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August 20, 2014

Mr. Greg Dunn  
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. Dunn:

**Subject: Groundwater Monitoring Update – Quarter 2, 2014 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 second quarter 2014 groundwater sampling event at the Champaign Former Manufactured Gas Plant (FMGP) Site. The site is located at 308 N. 5<sup>th</sup> Street in Champaign, Illinois. This report discusses the analytical results of the quarterly groundwater monitoring event conducted in June 2014.

## INTRODUCTION

The second quarterly groundwater monitoring event of 2014 was conducted from June 23 through 26. During the June sampling event, samples were collected from 28 groundwater monitoring wells – the 7 on-site and 21 wells off-site. The samples were delivered to Teklab, Inc. (Teklab) in Collinsville, Illinois for analysis. Samples were analyzed for the following MGP-related compounds: the volatile organic compounds benzene, toluene, ethylbenzene, and total xylenes (BTEX); polynuclear aromatic hydrocarbons (PAHs); and total cyanide (cyanide).

Groundwater level measurement data for the second quarter 2014 sampling event is provided in Table 1 of Attachment 1. Information on the table includes water depth below each well's measuring point, 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 2013 through June 2014 are provided in Attachment 2 and the laboratory analytical data summary and report from Teklab is provided in Attachment 3. Field duplicates were collected from wells UMW-107, UMW-123, and UMW-302, with the duplicates identified as UMW-907, UMW-923, and UMW-902, respectively, on the laboratory analytical report.

## GROUNDWATER MONITORING RESULTS

### Groundwater Levels

Groundwater levels in the shallow monitoring wells at the Champaign FMGP Site in June 2014 (Table 1, Attachment 1) ranged from 2.81 to 10.35 feet below land surface (BLS). The shallowest groundwater levels occurred on-site, with water levels ranging from 2.81 to 4.91 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 June 2014 ranged from 0.007 to 0.02 foot per foot (ft/ft).

Groundwater levels in the nine intermediate depth monitoring wells, which monitor the intermediate groundwater unit, ranged from 26.65 to 29.26 feet BLS. As shown on Figure 2, the intermediate groundwater flow direction is towards the southeast, with horizontal hydraulic gradients beneath the Site of approximately 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 based on the June 2014 sampling event. Four of the 28 monitoring wells sampled in the second quarter of 2014 had at least one MGP-related constituent exceeding Class I or II standards. Shallow well UMW-107 had benzene and cyanide concentrations in exceedance of Class II groundwater standards. Two on-site shallow wells, UMW-124 and UMW-126, also had benzene exceedances. Intermediate depth well UMW-302 had benzene, ethylbenzene, naphthalene, and cyanide concentrations in exceedance of Class I groundwater standards. None of the remaining 16 shallow or 8 intermediate depth monitoring wells within or surrounding the FMGP Site had an exceedance of cyanide, BTEX or PAH compounds in the June 2014 event.

Cyanide concentrations exceeded groundwater standards in wells UMW-107 and UMW-302. Groundwater sampled from UMW-107 had a concentration of 0.761 milligrams per Liter (mg/L) versus the Class II groundwater standard of 0.6 mg/L. For the period of March 2013 through June 2014 the cyanide concentration at well UMW-107 has ranged from 0.411 to 0.862 mg/L (Attachment 2). Groundwater sampled from UMW-302 had a concentration of 0.202 mg/L versus the Class I groundwater standard of 0.20 mg/L. For the period of March 2013 through June 2014 the cyanide concentration at well UMW-302 has ranged from 0.085 to 0.202 mg/L (Attachment 2).

The only monitoring well locations with exceedances of an organic constituent (BTEX or PAHs) in June 2014 were UMW-107, UMW-124, UMW-126 and UMW-302. Shallow well UMW-107, located off-site, had sample concentration of 0.142 mg/L versus a Class II groundwater standard (i.e., remedial objective) of 0.025 mg/L (Figure 4 [Attachment 1]). Shallow wells UMW-124 and UMW-126, located on-site, had benzene concentrations of 0.270 and 0.0318 mg/L respectively, in June 2014. 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 well UMW-302. Well UMW-302 had benzene, ethylbenzene and naphthalene concentrations of 1.6, 1.27, and 1.6 mg/L, respectively, versus Class I groundwater standards of 0.005, 0.700, and 0.140 mg/L. This intermediate depth well, screened 35 to 45 feet below ground surface and separated from the adjacent shallow well UMW-121 by over 20 vertical feet of silty clay, was the only deeper downgradient well monitored in the second quarter of 2014 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 in the twenty-five quarterly monitoring events since first installed and monitored in mid-2008. In addition, none of the three intermediate depth wells installed on-site in June and July 2012 (UMW-301R, UMW-304R, and UMW-308), and sampled for the eighth time in June 2014, had an exceedance of any Class I standards.

