19/2016 23:44	125480
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/19/2016 23:44	125480
Toluene	NELAP	5.0		ND	µg/L	1	12/19/2016 23:44	125480
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/19/2016 23:44	125480
Surr: 1,2-Dichloroethane-d4		74.7-129		103.6	%REC	1	12/19/2016 23:44	125480
Surr: 4-Bromofluorobenzene		86-119		98.6	%REC	1	12/19/2016 23:44	125480
Surr: Dibromofluoromethane		81.7-123		102.0	%REC	1	12/19/2016 23:44	125480
Surr: Toluene-d8		84.3-114		94.5	%REC	1	12/19/2016 23:44	125480



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 16121169

Client Project: Champaign FMGP Q4 2016 Groundwater

Report Date: 27-Dec-16

Lab ID: 16121169-019

Client Sample ID: UMW-300

Matrix: GROUNDWATER

Collection Date: 12/14/2016 16:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		< 0.005	mg/L	1	12/22/2016 16:28	125589
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 1:55	125494
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	12/22/2016 1:55	125494
Anthracene	NELAP	0.00010		ND	mg/L	1	12/22/2016 1:55	125494
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/22/2016 1:55	125494
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 1:55	125494
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 1:55	125494
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/22/2016 1:55	125494
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 1:55	125494
Chrysene	NELAP	0.00010		ND	mg/L	1	12/22/2016 1:55	125494
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/22/2016 1:55	125494
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 1:55	125494
Fluorene	NELAP	0.00010		ND	mg/L	1	12/22/2016 1:55	125494
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 1:55	125494
Naphthalene	NELAP	0.00010		ND	mg/L	1	12/22/2016 1:55	125494
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 1:55	125494
Pyrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 1:55	125494
Surr: 2-Fluorobiphenyl		31.4-90.2		55.3	%REC	1	12/22/2016 1:55	125494
Surr: Nitrobenzene-d5		29.2-88.6		49.7	%REC	1	12/22/2016 1:55	125494
Surr: p-Terphenyl-d14		15.1-107		55.3	%REC	1	12/22/2016 1:55	125494
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	12/20/2016 0:11	125480
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/20/2016 0:11	125480
Toluene	NELAP	5.0		ND	µg/L	1	12/20/2016 0:11	125480
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/20/2016 0:11	125480
Surr: 1,2-Dichloroethane-d4		74.7-129		103.1	%REC	1	12/20/2016 0:11	125480
Surr: 4-Bromofluorobenzene		86-119		104.6	%REC	1	12/20/2016 0:11	125480
Surr: Dibromofluoromethane		81.7-123		103.1	%REC	1	12/20/2016 0:11	125480
Surr: Toluene-d8		84.3-114		94.6	%REC	1	12/20/2016 0:11	125480

Client: PSC Industrial Outsourcing, LP

Work Order: 16121169

Client Project: Champaign FMGP Q4 2016 Groundwater

Report Date: 27-Dec-16

Lab ID: 16121169-020

Client Sample ID: UMW-301R

Matrix: GROUNDWATER

Collection Date: 12/14/2016 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	12/22/2016 16:32	125589
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		0.00216	mg/L	1	12/22/2016 2:27	125494
Acenaphthylene	NELAP	0.00010		0.00246	mg/L	1	12/22/2016 2:27	125494
Anthracene	NELAP	0.00010		ND	mg/L	1	12/22/2016 2:27	125494
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/22/2016 2:27	125494
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 2:27	125494
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 2:27	125494
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/22/2016 2:27	125494
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 2:27	125494
Chrysene	NELAP	0.00010		ND	mg/L	1	12/22/2016 2:27	125494
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/22/2016 2:27	125494
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 2:27	125494
Fluorene	NELAP	0.00010		ND	mg/L	1	12/22/2016 2:27	125494
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 2:27	125494
Naphthalene	NELAP	0.00010		ND	mg/L	1	12/22/2016 2:27	125494
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 2:27	125494
Pyrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 2:27	125494
Surr: 2-Fluorobiphenyl		31.4-90.2		49.9	%REC	1	12/22/2016 2:27	125494
Surr: Nitrobenzene-d5		29.2-88.6		46.6	%REC	1	12/22/2016 2:27	125494
Surr: p-Terphenyl-d14		15.1-107		41.1	%REC	1	12/22/2016 2:27	125494
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	12/19/2016 19:13	125437
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/19/2016 19:13	125437
Toluene	NELAP	5.0		ND	µg/L	1	12/19/2016 19:13	125437
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/19/2016 19:13	125437
Surr: 1,2-Dichloroethane-d4		74.7-129		108.7	%REC	1	12/19/2016 19:13	125437
Surr: 4-Bromofluorobenzene		86-119		100.9	%REC	1	12/19/2016 19:13	125437
Surr: Dibromofluoromethane		81.7-123		105.3	%REC	1	12/19/2016 19:13	125437
Surr: Toluene-d8		84.3-114		96.1	%REC	1	12/19/2016 19:13	125437



Laboratory Results

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Client: PSC Industrial Outsourcing, LP

Work Order: 16121169

Client Project: Champaign FMGP Q4 2016 Groundwater

Report Date: 27-Dec-16

Lab ID: 16121169-021

Client Sample ID: UMW-302

Matrix: GROUNDWATER

Collection Date: 12/13/2016 15:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.100		0.202	mg/L	20	12/23/2016 16:02	125589
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010	I	0.00010	mg/L	1	12/22/2016 5:21	125494
Acenaphthylene	NELAP	0.00010	I	0.00021	mg/L	1	12/22/2016 5:21	125494
Anthracene	NELAP	0.00010		ND	mg/L	1	12/22/2016 5:21	125494
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/22/2016 5:21	125494
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 5:21	125494
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 5:21	125494
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/22/2016 5:21	125494
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 5:21	125494
Chrysene	NELAP	0.00010		ND	mg/L	1	12/22/2016 5:21	125494
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/22/2016 5:21	125494
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 5:21	125494
Fluorene	NELAP	0.00010	I	ND	mg/L	1	12/22/2016 5:21	125494
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 5:21	125494
Naphthalene	NELAP	0.00500		1.05	mg/L	50	12/22/2016 10:20	125494
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 5:21	125494
Pyrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 5:21	125494
Surr: 2-Fluorobiphenyl		31.4-90.2		58.5	%REC	1	12/22/2016 5:21	125494
Surr: Nitrobenzene-d5		29.2-88.6		45.1	%REC	1	12/22/2016 5:21	125494
Surr: p-Terphenyl-d14		15.1-107		47.8	%REC	1	12/22/2016 5:21	125494

The associated internal standard was outside method criteria. Subsequent analysis produced similar results. Results of "I" flagged analytes should be considered estimated.

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

Benzene	NELAP	20.0		186	µg/L	10	12/20/2016 0:38	125480
Ethylbenzene	NELAP	50.0		603	µg/L	10	12/20/2016 0:38	125480
Toluene	NELAP	50.0		ND	µg/L	10	12/20/2016 0:38	125480
Xylenes, Total	NELAP	50.0		116	µg/L	10	12/20/2016 0:38	125480
Surr: 1,2-Dichloroethane-d4		74.7-129		104.5	%REC	10	12/20/2016 0:38	125480
Surr: 4-Bromofluorobenzene		86-119		103.8	%REC	10	12/20/2016 0:38	125480
Surr: Dibromofluoromethane		81.7-123		100.6	%REC	10	12/20/2016 0:38	125480
Surr: Toluene-d8		84.3-114		95.0	%REC	10	12/20/2016 0:38	125480

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



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 16121169

Client Project: Champaign FMGP Q4 2016 Groundwater

Report Date: 27-Dec-16

Lab ID: 16121169-022

Client Sample ID: UMW-303

Matrix: GROUNDWATER

Collection Date: 12/15/2016 9:55

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		< 0.005	mg/L	1	12/22/2016 17:25	125589
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 5:53	125494
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	12/22/2016 5:53	125494
Anthracene	NELAP	0.00010		ND	mg/L	1	12/22/2016 5:53	125494
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/22/2016 5:53	125494
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 5:53	125494
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 5:53	125494
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/22/2016 5:53	125494
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 5:53	125494
Chrysene	NELAP	0.00010		ND	mg/L	1	12/22/2016 5:53	125494
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/22/2016 5:53	125494
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 5:53	125494
Fluorene	NELAP	0.00010		ND	mg/L	1	12/22/2016 5:53	125494
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 5:53	125494
Naphthalene	NELAP	0.00010		ND	mg/L	1	12/22/2016 5:53	125494
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 5:53	125494
Pyrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 5:53	125494
Surr: 2-Fluorobiphenyl		31.4-90.2		50.6	%REC	1	12/22/2016 5:53	125494
Surr: Nitrobenzene-d5		29.2-88.6		42.2	%REC	1	12/22/2016 5:53	125494
Surr: p-Terphenyl-d14		15.1-107		51.3	%REC	1	12/22/2016 5:53	125494
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	12/20/2016 1:05	125480
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/20/2016 1:05	125480
Toluene	NELAP	5.0		ND	µg/L	1	12/20/2016 1:05	125480
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/20/2016 1:05	125480
Surr: 1,2-Dichloroethane-d4		74.7-129		106.3	%REC	1	12/20/2016 1:05	125480
Surr: 4-Bromofluorobenzene		86-119		99.0	%REC	1	12/20/2016 1:05	125480
Surr: Dibromofluoromethane		81.7-123		102.7	%REC	1	12/20/2016 1:05	125480
Surr: Toluene-d8		84.3-114		87.0	%REC	1	12/20/2016 1:05	125480



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 16121169

Client Project: Champaign FMGP Q4 2016 Groundwater

Report Date: 27-Dec-16

Lab ID: 16121169-023

Client Sample ID: UMW-304R

Matrix: GROUNDWATER

Collection Date: 12/13/2016 16:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		< 0.005	mg/L	1	12/22/2016 17:33	125589
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		0.00059	mg/L	1	12/22/2016 6:25	125494
Acenaphthylene	NELAP	0.00010		0.00116	mg/L	1	12/22/2016 6:25	125494
Anthracene	NELAP	0.00010		ND	mg/L	1	12/22/2016 6:25	125494
Benzo(a)anthracene	NELAP	0.00010	J	0.00006	mg/L	1	12/22/2016 6:25	125494
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 6:25	125494
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 6:25	125494
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/22/2016 6:25	125494
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 6:25	125494
Chrysene	NELAP	0.00010		ND	mg/L	1	12/22/2016 6:25	125494
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/22/2016 6:25	125494
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 6:25	125494
Fluorene	NELAP	0.00010		ND	mg/L	1	12/22/2016 6:25	125494
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 6:25	125494
Naphthalene	NELAP	0.00010		0.00021	mg/L	1	12/22/2016 6:25	125494
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 6:25	125494
Pyrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 6:25	125494
Surr: 2-Fluorobiphenyl		31.4-90.2		44.8	%REC	1	12/22/2016 6:25	125494
Surr: Nitrobenzene-d5		29.2-88.6		38.8	%REC	1	12/22/2016 6:25	125494
Surr: p-Terphenyl-d14		15.1-107		40.6	%REC	1	12/22/2016 6:25	125494
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	12/20/2016 1:32	125480
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/20/2016 1:32	125480
Toluene	NELAP	5.0		ND	µg/L	1	12/20/2016 1:32	125480
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/20/2016 1:32	125480
Surr: 1,2-Dichloroethane-d4		74.7-129		106.2	%REC	1	12/20/2016 1:32	125480
Surr: 4-Bromofluorobenzene		86-119		99.0	%REC	1	12/20/2016 1:32	125480
Surr: Dibromofluoromethane		81.7-123		104.7	%REC	1	12/20/2016 1:32	125480
Surr: Toluene-d8		84.3-114		92.2	%REC	1	12/20/2016 1:32	125480



Laboratory Results

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Client: PSC Industrial Outsourcing, LP

Work Order: 16121169

Client Project: Champaign FMGP Q4 2016 Groundwater

Report Date: 27-Dec-16

Lab ID: 16121169-024

Client Sample ID: UMW-305

Matrix: GROUNDWATER

Collection Date: 12/14/2016 15:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		0.010	mg/L	1	12/22/2016 17:38	125589
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 6:57	125494
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	12/22/2016 6:57	125494
Anthracene	NELAP	0.00010		ND	mg/L	1	12/22/2016 6:57	125494
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/22/2016 6:57	125494
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 6:57	125494
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 6:57	125494
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/22/2016 6:57	125494
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 6:57	125494
Chrysene	NELAP	0.00010		ND	mg/L	1	12/22/2016 6:57	125494
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/22/2016 6:57	125494
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 6:57	125494
Fluorene	NELAP	0.00010		ND	mg/L	1	12/22/2016 6:57	125494
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 6:57	125494
Naphthalene	NELAP	0.00010		ND	mg/L	1	12/22/2016 6:57	125494
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 6:57	125494
Pyrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 6:57	125494
Surr: 2-Fluorobiphenyl		31.4-90.2		48.6	%REC	1	12/22/2016 6:57	125494
Surr: Nitrobenzene-d5		29.2-88.6		40.8	%REC	1	12/22/2016 6:57	125494
Surr: p-Terphenyl-d14		15.1-107		55.3	%REC	1	12/22/2016 6:57	125494
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	12/20/2016 1:59	125480
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/20/2016 1:59	125480
Toluene	NELAP	5.0		ND	µg/L	1	12/20/2016 1:59	125480
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/20/2016 1:59	125480
Surr: 1,2-Dichloroethane-d4		74.7-129		106.0	%REC	1	12/20/2016 1:59	125480
Surr: 4-Bromofluorobenzene		86-119		100.0	%REC	1	12/20/2016 1:59	125480
Surr: Dibromofluoromethane		81.7-123		103.9	%REC	1	12/20/2016 1:59	125480
Surr: Toluene-d8		84.3-114		93.7	%REC	1	12/20/2016 1:59	125480



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP
 Client Project: Champaign FMGP Q4 2016 Groundwater
 Lab ID: 16121169-025
 Matrix: GROUNDWATER

Work Order: 16121169
 Report Date: 27-Dec-16
 Client Sample ID: UMW-306
 Collection Date: 12/14/2016 13:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		0.038	mg/L	1	12/22/2016 17:42	125589
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 7:30	125494
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	12/22/2016 7:30	125494
Anthracene	NELAP	0.00010		ND	mg/L	1	12/22/2016 7:30	125494
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/22/2016 7:30	125494
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 7:30	125494
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 7:30	125494
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/22/2016 7:30	125494
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 7:30	125494
Chrysene	NELAP	0.00010		ND	mg/L	1	12/22/2016 7:30	125494
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/22/2016 7:30	125494
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 7:30	125494
Fluorene	NELAP	0.00010		ND	mg/L	1	12/22/2016 7:30	125494
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 7:30	125494
Naphthalene	NELAP	0.00010		ND	mg/L	1	12/22/2016 7:30	125494
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 7:30	125494
Pyrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 7:30	125494
Surr: 2-Fluorobiphenyl		31.4-90.2		65.1	%REC	1	12/22/2016 7:30	125494
Surr: Nitrobenzene-d5		29.2-88.6		55.0	%REC	1	12/22/2016 7:30	125494
Surr: p-Terphenyl-d14		15.1-107		62.4	%REC	1	12/22/2016 7:30	125494
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	12/20/2016 2:26	125480
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/20/2016 2:26	125480
Toluene	NELAP	5.0		ND	µg/L	1	12/20/2016 2:26	125480
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/20/2016 2:26	125480
Surr: 1,2-Dichloroethane-d4		74.7-129		104.0	%REC	1	12/20/2016 2:26	125480
Surr: 4-Bromofluorobenzene		86-119		106.2	%REC	1	12/20/2016 2:26	125480
Surr: Dibromofluoromethane		81.7-123		103.3	%REC	1	12/20/2016 2:26	125480
Surr: Toluene-d8		84.3-114		93.5	%REC	1	12/20/2016 2:26	125480

Client: PSC Industrial Outsourcing, LP
 Client Project: Champaign FMGP Q4 2016 Groundwater
 Lab ID: 16121169-026
 Matrix: GROUNDWATER

Work Order: 16121169
 Report Date: 27-Dec-16
 Client Sample ID: UMW-307
 Collection Date: 12/14/2016 11:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		0.018	mg/L	1	12/22/2016 17:11	125589
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 8:02	125494
Acenaphthylene	NELAP	0.00010		ND	mg/L	1	12/22/2016 8:02	125494
Anthracene	NELAP	0.00010		ND	mg/L	1	12/22/2016 8:02	125494
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/22/2016 8:02	125494
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 8:02	125494
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 8:02	125494
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/22/2016 8:02	125494
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 8:02	125494
Chrysene	NELAP	0.00010		ND	mg/L	1	12/22/2016 8:02	125494
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/22/2016 8:02	125494
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/22/2016 8:02	125494
Fluorene	NELAP	0.00010		ND	mg/L	1	12/22/2016 8:02	125494
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 8:02	125494
Naphthalene	NELAP	0.00010		ND	mg/L	1	12/22/2016 8:02	125494
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 8:02	125494
Pyrene	NELAP	0.00010		ND	mg/L	1	12/22/2016 8:02	125494
Surr: 2-Fluorobiphenyl		31.4-90.2		57.7	%REC	1	12/22/2016 8:02	125494
Surr: Nitrobenzene-d5		29.2-88.6		46.9	%REC	1	12/22/2016 8:02	125494
Surr: p-Terphenyl-d14		15.1-107		60.7	%REC	1	12/22/2016 8:02	125494
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	12/20/2016 2:53	125480
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/20/2016 2:53	125480
Toluene	NELAP	5.0		ND	µg/L	1	12/20/2016 2:53	125480
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/20/2016 2:53	125480
Surr: 1,2-Dichloroethane-d4		74.7-129		104.5	%REC	1	12/20/2016 2:53	125480
Surr: 4-Bromofluorobenzene		86-119		99.8	%REC	1	12/20/2016 2:53	125480
Surr: Dibromofluoromethane		81.7-123		105.0	%REC	1	12/20/2016 2:53	125480
Surr: Toluene-d8		84.3-114		90.9	%REC	1	12/20/2016 2:53	125480



Laboratory Results

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Client: PSC Industrial Outsourcing, LP

Work Order: 16121169

Client Project: Champaign FMGP Q4 2016 Groundwater

Report Date: 27-Dec-16

Lab ID: 16121169-027

Client Sample ID: UMW-308

Matrix: GROUNDWATER

Collection Date: 12/14/2016 13:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.005		0.022	mg/L	1	12/23/2016 12:28	125627
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010	H	ND	mg/L	1	12/22/2016 19:33	125562
Acenaphthylene	NELAP	0.00010	H	ND	mg/L	1	12/22/2016 19:33	125562
Anthracene	NELAP	0.00010	H	ND	mg/L	1	12/22/2016 19:33	125562
Benzo(a)anthracene	NELAP	0.00010	H	ND	mg/L	1	12/22/2016 19:33	125562
Benzo(a)pyrene	NELAP	0.00010	H	ND	mg/L	1	12/22/2016 19:33	125562
Benzo(b)fluoranthene	NELAP	0.00010	H	ND	mg/L	1	12/22/2016 19:33	125562
Benzo(g,h,i)perylene	NELAP	0.00010	H	ND	mg/L	1	12/22/2016 19:33	125562
Benzo(k)fluoranthene	NELAP	0.00010	H	ND	mg/L	1	12/22/2016 19:33	125562
Chrysene	NELAP	0.00010	H	ND	mg/L	1	12/22/2016 19:33	125562
Dibenzo(a,h)anthracene	NELAP	0.00010	H	ND	mg/L	1	12/22/2016 19:33	125562
Fluoranthene	NELAP	0.00010	H	ND	mg/L	1	12/22/2016 19:33	125562
Fluorene	NELAP	0.00010	H	ND	mg/L	1	12/22/2016 19:33	125562
Indeno(1,2,3-cd)pyrene	NELAP	0.00010	H	ND	mg/L	1	12/22/2016 19:33	125562
Naphthalene	NELAP	0.00010	H	ND	mg/L	1	12/22/2016 19:33	125562
Phenanthrene	NELAP	0.00010	H	ND	mg/L	1	12/22/2016 19:33	125562
Pyrene	NELAP	0.00010	H	ND	mg/L	1	12/22/2016 19:33	125562
Surr: 2-Fluorobiphenyl		31.4-90.2	H	58.8	%REC	1	12/22/2016 19:33	125562
Surr: Nitrobenzene-d5		29.2-88.6	H	52.6	%REC	1	12/22/2016 19:33	125562
Surr: p-Terphenyl-d14		15.1-107	H	52.3	%REC	1	12/22/2016 19:33	125562
<i>Sample extraction did not meet hold time requirements.</i>								
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	12/20/2016 3:20	125480
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/20/2016 3:20	125480
Toluene	NELAP	5.0		ND	µg/L	1	12/20/2016 3:20	125480
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/20/2016 3:20	125480
Surr: 1,2-Dichloroethane-d4		74.7-129		108.6	%REC	1	12/20/2016 3:20	125480
Surr: 4-Bromofluorobenzene		86-119		104.6	%REC	1	12/20/2016 3:20	125480
Surr: Dibromofluoromethane		81.7-123		107.0	%REC	1	12/20/2016 3:20	125480
Surr: Toluene-d8		84.3-114		95.7	%REC	1	12/20/2016 3:20	125480

Client: PSC Industrial Outsourcing, LP
 Client Project: Champaign FMGP Q4 2016 Groundwater
 Lab ID: 16121169-028
 Matrix: GROUNDWATER