Figure 4 shows the benzene concentration in well UMW-302. Benzene concentration moved upward to 1.6 mg/L in the June 2014 sampling event after 18 consecutive quarters of concentrations ranging from 0.237 to 0.614 mg/L. Similarly, ethylbenzene concentration also increased, from 0.666 in March 2014 to 1.27 mg/L in June 2014. The increase in benzene and ethylbenzene concentrations in the June 2014 sampling event were accompanied by a decrease in naphthalene concentration, from 3.26 mg/L in March 2014 to 1.6 mg/L in June 2014. Organic constituents monitored at well UMW-302 will continue to fluctuate in response to remedial activities conducted at the FMGP Site prior to 2014.

## CONCLUSIONS

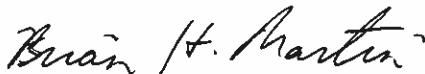
Based on the data collected in June 2014, there is a relatively small off-site area of groundwater with concentrations in exceedance of applicable groundwater standards. The only shallow monitoring wells (i.e., water-table wells) with a Class II groundwater exceedance were UMW-107 off-site, and UMW-124 and UMW-126 on-site. Of the 19 shallow monitoring wells sampled in the 2<sup>nd</sup> Quarter of 2014, wells UMW-107 and UMW-302 were the only wells with an exceedance of cyanide. Wells UMW-107, UMW-124, and UMW-126 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 second quarter of 2014, well UMW-302 had exceedances for benzene, ethylbenzene, and naphthalene. 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 September 2014.

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

Sincerely,



Brian H. Martin, CHMM  
Consulting Environmental Scientist  
Ameren Services

Attachments:    1. Table 1; Figures 1 through 4  
                      2. Groundwater Data from March 2013 through June 2014  
                      3. Laboratory Analytical Reports and Chain of Custodies

cc:                Leslie Hoosier, PSC  
                      Stu Cravens, Kelron  
                      Stan Black, IEPA  
                      File: WM 10.45

## **ATTACHMENT 1**

**Table 1** – Groundwater Level Measurement Data

**Figure 1** – Shallow Zone Groundwater Level Contour Map –  
June, 2014

**Figure 2** – Intermediate Zone Groundwater Level Contour Map –  
June, 2014

**Figure 3** – Exceedances of Class I Groundwater Standards  
June 2014 Sampling Event

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

Table 1  
 Groundwater Measurement Data  
 June 2014 Groundwater Monitoring Report  
 Ameren Illinois  
 Champaign Former MGP Site  
 Champaign, Illinois

Monitoring Well Number	Total Depth (feet)	Monitored Interval (feet BLS)	Elevation (feet NGVD)		June 2014		
			Measuring Point (MP)	Land Surface (LS)	Below MP (feet)	Elevation (feet NGVD)	Purge Volume (Liters)
UMW-102	22.0	6.7 - 22.0	737.32	737.7	5.86	731.46	4.0
UMW-105	19.7	9.5 - 19.7	737.33	737.7	8.75	728.58	3.5
UMW-106 R	17.0	7.0-17.0	737.18	737.4	6.70	730.48	3.0
UMW-107	19.7	9.5 - 19.7	736.88	737.3	5.19	731.69	6.0
UMW-108	15.0	4.8 - 15.0	736.86	737.1	5.04	731.82	3.5
UMW-109	20.0	10.0 - 20.0	735.11	735.5	5.36	729.75	3.5
UMW-111A	22.8	9.0 - 22.8	736.71	737.0	7.92	728.79	2.0
UMW-116	20.0	10.0 - 20.0	736.23	736.5	5.23	731.00	8.0
UMW-117	15.0	5.0 - 15.0	737.53	737.81	6.59	730.94	3.0
UMW-118	15.0	5.0 - 15.0	736.20	736.43	6.27	729.93	4.5
UMW-119	15.0	5.0 - 15.0	736.80	737.09	5.20	731.60	5.0
UMW-120	15.0	5.0 - 15.0	737.02	737.53	5.51	731.51	5.5
UMW-121	15.0	5.0 - 15.0	738.46	738.80	6.98	731.48	12.0
UMW-122	19.75	5.0-15.0	739.15	739.44	10.35	728.80	10.0
UMW-123	15.89	5.89-15.89	737.24	737.53	6.94	730.30	3.0
UMW-124	15.27	4.97-15.02	737.10	737.28	4.07	733.03	10.0
UMW-125	15.33	5.06-15.11	737.92	738.05	4.91	733.01	7.0
UMW-126	15.40	5.13-15.18	736.38	736.55	3.33	733.05	5.0
UMW-127	15.38	5.11-15.16	735.93	736.14	2.81	733.12	4.0
UMW-300	45.0	35.0 - 45.0	736.57	736.79	26.65	709.92	5.0
UMW-301R	46.65	36.5-46.05	736.11	736.20	26.74	709.37	12.0
UMW-302	45.0	35.0 - 45.0	738.58	738.88	29.26	709.32	7.0
UMW-303	45.0	35.0 - 45.0	737.05	737.38	26.88	710.17	6.0
UMW-304R	46.16	36.01-45.56	736.48	736.72	26.98	709.50	5.0
UMW-305	45.0	35.0 - 45.0	737.51	737.74	28.22	709.29	8.0
UMW-306	47.0	37.0 - 47.0	736.90	737.18	27.75	709.15	6.0
UMW-307	47.0	37.0 - 47.0	736.92	737.19	27.79	709.13	7.0
UMW-308	45.29	35.14-44.69	737.21	737.39	27.87	709.34	8.0

Notes:

-- Not measured or sampled.