Work Order: 16121169
 Report Date: 27-Dec-16
 Client Sample ID: UMW-902
 Collection Date: 12/15/2016 15:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.100		0.200	mg/L	20	12/23/2016 15:01	125589
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		0.00015	mg/L	1	12/23/2016 1:30	125562
Acenaphthylene	NELAP	0.00010		0.00035	mg/L	1	12/23/2016 1:30	125562
Anthracene	NELAP	0.00010		ND	mg/L	1	12/23/2016 1:30	125562
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/23/2016 1:30	125562
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/23/2016 1:30	125562
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/23/2016 1:30	125562
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/23/2016 1:30	125562
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/23/2016 1:30	125562
Chrysene	NELAP	0.00010		ND	mg/L	1	12/23/2016 1:30	125562
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/23/2016 1:30	125562
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/23/2016 1:30	125562
Fluorene	NELAP	0.00010		ND	mg/L	1	12/23/2016 1:30	125562
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/23/2016 1:30	125562
Naphthalene	NELAP	0.00500		1.14	mg/L	50	12/27/2016 11:42	125562
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/23/2016 1:30	125562
Pyrene	NELAP	0.00010		ND	mg/L	1	12/23/2016 1:30	125562
Surr: 2-Fluorobiphenyl		31.4-90.2		44.5	%REC	1	12/23/2016 1:30	125562
Surr: Nitrobenzene-d5		29.2-88.6		41.5	%REC	1	12/23/2016 1:30	125562
Surr: p-Terphenyl-d14		15.1-107		57.3	%REC	1	12/23/2016 1:30	125562
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	20.0		184	µg/L	10	12/20/2016 3:47	125480
Ethylbenzene	NELAP	50.0		533	µg/L	10	12/20/2016 3:47	125480
Toluene	NELAP	50.0		ND	µg/L	10	12/20/2016 3:47	125480
Xylenes, Total	NELAP	50.0		106	µg/L	10	12/20/2016 3:47	125480
Surr: 1,2-Dichloroethane-d4		74.7-129		107.7	%REC	10	12/20/2016 3:47	125480
Surr: 4-Bromofluorobenzene		86-119		100.7	%REC	10	12/20/2016 3:47	125480
Surr: Dibromofluoromethane		81.7-123		106.4	%REC	10	12/20/2016 3:47	125480
Surr: Toluene-d8		84.3-114		96.0	%REC	10	12/20/2016 3:47	125480

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



Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 16121169

Client Project: Champaign FMGP Q4 2016 Groundwater

Report Date: 27-Dec-16

Lab ID: 16121169-029

Client Sample ID: UMW-907R

Matrix: GROUNDWATER

Collection Date: 12/16/2016 10:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.100		0.627	mg/L	20	12/23/2016 15:05	125589
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Acenaphthene	NELAP	0.00010		ND	mg/L	1	12/23/2016 2:03	125562
Acenaphthylene	NELAP	0.00010		0.00011	mg/L	1	12/23/2016 2:03	125562
Anthracene	NELAP	0.00010		ND	mg/L	1	12/23/2016 2:03	125562
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	12/23/2016 2:03	125562
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	12/23/2016 2:03	125562
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/23/2016 2:03	125562
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	12/23/2016 2:03	125562
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	12/23/2016 2:03	125562
Chrysene	NELAP	0.00010		ND	mg/L	1	12/23/2016 2:03	125562
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	12/23/2016 2:03	125562
Fluoranthene	NELAP	0.00010		ND	mg/L	1	12/23/2016 2:03	125562
Fluorene	NELAP	0.00010		ND	mg/L	1	12/23/2016 2:03	125562
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	12/23/2016 2:03	125562
Naphthalene	NELAP	0.00010		0.00015	mg/L	1	12/23/2016 2:03	125562
Phenanthrene	NELAP	0.00010		ND	mg/L	1	12/23/2016 2:03	125562
Pyrene	NELAP	0.00010		ND	mg/L	1	12/23/2016 2:03	125562
Surr: 2-Fluorobiphenyl		31.4-90.2		49.3	%REC	1	12/23/2016 2:03	125562
Surr: Nitrobenzene-d5		29.2-88.6		51.6	%REC	1	12/23/2016 2:03	125562
Surr: p-Terphenyl-d14		15.1-107		48.4	%REC	1	12/23/2016 2:03	125562
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		74.6	µg/L	1	12/20/2016 4:14	125480
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/20/2016 4:14	125480
Toluene	NELAP	5.0		ND	µg/L	1	12/20/2016 4:14	125480
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/20/2016 4:14	125480
Surr: 1,2-Dichloroethane-d4		74.7-129		107.6	%REC	1	12/20/2016 4:14	125480
Surr: 4-Bromofluorobenzene		86-119		102.7	%REC	1	12/20/2016 4:14	125480
Surr: Dibromofluoromethane		81.7-123		105.8	%REC	1	12/20/2016 4:14	125480
Surr: Toluene-d8		84.3-114		93.1	%REC	1	12/20/2016 4:14	125480



Laboratory Results

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Client: PSC Industrial Outsourcing, LP

Work Order: 16121169

Client Project: Champaign FMGP Q4 2016 Groundwater

Report Date: 27-Dec-16

Lab ID: 16121169-030

Client Sample ID: Trip Blank

Matrix: TRIP BLANK

Collection Date: 12/16/2016 17:11

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		ND	µg/L	1	12/20/2016 4:41	125480
Ethylbenzene	NELAP	5.0		ND	µg/L	1	12/20/2016 4:41	125480
Toluene	NELAP	5.0		ND	µg/L	1	12/20/2016 4:41	125480
Xylenes, Total	NELAP	5.0		ND	µg/L	1	12/20/2016 4:41	125480
Surr: 1,2-Dichloroethane-d4		74.7-129		106.4	%REC	1	12/20/2016 4:41	125480
Surr: 4-Bromofluorobenzene		86-119		102.5	%REC	1	12/20/2016 4:41	125480
Surr: Dibromofluoromethane		81.7-123		104.4	%REC	1	12/20/2016 4:41	125480
Surr: Toluene-d8		84.3-114		90.9	%REC	1	12/20/2016 4:41	125480

Client: PSC Industrial Outsourcing, LP

Work Order: 16121169

Client Project: Champaign FMGP Q4 2016 Groundwater

Report Date: 27-Dec-16

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
16121169-001	UMW-102	Groundwater	3	12/15/2016 9:15
16121169-002	UMW-105	Groundwater	3	12/13/2016 18:00
16121169-003	UMW-106R	Groundwater	3	12/14/2016 17:25
16121169-004	UMW-107R	Groundwater	3	12/15/2016 19:10
16121169-005	UMW-108	Groundwater	3	12/15/2016 11:15
16121169-006	UMW-109	Groundwater	3	12/15/2016 12:00
16121169-007	UMW-111A	Groundwater	3	12/14/2016 15:20
16121169-008	UMW-116	Groundwater	3	12/15/2016 12:50
16121169-009	UMW-117	Groundwater	3	12/15/2016 15:40
16121169-010	UMW-118	Groundwater	3	12/15/2016 15:00
16121169-011	UMW-119	Groundwater	3	12/15/2016 10:45
16121169-012	UMW-120	Groundwater	3	12/15/2016 16:25
16121169-013	UMW-121	Groundwater	3	12/13/2016 13:50
16121169-014	UMW-123	Groundwater	3	12/15/2016 13:40
16121169-015	UMW-124	Groundwater	3	12/14/2016 14:40
16121169-016	UMW-125	Groundwater	3	12/13/2016 15:20
16121169-017	UMW-126	Groundwater	3	12/14/2016 11:40
16121169-018	UMW-127	Groundwater	3	12/14/2016 9:40
16121169-019	UMW-300	Groundwater	3	12/14/2016 16:40
16121169-020	UMW-301R	Groundwater	3	12/14/2016 10:30
16121169-021	UMW-302	Groundwater	3	12/13/2016 15:20
16121169-022	UMW-303	Groundwater	3	12/15/2016 9:55
16121169-023	UMW-304R	Groundwater	3	12/13/2016 16:40
16121169-024	UMW-305	Groundwater	3	12/14/2016 15:10
16121169-025	UMW-306	Groundwater	3	12/14/2016 13:35
16121169-026	UMW-307	Groundwater	3	12/14/2016 11:25
16121169-027	UMW-308	Groundwater	3	12/14/2016 13:40
16121169-028	UMW-902	Groundwater	3	12/15/2016 15:35
16121169-029	UMW-907R	Groundwater	3	12/16/2016 10:25
16121169-030	Trip Blank	Trip Blank	1	12/16/2016 17:11



Dates Report

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

Client: PSC Industrial Outsourcing, LP

Work Order: 16121169

Client Project: Champaign FMGP Q4 2016 Groundwater

Report Date: 27-Dec-16

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
16121169-001A	UMW-102	12/15/2016 9:15	12/16/2016 17:11		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/21/2016 9:44	12/21/2016 19:24
16121169-001B	UMW-102	12/15/2016 9:15	12/16/2016 17:11		
	SW-846 9012A (Total)			12/20/2016 17:20	12/21/2016 15:05
16121169-001C	UMW-102	12/15/2016 9:15	12/16/2016 17:11		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/19/2016 11:59
16121169-002A	UMW-105	12/13/2016 18:00	12/16/2016 17:11		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/20/2016 12:42	12/21/2016 19:57
16121169-002B	UMW-105	12/13/2016 18:00	12/16/2016 17:11		
	SW-846 9012A (Total)			12/20/2016 17:20	12/21/2016 15:09
16121169-002C	UMW-105	12/13/2016 18:00	12/16/2016 17:11		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/19/2016 12:26
16121169-003A	UMW-106R	12/14/2016 17:25	12/16/2016 17:11		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/20/2016 12:42	12/21/2016 20:30
16121169-003B	UMW-106R	12/14/2016 17:25	12/16/2016 17:11		
	SW-846 9012A (Total)			12/20/2016 17:20	12/21/2016 15:27
16121169-003C	UMW-106R	12/14/2016 17:25	12/16/2016 17:11		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/19/2016 12:53
16121169-004A	UMW-107R	12/15/2016 19:10	12/16/2016 17:11		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/22/2016 9:24	12/22/2016 22:16
16121169-004B	UMW-107R	12/15/2016 19:10	12/16/2016 17:11		
	SW-846 9012A (Total)			12/20/2016 17:20	12/22/2016 18:35
16121169-004C	UMW-107R	12/15/2016 19:10	12/16/2016 17:11		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/19/2016 13:20
16121169-005A	UMW-108	12/15/2016 11:15	12/16/2016 17:11		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/21/2016 9:44	12/21/2016 21:02
16121169-005B	UMW-108	12/15/2016 11:15	12/16/2016 17:11		
	SW-846 9012A (Total)			12/20/2016 17:20	12/21/2016 15:35
16121169-005C	UMW-108	12/15/2016 11:15	12/16/2016 17:11		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/19/2016 13:48
16121169-006A	UMW-109	12/15/2016 12:00	12/16/2016 17:11		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/22/2016 9:24	12/22/2016 22:48
16121169-006B	UMW-109	12/15/2016 12:00	12/16/2016 17:11		
	SW-846 9012A (Total)			12/20/2016 17:20	12/21/2016 15:40
16121169-006C	UMW-109	12/15/2016 12:00	12/16/2016 17:11		