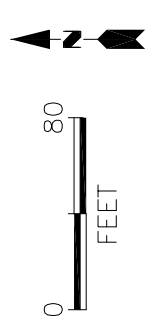
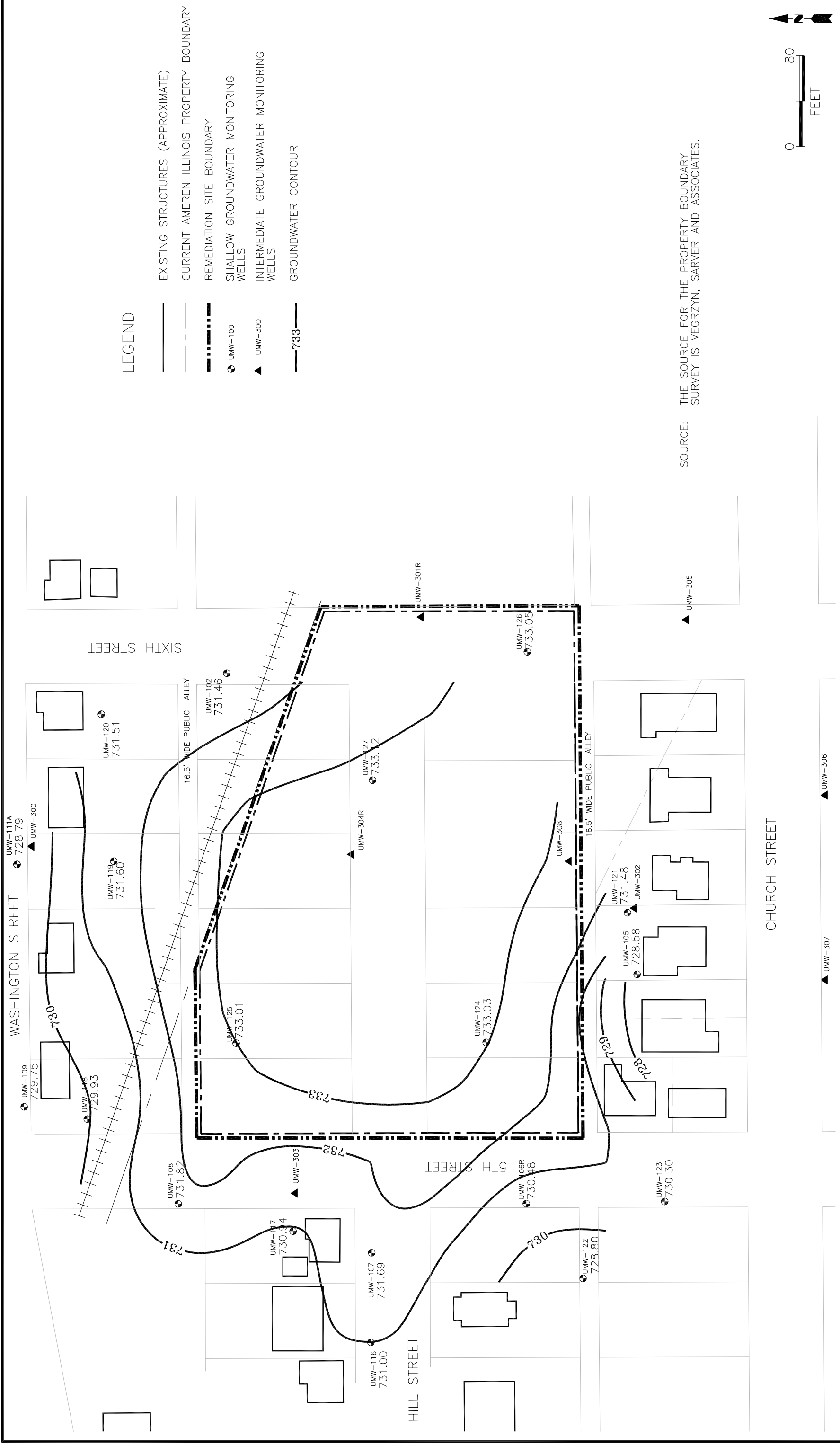
TITLE:  
 SHALLOW ZONE GROUNDWATER LEVEL CONTOUR MAP  
 JUNE 2014  
 CHAMPAIGN, ILLINOIS

PROJECT NO: 62412010008  
 AMEREN ILLINOIS  
 CHAMPAIGN, ILLINOIS

DES: TMM  
 APPD:  
 REV:

DATE: 7/29/14

FIGURE 1





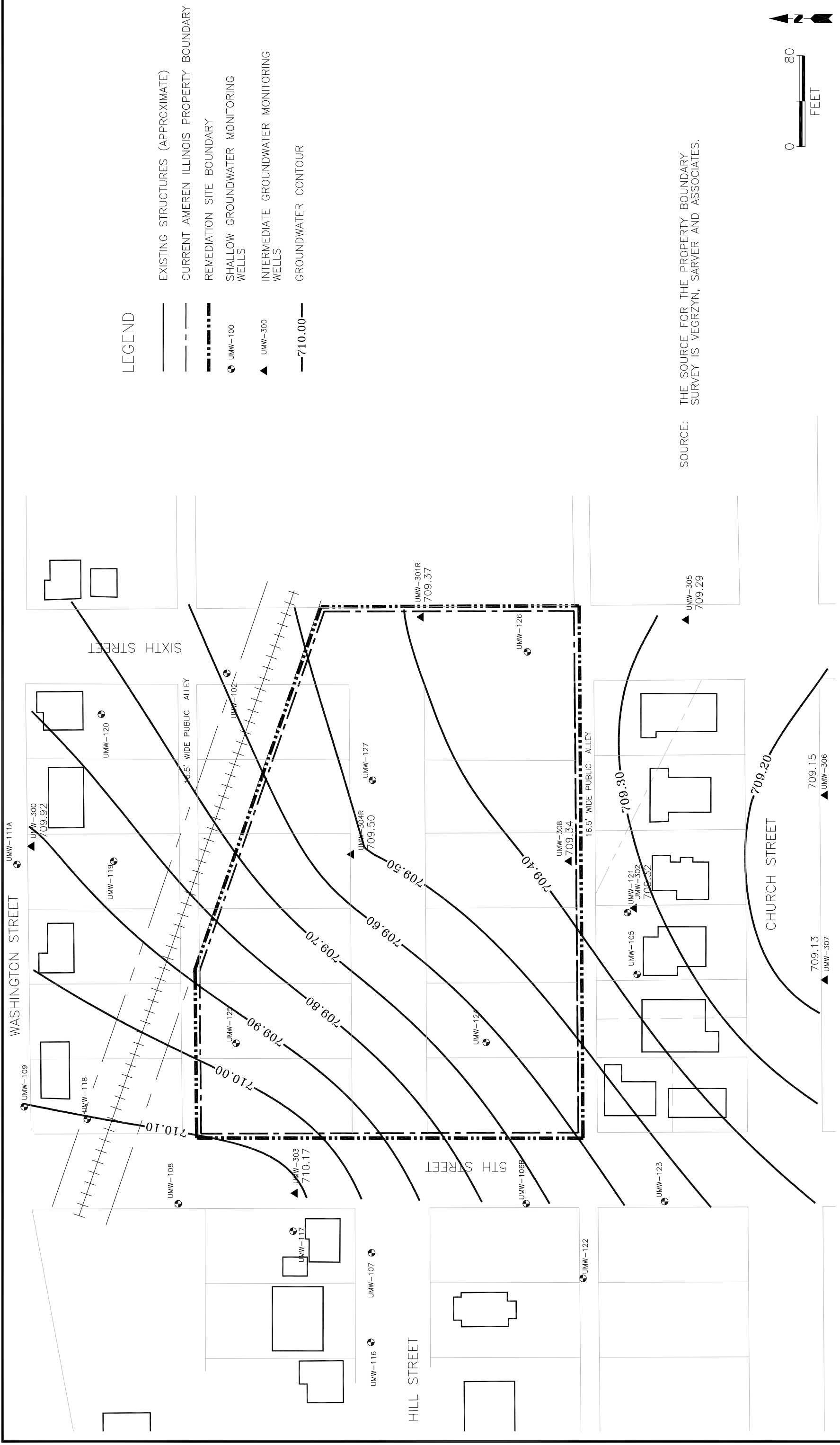
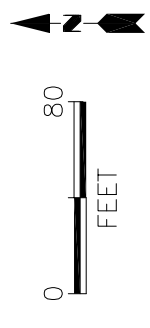
TITLE: INTERMEDIATE ZONE GROUNDWATER LEVEL CONTOUR MAP  
 JUNE 2014  
 CHAMPAIGN, ILLINOIS

DES:	PROJECT NO: 62412010008
TMM	AMEREN ILLINOIS
CHKD:	CHAMPAIGN, ILLINOIS
DATE: 7/29/14	REV:
REV:	FIGURE 2

LEGEND

- EXISTING STRUCTURES (APPROXIMATE)
- - - CURRENT AMEREN ILLINOIS PROPERTY BOUNDARY
- REMEDIATION SITE BOUNDARY
- UMW-100
- ▲ UMW-300
- 710.00— GROUNDWATER CONTOUR
- SHALLOW GROUNDWATER MONITORING WELLS
- ▲ INTERMEDIATE GROUNDWATER MONITORING WELLS

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





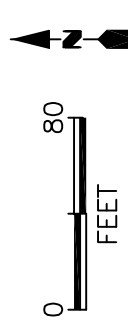
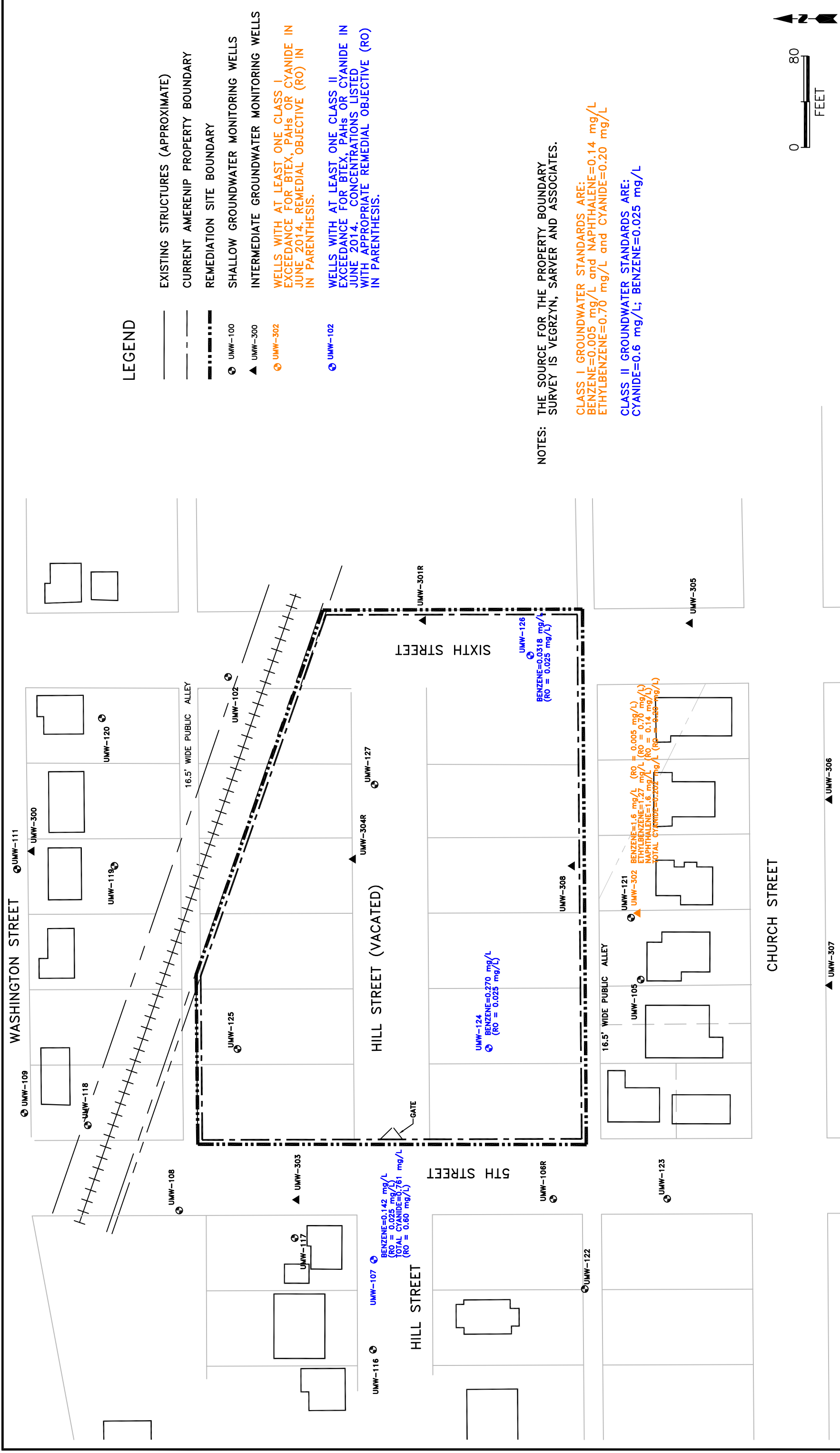
TITLE: EXCEEDANCES OF CLASS I AND CLASS II GROUNDWATER STANDARDS  
JUNE 2014 SAMPLING EVENT  
CHAMPAIGN, ILLINOIS