Client: PSC Industrial Outsourcing, LP

Work Order: 16121169

Client Project: Champaign FMGP Q4 2016 Groundwater

Report Date: 27-Dec-16

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/19/2016 14:15
16121169-007A	UMW-111A	12/14/2016 15:20	12/16/2016 17:11		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/20/2016 12:42	12/21/2016 21:35
16121169-007B	UMW-111A	12/14/2016 15:20	12/16/2016 17:11		
	SW-846 9012A (Total)			12/21/2016 15:45	12/22/2016 14:52
16121169-007C	UMW-111A	12/14/2016 15:20	12/16/2016 17:11		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/19/2016 14:42
16121169-008A	UMW-116	12/15/2016 12:50	12/16/2016 17:11		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/22/2016 9:24	12/22/2016 23:20
16121169-008B	UMW-116	12/15/2016 12:50	12/16/2016 17:11		
	SW-846 9012A (Total)			12/21/2016 15:45	12/22/2016 14:56
16121169-008C	UMW-116	12/15/2016 12:50	12/16/2016 17:11		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/19/2016 15:09
16121169-009A	UMW-117	12/15/2016 15:40	12/16/2016 17:11		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/22/2016 9:24	12/22/2016 23:53
16121169-009B	UMW-117	12/15/2016 15:40	12/16/2016 17:11		
	SW-846 9012A (Total)			12/21/2016 15:45	12/22/2016 15:01
16121169-009C	UMW-117	12/15/2016 15:40	12/16/2016 17:11		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/19/2016 15:37
16121169-010A	UMW-118	12/15/2016 15:00	12/16/2016 17:11		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/20/2016 12:42	12/21/2016 22:07
16121169-010B	UMW-118	12/15/2016 15:00	12/16/2016 17:11		
	SW-846 9012A (Total)			12/21/2016 15:45	12/22/2016 15:18
16121169-010C	UMW-118	12/15/2016 15:00	12/16/2016 17:11		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/19/2016 16:04
16121169-011A	UMW-119	12/15/2016 10:45	12/16/2016 17:11		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/21/2016 9:44	12/22/2016 8:43
16121169-011B	UMW-119	12/15/2016 10:45	12/16/2016 17:11		
	SW-846 9012A (Total)			12/21/2016 15:45	12/22/2016 15:22
16121169-011C	UMW-119	12/15/2016 10:45	12/16/2016 17:11		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/19/2016 16:31
16121169-012A	UMW-120	12/15/2016 16:25	12/16/2016 17:11		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/22/2016 9:24	12/23/2016 0:25
16121169-012B	UMW-120	12/15/2016 16:25	12/16/2016 17:11		
	SW-846 9012A (Total)			12/21/2016 19:30	12/22/2016 15:53



Dates Report

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

Client: PSC Industrial Outsourcing, LP

Work Order: 16121169

Client Project: Champaign FMGP Q4 2016 Groundwater

Report Date: 27-Dec-16

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
16121169-012C	UMW-120	12/15/2016 16:25	12/16/2016 17:11		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/19/2016 16:58
16121169-013A	UMW-121	12/13/2016 13:50	12/16/2016 17:11		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/20/2016 12:42	12/21/2016 23:12
16121169-013B	UMW-121	12/13/2016 13:50	12/16/2016 17:11		
	SW-846 9012A (Total)			12/21/2016 19:30	12/22/2016 18:21
16121169-013C	UMW-121	12/13/2016 13:50	12/16/2016 17:11		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/19/2016 17:25
16121169-014A	UMW-123	12/15/2016 13:40	12/16/2016 17:11		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/22/2016 9:24	12/23/2016 0:58
16121169-014B	UMW-123	12/15/2016 13:40	12/16/2016 17:11		
	SW-846 9012A (Total)			12/21/2016 19:30	12/22/2016 16:02
16121169-014C	UMW-123	12/15/2016 13:40	12/16/2016 17:11		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/19/2016 17:52
16121169-015A	UMW-124	12/14/2016 14:40	12/16/2016 17:11		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/20/2016 12:42	12/21/2016 23:45
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/20/2016 12:42	12/22/2016 21:11
16121169-015B	UMW-124	12/14/2016 14:40	12/16/2016 17:11		
	SW-846 9012A (Total)			12/21/2016 19:30	12/22/2016 16:06
16121169-015C	UMW-124	12/14/2016 14:40	12/16/2016 17:11		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/19/2016 18:19
16121169-016A	UMW-125	12/13/2016 15:20	12/16/2016 17:11		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/20/2016 12:42	12/22/2016 0:17
16121169-016B	UMW-125	12/13/2016 15:20	12/16/2016 17:11		
	SW-846 9012A (Total)			12/21/2016 19:30	12/22/2016 18:26
16121169-016C	UMW-125	12/13/2016 15:20	12/16/2016 17:11		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/19/2016 18:46
16121169-017A	UMW-126	12/14/2016 11:40	12/16/2016 17:11		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/21/2016 9:44	12/22/2016 0:50
16121169-017B	UMW-126	12/14/2016 11:40	12/16/2016 17:11		
	SW-846 9012A (Total)			12/21/2016 19:30	12/22/2016 16:19
16121169-017C	UMW-126	12/14/2016 11:40	12/16/2016 17:11		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/19/2016 23:17
16121169-018A	UMW-127	12/14/2016 9:40	12/16/2016 17:11		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/20/2016 12:42	12/22/2016 1:22



Dates Report

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

Client: PSC Industrial Outsourcing, LP

Work Order: 16121169

Client Project: Champaign FMGP Q4 2016 Groundwater

Report Date: 27-Dec-16

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			12/20/2016 12:42	12/22/2016 9:48
16121169-018B	UMW-127	12/14/2016 9:40	12/16/2016 17:11		
	SW-846 9012A (Total)			12/21/2016 19:30	12/22/2016 16:23
16121169-018C	UMW-127	12/14/2016 9:40	12/16/2016 17:11		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/19/2016 23:44
16121169-019A	UMW-300	12/14/2016 16:40	12/16/2016 17:11		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/21/2016 9:44	12/22/2016 1:55
16121169-019B	UMW-300	12/14/2016 16:40	12/16/2016 17:11		
	SW-846 9012A (Total)			12/21/2016 19:30	12/22/2016 16:28
16121169-019C	UMW-300	12/14/2016 16:40	12/16/2016 17:11		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/20/2016 0:11
16121169-020A	UMW-301R	12/14/2016 10:30	12/16/2016 17:11		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/20/2016 12:42	12/22/2016 2:27
16121169-020B	UMW-301R	12/14/2016 10:30	12/16/2016 17:11		
	SW-846 9012A (Total)			12/21/2016 19:30	12/22/2016 16:32
16121169-020C	UMW-301R	12/14/2016 10:30	12/16/2016 17:11		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/19/2016 19:13
16121169-021A	UMW-302	12/13/2016 15:20	12/16/2016 17:11		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/20/2016 12:42	12/22/2016 5:21
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/20/2016 12:42	12/22/2016 10:20
16121169-021B	UMW-302	12/13/2016 15:20	12/16/2016 17:11		
	SW-846 9012A (Total)			12/21/2016 19:30	12/23/2016 16:02
16121169-021C	UMW-302	12/13/2016 15:20	12/16/2016 17:11		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/20/2016 0:38
16121169-022A	UMW-303	12/15/2016 9:55	12/16/2016 17:11		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/21/2016 9:44	12/22/2016 5:53
16121169-022B	UMW-303	12/15/2016 9:55	12/16/2016 17:11		
	SW-846 9012A (Total)			12/21/2016 19:30	12/22/2016 17:25
16121169-022C	UMW-303	12/15/2016 9:55	12/16/2016 17:11		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/20/2016 1:05
16121169-023A	UMW-304R	12/13/2016 16:40	12/16/2016 17:11		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/20/2016 12:42	12/22/2016 6:25
16121169-023B	UMW-304R	12/13/2016 16:40	12/16/2016 17:11		
	SW-846 9012A (Total)			12/21/2016 19:30	12/22/2016 17:33
16121169-023C	UMW-304R	12/13/2016 16:40	12/16/2016 17:11		



Dates Report

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

Client: PSC Industrial Outsourcing, LP

Work Order: 16121169

Client Project: Champaign FMGP Q4 2016 Groundwater

Report Date: 27-Dec-16

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/20/2016 1:32
16121169-024A	UMW-305	12/14/2016 15:10	12/16/2016 17:11		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/21/2016 9:44	12/22/2016 6:57
16121169-024B	UMW-305	12/14/2016 15:10	12/16/2016 17:11		
	SW-846 9012A (Total)			12/21/2016 19:30	12/22/2016 17:38
16121169-024C	UMW-305	12/14/2016 15:10	12/16/2016 17:11		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/20/2016 1:59
16121169-025A	UMW-306	12/14/2016 13:35	12/16/2016 17:11		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/21/2016 9:44	12/22/2016 7:30
16121169-025B	UMW-306	12/14/2016 13:35	12/16/2016 17:11		
	SW-846 9012A (Total)			12/21/2016 19:30	12/22/2016 17:42
16121169-025C	UMW-306	12/14/2016 13:35	12/16/2016 17:11		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/20/2016 2:26
16121169-026A	UMW-307	12/14/2016 11:25	12/16/2016 17:11		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/21/2016 9:44	12/22/2016 8:02
16121169-026B	UMW-307	12/14/2016 11:25	12/16/2016 17:11		
	SW-846 9012A (Total)			12/21/2016 19:30	12/22/2016 17:11
16121169-026C	UMW-307	12/14/2016 11:25	12/16/2016 17:11		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/20/2016 2:53
16121169-027A	UMW-308	12/14/2016 13:40	12/16/2016 17:11		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/21/2016 16:35	12/22/2016 19:33
16121169-027B	UMW-308	12/14/2016 13:40	12/16/2016 17:11		
	SW-846 9012A (Total)			12/22/2016 18:30	12/23/2016 12:28
16121169-027C	UMW-308	12/14/2016 13:40	12/16/2016 17:11		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/20/2016 3:20
16121169-028A	UMW-902	12/15/2016 15:35	12/16/2016 17:11		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/22/2016 9:24	12/23/2016 1:30
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/22/2016 9:24	12/27/2016 11:42
16121169-028B	UMW-902	12/15/2016 15:35	12/16/2016 17:11		
	SW-846 9012A (Total)			12/21/2016 19:30	12/23/2016 15:01
16121169-028C	UMW-902	12/15/2016 15:35	12/16/2016 17:11		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/20/2016 3:47
16121169-029A	UMW-907R	12/16/2016 10:25	12/16/2016 17:11		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			12/22/2016 9:24	12/23/2016 2:03
16121169-029B	UMW-907R	12/16/2016 10:25	12/16/2016 17:11		



Dates Report

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Client: PSC Industrial Outsourcing, LP

Work Order: 16121169

Client Project: Champaign FMGP Q4 2016 Groundwater

Report Date: 27-Dec-16

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
	SW-846 9012A (Total)			12/21/2016 19:30	12/23/2016 15:05
16121169-029C	UMW-907R	12/16/2016 10:25	12/16/2016 17:11		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/20/2016 4:14
16121169-030A	Trip Blank	12/16/2016 17:11	12/16/2016 17:11		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				12/20/2016 4:41



Quality Control Results

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Client: PSC Industrial Outsourcing, LP