PROJECT NO: 62412010008

AMEREN ILLINOIS  
CHAMPAIGN, ILLINOIS

FIGURE 3

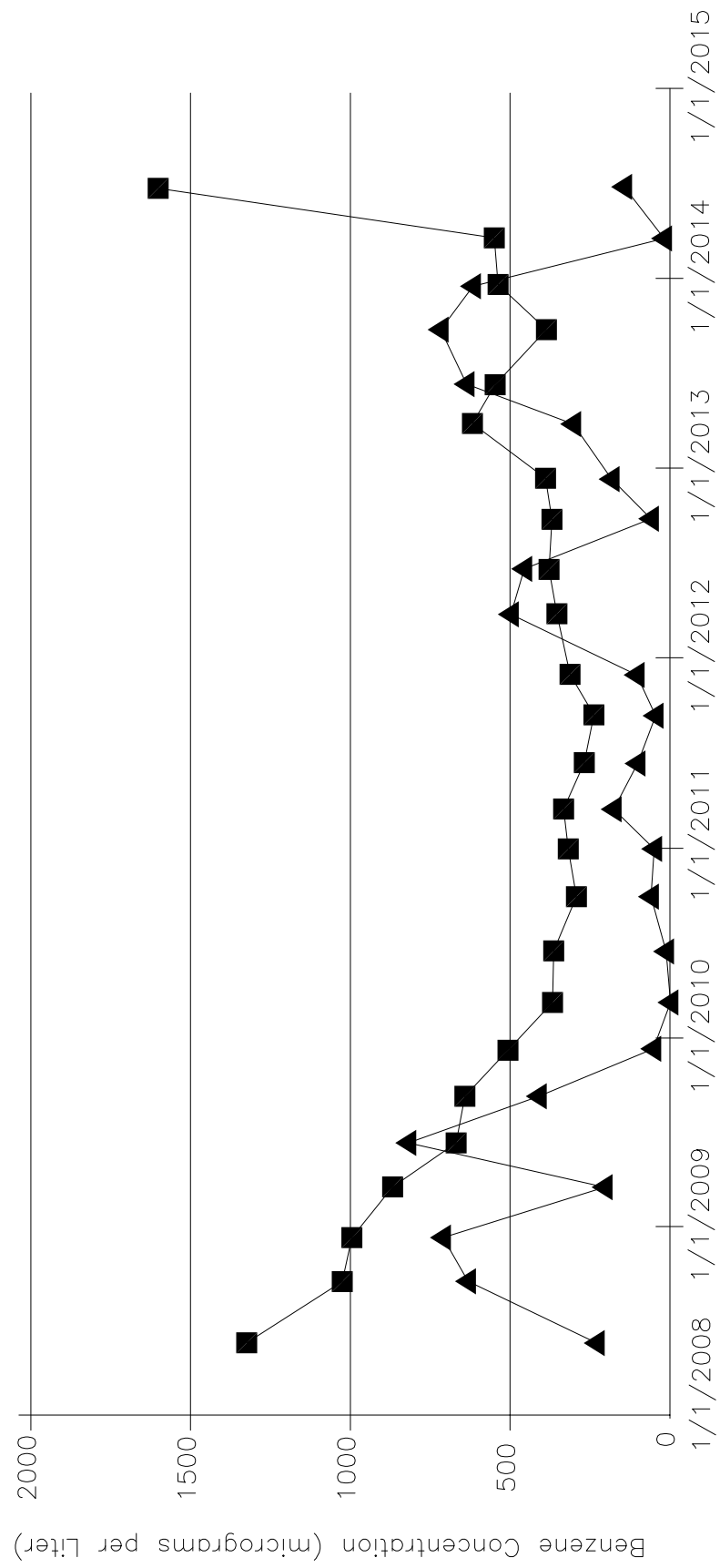
DWN:	TMM	DES:	LH
CHKD:		APPD:	
DATE:	7/29/14	REV:	





LEGEND

- UMW-302
- ▲ UMW-107



Sample Date

	<b>TITLE:</b> BENZENE CONCENTRATION TRENDS IN WELLS EXCEEDING GROUNDWATER STANDARDS THROUGH JUNE 2014		DWN: TMM CHKD: DATE: 7/29/14	DES: APPD: REV: A	PROJECT NO.: 62412010008 AMEREN ILLINOIS CHAMPAIGN, ILLINOIS
	<b>FIGURE 4</b>				

## **ATTACHMENT 2**

Groundwater Data from March 2013 through June 2014

**CH MGP  
Groundwater Monitoring Data: Champaign FMGP Site, Champaign, IL**

Date Range: 01/01/2013 to 06/26/2014

Well Id	Date Sampled	Lab Id	Acenaphthene, ug/L	Acenaphthylene, ug/L	Anthracene, ug/L	Benzene, ug/L	Benzo(a)anthracene, ug/L	Benzo(a)pyrene, ug/L
UMW-102	03/26/2013		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/11/2013		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/25/2013		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	12/18/2013		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	03/18/2014		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
UMW-105	06/24/2014		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	03/27/2013		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/11/2013		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/24/2013		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	12/19/2013		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
UMW-106R	03/19/2014		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/24/2014		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	03/26/2013		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/11/2013		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/24/2013		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
UMW-107	12/17/2013		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	03/19/2014		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/24/2014		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	03/28/2013		<0.100	0.220	0.200	305.000	<0.100	<0.100
	06/12/2013		<0.100	0.160	<0.100	639.000	<0.100	<0.100
UMW-108	09/24/2013		<0.100	0.130	0.120	721.000	<0.100	<0.100
	12/17/2013		0.280	0.130	0.150	617.000	<0.100	<0.100
	03/20/2014		<0.100	0.140	<0.100	20.400	<0.100	<0.100
	06/25/2014		<0.100	0.140	0.120	142.000	<0.100	<0.100
	03/27/2013		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
UMW-109	06/12/2013		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/25/2013		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	12/17/2013		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	03/18/2014		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/25/2014		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
UMW-109	03/26/2013		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/12/2013		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/25/2013		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	12/19/2013		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	03/19/2014		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/25/2014		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100

**CH MGP  
Groundwater Monitoring Data: Champaign FMGP Site, Champaign, IL**

Date Range: 01/01/2013 to 06/26/2014

		Acenaphthene, ug/L	Acenaphthylene, ug/L	Anthracene, ug/L	Benzene, ug/L	Benzo(a)anthracene, ug/L	Benzo(a)pyrene, ug/L
UMW-111A	03/26/2013	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/12/2013	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/25/2013	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	12/18/2013	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	03/18/2014	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/24/2014	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
UMW-116	03/26/2013	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/12/2013	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/24/2013	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	12/17/2013	<0.100	<0.100	<0.100	1.800	<0.100	<0.100
	03/19/2014	<0.420	<0.420	<0.420	<2.000	<0.420	<0.420
	06/25/2014	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
UMW-117	03/27/2013	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/12/2013	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/25/2013	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	12/17/2013	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	03/19/2014	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/25/2014	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
UMW-118	03/28/2013	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/12/2013	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/25/2013	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	12/19/2013	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	03/19/2014	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/25/2014	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
UMW-119	03/26/2013	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/12/2013	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/25/2013	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	12/18/2013	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	03/18/2014	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/24/2014	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
UMW-120	03/26/2013	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/11/2013	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/25/2013	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	12/18/2013	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	03/18/2014	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/24/2014	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100

**CH MGP**  
**Groundwater Monitoring Data: Champaign FMGP Site, Champaign, IL**

Date Range: 01/01/2013 to 06/26/2014

		Acenaphthene, ug/L	Acenaphthylene, ug/L	Anthracene, ug/L	Benzene, ug/L	Benzo(a)anthracene, ug/L	Benzo(a)pyrene, ug/L
UMW-121	03/27/2013	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/11/2013	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/24/2013	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	12/19/2013	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	03/19/2014	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/24/2014	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
UMW-122	03/28/2013	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/21/2013	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/26/2014	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
UMW-123	03/26/2013	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/12/2013	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/23/2013	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	12/17/2013	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	03/19/2014	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/23/2014	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
UMW-124	03/27/2013	0.890	0.650	0.100	243.000	<0.100	<0.100
	06/11/2013	<1.000	<1.000	<1.000	271.000	<1.000	<1.000
	09/24/2013	0.640	0.390	<0.100	53.200	<0.100	<0.100
	12/17/2013	0.490	0.380	<0.100	152.000	<0.100	<0.100
	03/18/2014	0.640	0.450	<0.100	200.000	<0.100	<0.100
	06/26/2014	0.600	0.420	<0.100	270.000	<0.100	<0.100
UMW-125	03/27/2013	<0.100	0.390	<0.100	31.800	<0.100	<0.100
	06/10/2013	0.140	0.100	<0.100	34.000	<0.100	<0.100
	09/24/2013	0.110	<0.100	<0.100	37.200	<0.100	<0.100
	12/18/2013	0.140	<0.100	0.100	48.400	<0.100	<0.100
	03/17/2014	0.120	<0.100	<0.100	18.700	<0.100	<0.100
	06/26/2014	0.130	<0.100	<0.100	20.100	<0.100	<0.100
UMW-126	03/27/2013	<0.100	<0.100	<0.100	3.800	<0.100	<0.100
	06/11/2013	<0.100	0.110	<0.100	19.800	<0.100	<0.100
	09/24/2013	<0.100	<0.100	<0.100	14.800	<0.100	<0.100
	12/17/2013	<0.100	<0.100	<0.100	2.200	<0.100	<0.100
	03/18/2014	<0.100	<0.100	<0.100	3.200	<0.100	<0.100
UMW-127	06/23/2014	<0.100	<0.100	<0.100	31.800	<0.100	<0.100
	03/27/2013	0.190	8.830	0.120	4.300	<0.100	<0.100
	06/11/2013	0.130	7.660	<0.100	4.900	<0.100	<0.100
	09/24/2013	0.160	10.900	<0.100	5.500	<0.100	<0.100