Work Order: 16121169

Client Project: Champaign FMGP Q4 2016 Groundwater

Report Date: 27-Dec-16

SW-846 9012A (TOTAL)

Batch 125551		SampType: MBLK		Units mg/L						Date Analyzed
SampID: MBLK 161220 TCN1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.005		< 0.005							12/21/2016

Batch 125551		SampType: LCS		Units mg/L						Date Analyzed
SampID: LCS 161220 TCN1										
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		12/21/2016

Batch 125551		SampType: MS		Units mg/L						Date Analyzed
SampID: 16121169-002BMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.005	E	0.073	0.02500	0.04918	95.9	75	125		12/21/2016

Batch 125551		SampType: MSD		Units mg/L		RPD Limit 15				Date Analyzed
SampID: 16121169-002BMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Cyanide	0.005	E	0.073	0.02500	0.04918	94.4	0.07315	0.51		12/21/2016

Batch 125587		SampType: MBLK		Units mg/L						Date Analyzed
SampID: MBLK 161221 TCN1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.005		< 0.005							12/22/2016

Batch 125587		SampType: LCS		Units mg/L						Date Analyzed
SampID: LCS 161221 TCN1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.005		0.026	0.02500	0	103.4	90	110		12/22/2016

Batch 125587		SampType: MS		Units mg/L						Date Analyzed
SampID: 16121169-009BMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.005		0.029	0.02500	0	114.4	75	125		12/22/2016

Batch 125587		SampType: MSD		Units mg/L		RPD Limit 15				Date Analyzed
SampID: 16121169-009BMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Cyanide	0.005		0.026	0.02500	0	105.1	0.02861	8.53		12/22/2016

Batch 125589		SampType: MBLK		Units mg/L						Date Analyzed
SampID: MBLK 161221 TCN2										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.005		< 0.005							12/22/2016



Quality Control Results

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Client: PSC Industrial Outsourcing, LP

Work Order: 16121169

Client Project: Champaign FMGP Q4 2016 Groundwater

Report Date: 27-Dec-16

SW-846 9012A (TOTAL)

Batch 125589		SampType: LCS		Units mg/L						Date Analyzed
SampID: LCS 161221 TCN2										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.005		0.026	0.02500	0	102.8	85	115	12/22/2016	

Batch 125589		SampType: MS		Units mg/L						Date Analyzed
SampID: 16121169-020BMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.005		0.025	0.02500	0	101.6	75	125	12/22/2016	

Batch 125589		SampType: MSD		Units mg/L		RPD Limit 15				Date Analyzed
SampID: 16121169-020BMSSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Cyanide	0.005		0.028	0.02500	0	113.0	0.02540	10.62	12/22/2016	

Batch 125589		SampType: MS		Units mg/L						Date Analyzed
SampID: 16121169-025BMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.005	E	0.061	0.02500	0.03838	91.0	75	125	12/22/2016	

Batch 125589		SampType: MSD		Units mg/L		RPD Limit 15				Date Analyzed
SampID: 16121169-025BMSSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Cyanide	0.005	E	0.061	0.02500	0.03838	91.3	0.06112	0.16	12/22/2016	

Batch 125627		SampType: MBLK		Units mg/L						Date Analyzed
SampID: MBLK 161222 TCN3										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.005		< 0.005						12/23/2016	

Batch 125627		SampType: LCS		Units mg/L						Date Analyzed
SampID: LCS 161222 TCN3										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.005		0.024	0.02500	0	94.4	90	110	12/23/2016	

Batch 125627		SampType: MS		Units mg/L						Date Analyzed
SampID: 16121169-027BMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.005		0.044	0.02500	0.02242	86.1	75	125	12/23/2016	

Batch 125627		SampType: MSD		Units mg/L		RPD Limit 15				Date Analyzed
SampID: 16121169-027BMSSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Cyanide	0.005		0.048	0.02500	0.02242	101.4	0.04395	8.34	12/23/2016	



Quality Control Results

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Client: PSC Industrial Outsourcing, LP

Work Order: 16121169

Client Project: Champaign FMGP Q4 2016 Groundwater

Report Date: 27-Dec-16

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

Batch 125494		SampType: MBLK		Units mg/L						
SampID: MBLK-125494										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.00010		ND						12/21/2016	
Acenaphthylene	0.00010		ND						12/21/2016	
Anthracene	0.00010		ND						12/21/2016	
Benzo(a)anthracene	0.00010		ND						12/21/2016	
Benzo(a)pyrene	0.00010		ND						12/21/2016	
Benzo(b)fluoranthene	0.00010		ND						12/21/2016	
Benzo(g,h,i)perylene	0.00010		ND						12/21/2016	
Benzo(k)fluoranthene	0.00010		ND						12/21/2016	
Chrysene	0.00010		ND						12/21/2016	
Dibenzo(a,h)anthracene	0.00010		ND						12/21/2016	
Fluoranthene	0.00010		ND						12/21/2016	
Fluorene	0.00010		ND						12/21/2016	
Indeno(1,2,3-cd)pyrene	0.00010		ND						12/21/2016	
Naphthalene	0.00010		ND						12/21/2016	
Phenanthrene	0.00010		ND						12/21/2016	
Pyrene	0.00010		ND						12/21/2016	
Surr: 2-Fluorobiphenyl			0.00301	0.00500C		60.1	36.7	93.3	12/21/2016	
Surr: Nitrobenzene-d5			0.00341	0.00500C		68.3	38.4	96.2	12/21/2016	
Surr: p-Terphenyl-d14			0.00297	0.00500C		59.4	40.5	111	12/21/2016	

Batch 125494		SampType: LCS		Units mg/L						
SampID: LCS-125494										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.00010		0.00354	0.00500C	0	70.9	33.2	114	12/21/2016	
Acenaphthylene	0.00010		0.00327	0.00500C	0	65.3	33.5	115	12/21/2016	
Anthracene	0.00010		0.00312	0.00500C	0	62.4	35.1	113	12/21/2016	
Benzo(a)anthracene	0.00010		0.00315	0.00500C	0	63.1	32.1	125	12/21/2016	
Benzo(a)pyrene	0.00010		0.00318	0.00500C	0	63.6	35.3	120	12/21/2016	
Benzo(b)fluoranthene	0.00010		0.00340	0.00500C	0	68.1	38	119	12/21/2016	
Benzo(g,h,i)perylene	0.00010		0.00336	0.00500C	0	67.1	40.1	114	12/21/2016	
Benzo(k)fluoranthene	0.00010		0.00298	0.00500C	0	59.7	38.1	119	12/21/2016	
Chrysene	0.00010		0.00310	0.00500C	0	62.1	39.6	116	12/21/2016	
Dibenzo(a,h)anthracene	0.00010		0.00311	0.00500C	0	62.1	38.9	114	12/21/2016	
Fluoranthene	0.00010		0.00295	0.00500C	0	59.0	35.5	117	12/21/2016	
Fluorene	0.00010		0.00340	0.00500C	0	67.9	40.3	110	12/21/2016	
Indeno(1,2,3-cd)pyrene	0.00010		0.00316	0.00500C	0	63.1	40.4	115	12/21/2016	
Naphthalene	0.00010		0.00309	0.00500C	0	61.9	28.9	106	12/21/2016	
Phenanthrene	0.00010		0.00318	0.00500C	0	63.7	35	112	12/21/2016	
Pyrene	0.00010		0.00303	0.00500C	0	60.6	34.4	116	12/21/2016	
Surr: 2-Fluorobiphenyl			0.00266	0.00500C		53.2	36.7	93.3	12/21/2016	
Surr: Nitrobenzene-d5			0.00298	0.00500C		59.6	38.4	96.2	12/21/2016	
Surr: p-Terphenyl-d14			0.00262	0.00500C		52.4	40.5	111	12/21/2016	



Quality Control Results

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Client: PSC Industrial Outsourcing, LP

Work Order: 16121169

Client Project: Champaign FMGP Q4 2016 Groundwater

Report Date: 27-Dec-16

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

Batch 125494		SampType: LCSD		Units mg/L				RPD Limit 50		Date Analyzed
SampID: LCSD-125494										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Acenaphthene	0.00010		0.00376	0.00500C	0	75.1	0.003545	5.81	12/21/2016	
Acenaphthylene	0.00010		0.00369	0.00500C	0	73.8	0.003266	12.22	12/21/2016	
Anthracene	0.00010		0.00334	0.00500C	0	66.8	0.003120	6.81	12/21/2016	
Benzo(a)anthracene	0.00010		0.00351	0.00500C	0	70.2	0.003154	10.68	12/21/2016	
Benzo(a)pyrene	0.00010		0.00367	0.00500C	0	73.4	0.003179	14.39	12/21/2016	
Benzo(b)fluoranthene	0.00010		0.00388	0.00500C	0	77.7	0.003403	13.23	12/21/2016	
Benzo(g,h,i)perylene	0.00010		0.00384	0.00500C	0	76.7	0.003355	13.40	12/21/2016	
Benzo(k)fluoranthene	0.00010		0.00338	0.00500C	0	67.6	0.002985	12.41	12/21/2016	
Chrysene	0.00010		0.00338	0.00500C	0	67.5	0.003105	8.39	12/21/2016	
Dibenzo(a,h)anthracene	0.00010		0.00358	0.00500C	0	71.6	0.003107	14.17	12/21/2016	
Fluoranthene	0.00010		0.00327	0.00500C	0	65.4	0.002950	10.26	12/21/2016	
Fluorene	0.00010		0.00361	0.00500C	0	72.1	0.003395	6.03	12/21/2016	
Indeno(1,2,3-cd)pyrene	0.00010		0.00361	0.00500C	0	72.2	0.003156	13.48	12/21/2016	
Naphthalene	0.00010		0.00327	0.00500C	0	65.5	0.003094	5.65	12/21/2016	
Phenanthrene	0.00010		0.00329	0.00500C	0	65.9	0.003184	3.37	12/21/2016	
Pyrene	0.00010		0.00322	0.00500C	0	64.3	0.003032	5.92	12/21/2016	
Surr: 2-Fluorobiphenyl			0.00280	0.00500C		56.0			12/21/2016	
Surr: Nitrobenzene-d5			0.00320	0.00500C		64.0			12/21/2016	
Surr: p-Terphenyl-d14			0.00286	0.00500C		57.1			12/21/2016	

Batch 125494		SampType: MS		Units mg/L						Date Analyzed
SampID: 16121169-020AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.00010		0.00607	0.00500C	0.002159	78.2	40.1	107	12/22/2016	
Acenaphthylene	0.00010		0.00653	0.00500C	0.002463	81.3	39.3	109	12/22/2016	
Anthracene	0.00010		0.00308	0.00500C	0	61.5	40.6	99.7	12/22/2016	
Benzo(a)anthracene	0.00010		0.00316	0.00500C	0	63.2	35.8	109	12/22/2016	
Benzo(a)pyrene	0.00010		0.00325	0.00500C	0	65.0	43.1	103	12/22/2016	
Benzo(b)fluoranthene	0.00010		0.00325	0.00500C	0	65.0	43.8	99.5	12/22/2016	
Benzo(g,h,i)perylene	0.00010		0.00310	0.00500C	0	62.1	42.7	105	12/22/2016	
Benzo(k)fluoranthene	0.00010		0.00320	0.00500C	0	64.1	44	101	12/22/2016	
Chrysene	0.00010		0.00318	0.00500C	0	63.7	42.2	108	12/22/2016	
Dibenzo(a,h)anthracene	0.00010		0.00314	0.00500C	0	62.8	42.2	106	12/22/2016	
Fluoranthene	0.00010		0.00316	0.00500C	0	63.2	40	107	12/22/2016	
Fluorene	0.00010		0.00368	0.00500C	0	73.5	43.6	105	12/22/2016	
Indeno(1,2,3-cd)pyrene	0.00010		0.00313	0.00500C	0	62.6	42.8	106	12/22/2016	
Naphthalene	0.00010		0.00298	0.00500C	0	59.7	40	89.4	12/22/2016	
Phenanthrene	0.00010		0.00302	0.00500C	0	60.3	40.6	99.2	12/22/2016	
Pyrene	0.00010		0.00310	0.00500C	0	61.9	40.1	103	12/22/2016	
Surr: 2-Fluorobiphenyl			0.00262	0.00500C		52.5	31.4	90.2	12/22/2016	
Surr: Nitrobenzene-d5			0.00270	0.00500C		54.0	29.2	88.6	12/22/2016	
Surr: p-Terphenyl-d14			0.00270	0.00500C		53.9	15.1	107	12/22/2016	

Client: PSC Industrial Outsourcing, LP

Work Order: 16121169

Client Project: Champaign FMGP Q4 2016 Groundwater

Report Date: 27-Dec-16

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 125494 SampType: MSD Units mg/L RPD Limit 50 SampID: 16121169-020AMSD									
Acenaphthene	0.00010		0.00564	0.00500C	0.002159	69.7	0.006067	7.22	12/22/2016
Acenaphthylene	0.00010		0.00608	0.00500C	0.002463	72.4	0.006530	7.06	12/22/2016
Anthracene	0.00010		0.00280	0.00500C	0	56.1	0.003077	9.32	12/22/2016
Benzo(a)anthracene	0.00010		0.00288	0.00500C	0	57.7	0.003162	9.16	12/22/2016
Benzo(a)pyrene	0.00010		0.00293	0.00500C	0	58.7	0.003251	10.28	12/22/2016
Benzo(b)fluoranthene	0.00010		0.00310	0.00500C	0	62.0	0.003252	4.82	12/22/2016
Benzo(g,h,i)perylene	0.00010		0.00297	0.00500C	0	59.3	0.003104	4.55	12/22/2016
Benzo(k)fluoranthene	0.00010		0.00276	0.00500C	0	55.1	0.003204	15.03	12/22/2016
Chrysene	0.00010		0.00276	0.00500C	0	55.3	0.003185	14.15	12/22/2016
Dibenzo(a,h)anthracene	0.00010		0.00282	0.00500C	0	56.4	0.003138	10.60	12/22/2016
Fluoranthene	0.00010		0.00280	0.00500C	0	56.0	0.003161	12.11	12/22/2016
Fluorene	0.00010		0.00328	0.00500C	0	65.6	0.003677	11.38	12/22/2016
Indeno(1,2,3-cd)pyrene	0.00010		0.00284	0.00500C	0	56.7	0.003130	9.89	12/22/2016
Naphthalene	0.00010		0.00289	0.00500C	0	57.9	0.002985	3.13	12/22/2016
Phenanthrene	0.00010		0.00282	0.00500C	0	56.4	0.003016	6.72	12/22/2016
Pyrene	0.00010		0.00277	0.00500C	0	55.4	0.003095	11.08	12/22/2016
Surr: 2-Fluorobiphenyl			0.00265	0.00500C		53.0			12/22/2016
Surr: Nitrobenzene-d5			0.00221	0.00500C		44.3			12/22/2016
Surr: p-Terphenyl-d14			0.00229	0.00500C		45.8			12/22/2016



Quality Control Results

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Client: PSC Industrial Outsourcing, LP

Work Order: 16121169

Client Project: Champaign FMGP Q4 2016 Groundwater

Report Date: 27-Dec-16

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

Batch 125562 **SampType: MBLK** Units mg/L
 SampID: MBLK-125562

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene	0.00010		ND						12/22/2016
Acenaphthene	0.00010		ND						12/22/2016
Acenaphthylene	0.00010		ND						12/22/2016
Anthracene	0.00010		ND						12/22/2016
Anthracene	0.00010		ND						12/22/2016
Benzo(a)anthracene	0.00010		ND						12/22/2016
Benzo(a)pyrene	0.00010		ND						12/22/2016
Benzo(b)fluoranthene	0.00010		ND						12/22/2016
Benzo(g,h,i)perylene	0.00010		ND						12/22/2016
Benzo(k)fluoranthene	0.00010		ND						12/22/2016
Chrysene	0.00010		ND						12/22/2016
Dibenzo(a,h)anthracene	0.00010		ND						12/22/2016
Fluoranthene	0.00010		ND						12/22/2016
Fluoranthene	0.00010		ND						12/22/2016
Fluorene	0.00010		ND						12/22/2016
Fluorene	0.00010		ND						12/22/2016
Indeno(1,2,3-cd)pyrene	0.00010		ND						12/22/2016
Naphthalene	0.00010		ND						12/22/2016
Naphthalene	0.00010		ND						12/22/2016
Phenanthrene	0.00010		ND						12/22/2016
Phenanthrene	0.00010		ND						12/22/2016
Pyrene	0.00010		ND						12/22/2016
Pyrene	0.00010		ND						12/22/2016
Surr: 2-Fluorobiphenyl			0.00409	0.00500C		81.8	41.4	103	12/22/2016
Surr: 2-Fluorobiphenyl			0.00302	0.00500C		60.5	36.7	93.3	12/22/2016
Surr: Nitrobenzene-d5			0.00322	0.00500C		64.4	38.4	96.2	12/22/2016
Surr: Nitrobenzene-d5			0.00407	0.00500C		81.4	43.5	100	12/22/2016
Surr: p-Terphenyl-d14			0.00484	0.00500C		96.8	44.4	114	12/22/2016
Surr: p-Terphenyl-d14			0.00334	0.00500C		66.8	40.5	111	12/22/2016



Quality Control Results

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Client: PSC Industrial Outsourcing, LP

Work Order: 16121169

Client Project: Champaign FMGP Q4 2016 Groundwater

Report Date: 27-Dec-16

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

Batch 125562		SampType: LCS		Units mg/L					
SampID: LCS-125562									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene	0.00010		0.00498	0.00500C	0	99.6	53.5	111	12/22/2016
Acenaphthene	0.00010		0.00368	0.00500C	0	73.6	33.2	114	12/22/2016
Acenaphthylene	0.00010		0.00385	0.00500C	0	77.0	33.5	115	12/22/2016
Anthracene	0.00010		0.00341	0.00500C	0	68.3	35.1	113	12/22/2016
Anthracene	0.00010		0.00414	0.00500C	0	82.8	49.4	119	12/22/2016
Benzo(a)anthracene	0.00010		0.00345	0.00500C	0	69.0	32.1	125	12/22/2016
Benzo(a)pyrene	0.00010		0.00352	0.00500C	0	70.3	35.3	120	12/22/2016
Benzo(b)fluoranthene	0.00010		0.00357	0.00500C	0	71.4	38	119	12/22/2016
Benzo(g,h,i)perylene	0.00010		0.00357	0.00500C	0	71.5	40.1	114	12/22/2016
Benzo(k)fluoranthene	0.00010		0.00362	0.00500C	0	72.4	38.1	119	12/22/2016
Chrysene	0.00010		0.00351	0.00500C	0	70.3	39.6	116	12/22/2016
Dibenzo(a,h)anthracene	0.00010		0.00358	0.00500C	0	71.5	38.9	114	12/22/2016
Fluoranthene	0.00010		0.00340	0.00500C	0	68.0	35.5	117	12/22/2016
Fluoranthene	0.00010		0.00440	0.00500C	0	88.0	57.1	121	12/22/2016
Fluorene	0.00010		0.00379	0.00500C	0	75.7	40.3	110	12/22/2016
Fluorene	0.00010		0.00445	0.00500C	0	89.0	53.3	117	12/22/2016
Indeno(1,2,3-cd)pyrene	0.00010		0.00353	0.00500C	0	70.6	40.4	115	12/22/2016
Naphthalene	0.00010		0.00329	0.00500C	0	65.8	28.9	106	12/22/2016
Naphthalene	0.00010		0.00377	0.00500C	0	75.4	47.8	109	12/22/2016
Phenanthrene	0.00010		0.00339	0.00500C	0	67.8	35	112	12/22/2016
Phenanthrene	0.00010		0.00434	0.00500C	0	86.8	51.9	119	12/22/2016
Pyrene	0.00010		0.00442	0.00500C	0	88.4	52.5	124	12/22/2016
Pyrene	0.00010		0.00347	0.00500C	0	69.5	34.4	116	12/22/2016
Surr: 2-Fluorobiphenyl			0.00361	0.00500C		72.2	41.4	103	12/22/2016
Surr: 2-Fluorobiphenyl			0.00297	0.00500C		59.5	36.7	93.3	12/22/2016
Surr: Nitrobenzene-d5			0.00403	0.00500C		80.6	43.5	100	12/22/2016
Surr: Nitrobenzene-d5			0.00330	0.00500C		65.9	38.4	96.2	12/22/2016
Surr: p-Terphenyl-d14			0.00399	0.00500C		79.8	44.4	114	12/22/2016
Surr: p-Terphenyl-d14			0.00316	0.00500C		63.2	40.5	111	12/22/2016



Quality Control Results

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Client: PSC Industrial Outsourcing, LP

Work Order: 16121169

Client Project: Champaign FMGP Q4 2016 Groundwater

Report Date: 27-Dec-16

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 125562 SampType: LCSD Units mg/L RPD Limit 40									
SampID: LCSD-125562									
Acenaphthene	0.00010		0.00546	0.00500C	0	109.2	0.004980	9.20	12/22/2016
Acenaphthene	0.00010		0.00395	0.00500C	0	78.9	0.003682	6.95	12/22/2016
Acenaphthylene	0.00010		0.00402	0.00500C	0	80.4	0.003851	4.32	12/22/2016
Anthracene	0.00010		0.00447	0.00500C	0	89.4	0.004140	7.67	12/22/2016
Anthracene	0.00010		0.00368	0.00500C	0	73.6	0.003413	7.58	12/22/2016
Benzo(a)anthracene	0.00010		0.00371	0.00500C	0	74.1	0.003451	7.15	12/22/2016
Benzo(a)pyrene	0.00010		0.00377	0.00500C	0	75.3	0.003517	6.86	12/22/2016
Benzo(b)fluoranthene	0.00010		0.00379	0.00500C	0	75.8	0.003571	5.98	12/22/2016
Benzo(g,h,i)perylene	0.00010		0.00372	0.00500C	0	74.5	0.003574	4.11	12/22/2016
Benzo(k)fluoranthene	0.00010		0.00382	0.00500C	0	76.4	0.003622	5.29	12/22/2016
Chrysene	0.00010		0.00377	0.00500C	0	75.4	0.003513	7.06	12/22/2016
Dibenzo(a,h)anthracene	0.00010		0.00380	0.00500C	0	75.9	0.003575	5.97	12/22/2016
Fluoranthene	0.00010		0.00371	0.00500C	0	74.2	0.003400	8.72	12/22/2016
Fluoranthene	0.00010		0.00467	0.00500C	0	93.4	0.004400	5.95	12/22/2016
Fluorene	0.00010		0.00431	0.00500C	0	86.3	0.003786	13.04	12/22/2016
Fluorene	0.00010		0.00493	0.00500C	0	98.6	0.004450	10.23	12/22/2016
Indeno(1,2,3-cd)pyrene	0.00010		0.00376	0.00500C	0	75.2	0.003531	6.31	12/22/2016
Naphthalene	0.00010		0.00355	0.00500C	0	71.1	0.003288	7.75	12/22/2016
Naphthalene	0.00010		0.00403	0.00500C	0	80.6	0.003770	6.67	12/22/2016
Phenanthrene	0.00010		0.00357	0.00500C	0	71.4	0.003389	5.20	12/22/2016
Phenanthrene	0.00010		0.00464	0.00500C	0	92.8	0.004340	6.68	12/22/2016
Pyrene	0.00010		0.00360	0.00500C	0	72.0	0.003474	3.56	12/22/2016
Pyrene	0.00010		0.00474	0.00500C	0	94.8	0.004420	6.99	12/22/2016
Surr: 2-Fluorobiphenyl			0.00382	0.00500C		76.4			12/22/2016
Surr: 2-Fluorobiphenyl			0.00320	0.00500C		64.0			12/22/2016
Surr: Nitrobenzene-d5			0.00422	0.00500C		84.4			12/22/2016
Surr: Nitrobenzene-d5			0.00367	0.00500C		73.4			12/22/2016
Surr: p-Terphenyl-d14			0.00331	0.00500C		66.1			12/22/2016
Surr: p-Terphenyl-d14			0.00418	0.00500C		83.6			12/22/2016



Quality Control Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 16121169

Client Project: Champaign FMGP Q4 2016 Groundwater

Report Date: 27-Dec-16

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

Batch 125562		SampType: MS		Units mg/L						Date Analyzed
SampID: 16121169-027AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.00010		0.00446	0.00500C	0	89.3	40.1	107	12/22/2016	
Acenaphthylene	0.00010		0.00361	0.00500C	0	72.3	39.3	109	12/22/2016	
Anthracene	0.00010		0.00317	0.00500C	0	63.4	40.6	99.7	12/22/2016	
Benzo(a)anthracene	0.00010		0.00330	0.00500C	0	65.9	35.8	109	12/22/2016	
Benzo(a)pyrene	0.00010		0.00334	0.00500C	0	66.8	43.1	103	12/22/2016	
Benzo(b)fluoranthene	0.00010		0.00340	0.00500C	0	68.0	43.8	99.5	12/22/2016	
Benzo(g,h,i)perylene	0.00010		0.00330	0.00500C	0	66.0	42.7	105	12/22/2016	
Benzo(k)fluoranthene	0.00010		0.00332	0.00500C	0	66.4	44	101	12/22/2016	
Chrysene	0.00010		0.00326	0.00500C	0	65.1	42.2	108	12/22/2016	
Dibenzo(a,h)anthracene	0.00010		0.00334	0.00500C	0	66.8	42.2	106	12/22/2016	
Fluoranthene	0.00010		0.00353	0.00500C	0	70.7	40	107	12/22/2016	
Fluorene	0.00010		0.00365	0.00500C	0	72.9	43.6	105	12/22/2016	
Indeno(1,2,3-cd)pyrene	0.00010		0.00331	0.00500C	0	66.2	42.8	106	12/22/2016	
Naphthalene	0.00010		0.00294	0.00500C	0	58.9	40	89.4	12/22/2016	
Phenanthrene	0.00010		0.00320	0.00500C	0	63.9	40.6	99.2	12/22/2016	
Pyrene	0.00010		0.00320	0.00500C	0	64.0	40.1	103	12/22/2016	
Surr: 2-Fluorobiphenyl			0.00270	0.00500C		54.1	31.4	90.2	12/22/2016	
Surr: Nitrobenzene-d5			0.00282	0.00500C		56.4	29.2	88.6	12/22/2016	
Surr: p-Terphenyl-d14			0.00285	0.00500C		57.0	15.1	107	12/22/2016	

Batch 125562		SampType: MSD		Units mg/L				RPD Limit 50		Date Analyzed
SampID: 16121169-027AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Acenaphthene	0.00010		0.00428	0.00500C	0	85.6	0.004464	4.21	12/22/2016	
Acenaphthylene	0.00010		0.00348	0.00500C	0	69.6	0.003614	3.72	12/22/2016	
Anthracene	0.00010		0.00325	0.00500C	0	65.0	0.003168	2.49	12/22/2016	
Benzo(a)anthracene	0.00010		0.00326	0.00500C	0	65.2	0.003295	1.13	12/22/2016	
Benzo(a)pyrene	0.00010		0.00330	0.00500C	0	66.0	0.003338	1.18	12/22/2016	
Benzo(b)fluoranthene	0.00010		0.00339	0.00500C	0	67.8	0.003402	0.35	12/22/2016	
Benzo(g,h,i)perylene	0.00010		0.00325	0.00500C	0	65.1	0.003299	1.40	12/22/2016	
Benzo(k)fluoranthene	0.00010		0.00328	0.00500C	0	65.6	0.003318	1.15	12/22/2016	
Chrysene	0.00010		0.00321	0.00500C	0	64.2	0.003255	1.36	12/22/2016	
Dibenzo(a,h)anthracene	0.00010		0.00330	0.00500C	0	66.0	0.003339	1.11	12/22/2016	
Fluoranthene	0.00010		0.00350	0.00500C	0	70.0	0.003534	0.91	12/22/2016	
Fluorene	0.00010		0.00349	0.00500C	0	69.8	0.003647	4.40	12/22/2016	
Indeno(1,2,3-cd)pyrene	0.00010		0.00324	0.00500C	0	64.9	0.003309	1.95	12/22/2016	
Naphthalene	0.00010		0.00294	0.00500C	0	58.8	0.002944	0.14	12/22/2016	
Phenanthrene	0.00010		0.00322	0.00500C	0	64.4	0.003197	0.69	12/22/2016	
Pyrene	0.00010		0.00315	0.00500C	0	63.0	0.003201	1.61	12/22/2016	
Surr: 2-Fluorobiphenyl			0.00274	0.00500C		54.8			12/22/2016	
Surr: Nitrobenzene-d5			0.00292	0.00500C		58.3			12/22/2016	
Surr: p-Terphenyl-d14			0.00284	0.00500C		56.7			12/22/2016	

Client: PSC Industrial Outsourcing, LP

Work Order: 16121169

Client Project: Champaign FMGP Q4 2016 Groundwater

Report Date: 27-Dec-16

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

Batch 125437		SampType: MBLK		Units µg/L						Date Analyzed
SampID: MBLK-N161219A-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	2.0		ND						12/19/2016	
Ethylbenzene	5.0		ND						12/19/2016	
Toluene	5.0		ND						12/19/2016	
Xylenes, Total	5.0		ND						12/19/2016	
Surr: 1,2-Dichloroethane-d4			50.1	50.00		100.2	74.7	129	12/19/2016	
Surr: 4-Bromofluorobenzene			48.8	50.00		97.5	86	119	12/19/2016	
Surr: Dibromofluoromethane			49.6	50.00		99.2	81.7	123	12/19/2016	
Surr: Toluene-d8			47.4	50.00		94.9	84.3	114	12/19/2016	

Batch 125437		SampType: LCSD		Units µg/L		RPD Limit 40				Date Analyzed
SampID: LCSD-N161219A-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Benzene	2.0		56.6	50.00	0	113.2	56.62	0.02	12/19/2016	
Ethylbenzene	5.0		47.0	50.00	0	94.1	54.46	14.62	12/19/2016	
Toluene	5.0		47.1	50.00	0	94.1	52.64	11.17	12/19/2016	
Xylenes, Total	5.0		150	150.0	0	100.1	162.0	7.53	12/19/2016	
Surr: 1,2-Dichloroethane-d4			50.5	50.00		101.1			12/19/2016	
Surr: 4-Bromofluorobenzene			48.8	50.00		97.6			12/19/2016	
Surr: Dibromofluoromethane			52.1	50.00		104.3			12/19/2016	
Surr: Toluene-d8			45.9	50.00		91.8			12/19/2016	

Batch 125437		SampType: LCS		Units µg/L						Date Analyzed
SampID: LCS-N161219A-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	2.0		56.6	50.00	0	113.2	80	114	12/19/2016	
Ethylbenzene	5.0		54.5	50.00	0	108.9	77.2	113	12/19/2016	
Toluene	5.0		52.6	50.00	0	105.3	77.5	113	12/19/2016	
Xylenes, Total	5.0		162	150.0	0	108.0	80.1	111	12/19/2016	
Surr: 1,2-Dichloroethane-d4			48.2	50.00		96.4	74.7	129	12/19/2016	
Surr: 4-Bromofluorobenzene			48.5	50.00		97.0	86	119	12/19/2016	
Surr: Dibromofluoromethane			51.2	50.00		102.4	81.7	123	12/19/2016	
Surr: Toluene-d8			48.1	50.00		96.1	84.1	114	12/19/2016	

Batch 125437		SampType: MS		Units µg/L						Date Analyzed
SampID: 16121169-020CMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	2.0		53.4	50.00	0	106.8	62.5	121	12/19/2016	
Ethylbenzene	5.0		50.3	50.00	0	100.7	74.4	130	12/19/2016	
Toluene	5.0		47.7	50.00	0	95.4	69.5	118	12/19/2016	
Xylenes, Total	5.0		99.2	100.0	0	99.2	71.1	125	12/19/2016	
Surr: 1,2-Dichloroethane-d4			52.4	50.00		104.8	74.7	129	12/19/2016	
Surr: 4-Bromofluorobenzene			51.5	50.00		103.1	86	119	12/19/2016	
Surr: Dibromofluoromethane			51.7	50.00		103.4	81.7	123	12/19/2016	
Surr: Toluene-d8			47.7	50.00		95.4	84.3	114	12/19/2016	

Client: PSC Industrial Outsourcing, LP

Work Order: 16121169

Client Project: Champaign FMGP Q4 2016 Groundwater

Report Date: 27-Dec-16

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

Batch 125437		SampType: MSD		Units µg/L				RPD Limit 20		Date Analyzed
SampID: 16121169-020CMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Benzene	2.0		51.3	50.00	0	102.6	53.40	4.03	12/19/2016	
Ethylbenzene	5.0		49.4	50.00	0	98.8	50.33	1.87	12/19/2016	
Toluene	5.0		46.0	50.00	0	92.1	47.69	3.50	12/19/2016	
Xylenes, Total	5.0		95.7	100.0	0	95.7	99.18	3.56	12/19/2016	
Surr: 1,2-Dichloroethane-d4			54.4	50.00		108.8			12/19/2016	
Surr: 4-Bromofluorobenzene			48.5	50.00		97.0			12/19/2016	
Surr: Dibromofluoromethane			52.9	50.00		105.9			12/19/2016	
Surr: Toluene-d8			49.7	50.00		99.3			12/19/2016	

Batch 125480		SampType: MBLK		Units µg/L						Date Analyzed
SampID: MBLK-N161219A-2										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	2.0		ND						12/19/2016	
Ethylbenzene	5.0		ND						12/19/2016	
Toluene	5.0		ND						12/19/2016	
Xylenes, Total	5.0		ND						12/19/2016	
Surr: 1,2-Dichloroethane-d4			52.7	50.00		105.4	74.7	129	12/19/2016	
Surr: 4-Bromofluorobenzene			52.9	50.00		105.8	86	119	12/19/2016	
Surr: Dibromofluoromethane			52.1	50.00		104.3	81.7	123	12/19/2016	
Surr: Toluene-d8			45.8	50.00		91.7	84.3	114	12/19/2016	

Batch 125480		SampType: LCS		Units µg/L						Date Analyzed
SampID: LCS-N161219A-2										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	2.0		51.7	50.00	0	103.5	80	114	12/19/2016	
Ethylbenzene	5.0		46.3	50.00	0	92.6	77.2	113	12/19/2016	
Toluene	5.0		44.8	50.00	0	89.5	77.5	113	12/19/2016	
Xylenes, Total	5.0		141	150.0	0	93.8	80.1	111	12/19/2016	
Surr: 1,2-Dichloroethane-d4			51.3	50.00		102.6	74.7	129	12/19/2016	
Surr: 4-Bromofluorobenzene			48.1	50.00		96.3	86	119	12/19/2016	
Surr: Dibromofluoromethane			52.0	50.00		103.9	81.7	123	12/19/2016	
Surr: Toluene-d8			47.2	50.00		94.4	84.1	114	12/19/2016	

Batch 125480		SampType: MS		Units µg/L						Date Analyzed
SampID: 16121169-027CMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	2.0		49.6	50.00	0	99.1	62.5	121	12/20/2016	
Ethylbenzene	5.0		47.7	50.00	0	95.4	74.4	130	12/20/2016	
Toluene	5.0		45.2	50.00	0	90.3	69.5	118	12/20/2016	
Xylenes, Total	5.0		93.6	100.0	0	93.6	71.1	125	12/20/2016	
Surr: 1,2-Dichloroethane-d4			52.2	50.00		104.4	74.7	129	12/20/2016	
Surr: 4-Bromofluorobenzene			51.1	50.00		102.2	86	119	12/20/2016	
Surr: Dibromofluoromethane			52.0	50.00		103.9	81.7	123	12/20/2016	
Surr: Toluene-d8			48.1	50.00		96.3	84.3	114	12/20/2016	

Client: PSC Industrial Outsourcing, LP

Work Order: 16121169

Client Project: Champaign FMGP Q4 2016 Groundwater

Report Date: 27-Dec-16

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

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Batch 125480 SampType: MSD Units µg/L RPD Limit 20 SampID: 16121169-027CMSD									
Benzene	2.0		51.3	50.00	0	102.7	49.57	3.49	12/20/2016
Ethylbenzene	5.0		47.5	50.00	0	94.9	47.71	0.50	12/20/2016
Toluene	5.0		42.3	50.00	0	84.6	45.17	6.59	12/20/2016
Xylenes, Total	5.0		88.9	100.0	0	88.9	93.56	5.13	12/20/2016
Surr: 1,2-Dichloroethane-d4			55.0	50.00		110.1			12/20/2016
Surr: 4-Bromofluorobenzene			50.0	50.00		100.1			12/20/2016
Surr: Dibromofluoromethane			53.6	50.00		107.3			12/20/2016
Surr: Toluene-d8			46.4	50.00		92.8			12/20/2016



Receiving Check List

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

Client: PSC Industrial Outsourcing, LP

Work Order: 16121169

Client Project: Champaign FMGP Q4 2016 Groundwater

Report Date: 27-Dec-16

Carrier: Scott Jander

Received By: KF

Completed by:

Reviewed by:

On:

19-Dec-16

Amber M. Dilallo

On:

20-Dec-16

Elizabeth A. Hurley

Pages to follow: Chain of custody

Extra pages included

- Shipping container/cooler in good condition? Yes No Not Present Temp °C **1.42**
- 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-106R is labeled as collected at 15:25. UMW-902 is labeled as collected on 12/15/16. UMW-118 is labeled as collected on 12/15/16. AMD/EAH 12/19/16

Brandon Teel was notified of these errors via voicemail. AMD 12/19/16 9:15AM

Per Daniel Wheaton, UMW-106R should be reported as collected at 17:25, UMW-118 should be reported as collected on 12/15/16, and UMW-902 should be reported as collected on 12/15/16. AMD 12/20/16

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 # 16121169

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

Client: PSC Industrial Outsourcing, LP
Address: 210 West Sand Bank Road
 Columbia, IL 62236-0230
City / State / Zip: Columbia, IL 62236-0230
Contact: Michael Grutcher BRANDON TEEEL Phone: (618) 281-7173
E-Mail: mgrutcher@pscnow.com Fax: (618) 281-5120
 Brandon TEEEL

Samples on: ICE BLUE ICE NO ICE **1.48** °C
Preserved in: LAB FIELD **12/14/16 FOR LAB USE ONLY**
Lab Notes: UMW-106R, final on cont. 12/15/16. UMW-108A
 date on cont. 12/15/16. OMO 12/19/16

Client Comments: ~~RO's~~ equal to or less than TACO Tier 1
 OK needspace OMO 12/19/16

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

Project Name/Number	Sample Collector's Name	Billing Instructions	# and Type of Containers								Date/Time	Date/Time	
			UNPRES	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	OTHER			
10021169	J. ALLEN, S. JANDERS, D. WHEATON	Cindy Grohman	1	1	2								
002		12/15/16 09:15	1	1	2								
003		12/13/16 18:00	1	1	2								
004		12/14/16 17:25	1	1	2								
005		12/15/16 19:10	1	1	2								
006		12/15/16 11:15	1	1	2								
007		12/15/16 12:00	1	1	2								
008		12/14/16 15:20	1	1	2								
009		12/15/16 12:50	1	1	2								
009		12/15/16 15:40	1	1	2								

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

Relinquished By: *Sarah P...* **Date/Time:** 12/16/16 @ 17:11
Received By: *[Signature]* **Date/Time:** 12/16/16 17:11

CHAIN OF CUSTODY

pg. 2 of 4 Work order # 1627169

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

Client: PSC Industrial Outsourcing, LP
Address: 210 West Sand Bank Road
 Columbia, IL 62236-0230
City / State / Zip:
Contact: Michael Crutcher - BRANDON TEEL Phone: (618) 281-7173
E-Mail: mcrutcher@pscnow.com Fax: (618) 281-5120
 Brandon Teel

Samples on: ICE BLUE ICE NO ICE _____ °C
Preserved in: LAB FIELD **FOR LAB USE ONLY**
Lab Notes:
 * UMMN-118: Added as collected 12/15/16 9AM 12/19/16

Client Comments: ROS Equal or Less than TACO Tier 1

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

Project Name/Number		Sample Collector's Name		INDICATE ANALYSIS REQUESTED	
Champaign FMGP Q4 2016 Groundwater		J. Aiken, S. JANDERS, D. WHEATON			
Results Requested	Sample Identification	Date/Time Sampled	# and Type of Containers		
			OTHER	NaHSO4	MeOH
Lab Use Only	Billing Instructions	UNPRES	HNO3	NaOH	H2SO4
Standard <input type="checkbox"/> 1-2 Day (100% Surcharge) Other <input type="checkbox"/> 3 Day (50% Surcharge)	Cindy Grohman				
U10	U10	12/14/16 1506	1	1	2
O11	U11	12/15/16 1045	1	1	2
O12	U12	12/15/16 1625	1	1	2
O13	U13	12/13/16 1350	1	1	2
O14	U14	12/15/16 1340	1	1	2
O15	U15	12/14/16 1440	1	1	2
O16	U16	12/13/16 1520	1	1	2
O17	U17	12/14/16 1140	1	1	2

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

Refiniquished By	Date/Time	Received By	Date/Time
Sean Daniels	12/16/16 @ 17:11	Koralee	12/16/16 17:11

CHAIN OF CUSTODY

pg. 3 of 4 Work order # 10/21/09

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

Client: PSC Industrial Outsourcing, LP
Address: 210 West Sand Bank Road
 Columbia, IL 62236-0230
Contact: Michael Crutcher BRANDON TEEC Phone: (618) 281-7173
E-Mail: mcrutcher@pscnow.com Fax: (618) 281-5120

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

Client Comments: ROS equal or less than Taco Tier 1

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

Project Name/Number
 Champaign FMGP Q4 2016 Groundwater

Sample Collector's Name
 J. Aiken, S. Jander, D. Winters

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

Billing Instructions
 Cindy Carohn

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers											
			UNPRES	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	OTHER				
10/21/09	UW-127	12/14/16 0940	1		1			2						
019	UW-300	12/14/16 1640	1		1			2						
020	UW-301R	12/14/16 1030	1		1			2						
021	UW-302	12/13/16 1520	1		1			2						
022	UW-303	12/15/16 0955	1		1			2						
023	UW-304R	12/13/16 1640	1		1			2						
024	UW-305	12/14/16 1510	1		1			2						
025	UW-306	12/14/16 1335	1		1			2						
026	UW-307	12/14/16 1125	1		1			2						


Relinquished By: *Sarah Carohn* **Date/Time:** 12/16/16 @ 17:11

Received By: *K. Aiken* **Date/Time:** 12/16/16 17:11

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

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.

Bottle Order: 34847



CHAIN OF CUSTODY

pg. 4 of 4 Work order # 16121169

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

Client: PSC Industrial Outsourcing, LP
Address: 210 West Sand Bank Road
 Columbia, IL 62236-0230
City / State / Zip: _____
Contact: Michael-Crutcher, BRANDON TEEL Phone: (618) 281-7173
E-Mail: mcrutcher@pscnow.com Fax: (618) 281-5120
 BRANDON TEEL

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

Client Comments: ROS Equal or LESS than TACO Tier 1

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

Project Name/Number: Champaign FMGP Q4 2016 Groundwater
Sample Collector's Name: J. AIKENI S. JANDER, D. WHEATON

Results Requested: Standard 1-2 Day (100% Surcharge) 3 Day (50% Surcharge)
Lab Use Only: _____
Billing Instructions: CINDY GRADYMAN
Date/Time Sampled: 12/14/16 1340
 12/14/16 1535
 12/16/16 16:25
 LAB
 LAB

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

Reinquished By: *[Signature]* **Date/Time:** 12/16/16 @ 17:11
Received By: *[Signature]* **Date/Time:** 12/16/16 17:11

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.

Bottle Order: 34847