**CH MGP  
Groundwater Monitoring Data: Champaign FMGP Site, Champaign, IL**

Date Range: 01/01/2013 to 06/26/2014

		Acenaphthene, ug/L	Acenaphthylene, ug/L	Anthracene, ug/L	Benzene, ug/L	Benzo(a)anthracene, ug/L	Benzo(a)pyrene, ug/L
UMW-127	12/17/2013	0.300	7.260	0.140	5.100	<0.100	<0.100
	03/18/2014	0.220	4.580	0.100	3.600	<0.100	<0.100
	06/25/2014	0.220	3.180	<0.100	4.500	<0.100	<0.100
UMW-300	03/28/2013	<0.200	<0.200	<0.200	<2.000	<0.200	<0.200
	06/12/2013	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/25/2013	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	12/18/2013	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	03/18/2014	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/24/2014	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	03/27/2013	4.050	5.660	<0.100	<2.000	<0.100	<0.100
UMW-301R	06/11/2013	2.690	3.600	<0.100	<2.000	<0.100	<0.100
	09/24/2013	3.660	4.740	<0.100	<2.000	<0.100	<0.100
	12/17/2013	2.730	3.660	<0.100	<2.000	<0.100	<0.100
	03/18/2014	3.160	4.230	<0.100	<2.000	<0.100	<0.100
	06/23/2014	2.750	3.460	<0.100	<2.000	<0.100	<0.100
	03/27/2013	0.250	0.830	<0.100	614.000	<0.100	<0.100
	06/11/2013	<10.000	<10.000	<10.000	544.000	<10.000	<10.000
UMW-302	09/24/2013	<0.100	0.300	<0.100	384.000	<0.100	<0.100
	12/19/2013	0.140	0.450	<0.100	532.000	<0.100	<0.100
	03/19/2014	0.120	0.410	<0.120	546.000	<0.120	<0.120
	06/24/2014	<0.100	0.290	<0.100	1,600.000	<0.100	<0.100
	03/28/2013	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/13/2013	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/23/2013	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
UMW-303	12/18/2013	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	03/20/2014	<0.170	<0.170	<0.170	<2.000	<0.170	<0.170
	06/25/2014	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	03/27/2013	0.970	2.620	<0.100	<2.000	<0.100	<0.100
	06/10/2013	0.770	2.030	<0.100	<2.000	<0.100	<0.100
	09/24/2013	1.000	2.460	<0.170	<2.000	<0.170	<0.170
	12/18/2013	0.860	2.260	<0.100	<2.000	<0.100	<0.100
UMW-304R	03/18/2014	0.730	1.890	<0.100	<2.000	<0.100	<0.100
	06/25/2014	0.800	2.020	<0.100	<2.000	<0.100	<0.100
	03/26/2013	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/13/2013	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/23/2013	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100

**CH MGP**  
**Groundwater Monitoring Data: Champaign FMGP Site, Champaign, IL**

**Date Range: 01/01/2013 to 06/26/2014**

		Acenaphthene, ug/L	Acenaphthylene, ug/L	Anthracene, ug/L	Benzene, ug/L	Benzo(a)anthracene, ug/L	Benzo(a)pyrene, ug/L
UMW-306	12/18/2013	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	03/19/2014	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/24/2014	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100

**CH MGP  
Groundwater Monitoring Data: Champaign FMGP Site, Champaign, IL**

Date Range: 01/01/2013 to 06/26/2014

Well Id	Date Sampled	Lab Id	Benzo(b)fluoranthene, ug/L	Benzo(g,h,i)perylene, ug/L	Benzo(k)fluoranthene, ug/L	Chrysene, ug/L	CN, total, mg/L	Dibenzo(a,h)anthracene, ug/L
UMW-102	03/26/2013		<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	06/11/2013		<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	09/25/2013		<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	12/18/2013		<0.100	<0.100	<0.100	<0.100	0.029	<0.100
	03/18/2014		<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	06/24/2014		<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
UMW-105	03/27/2013		<0.100	<0.100	<0.100	<0.100	0.086	<0.100
	06/11/2013		<0.100	<0.100	<0.100	<0.100	0.080	<0.100
	09/24/2013		<0.100	<0.100	<0.100	<0.100	0.083	<0.100
	12/19/2013		<0.100	<0.100	<0.100	<0.100	0.071	<0.100
	03/19/2014		<0.100	<0.100	<0.100	<0.100	0.064	<0.100
	06/24/2014		<0.100	<0.100	<0.100	<0.100	0.081	<0.100
UMW-106R	03/26/2013		<0.100	<0.100	<0.100	<0.100	0.034	<0.100
	06/11/2013		<0.100	<0.100	<0.100	<0.100	0.031	<0.100
	09/24/2013		<0.100	<0.100	<0.100	<0.100	0.166	<0.100
	12/17/2013		<0.100	<0.100	<0.100	<0.100	0.026	<0.100
	03/19/2014		<0.100	<0.100	<0.100	<0.100	0.027	<0.100
	06/24/2014		<0.100	<0.100	<0.100	<0.100	0.020	<0.100
UMW-107	03/28/2013		<0.100	<0.100	<0.100	<0.100	0.826	<0.100
	06/12/2013		<0.100	<0.100	<0.100	<0.100	0.817	<0.100
	09/24/2013		<0.100	<0.100	<0.100	<0.100	0.826	<0.100
	12/17/2013		<0.100	<0.100	<0.100	<0.100	0.862	<0.100
	03/20/2014		<0.100	<0.100	<0.100	<0.100	0.411	<0.100
	06/25/2014		<0.100	<0.100	<0.100	<0.100	0.761	<0.100
UMW-108	03/27/2013		<0.100	<0.100	<0.100	<0.100	0.034	<0.100
	06/12/2013		<0.100	<0.100	<0.100	<0.100	0.033	<0.100
	09/25/2013		<0.100	<0.100	<0.100	<0.100	0.027	<0.100
	12/17/2013		<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	03/18/2014		<0.100	<0.100	<0.100	<0.100	0.034	<0.100
	06/25/2014		<0.100	<0.100	<0.100	<0.100	0.029	<0.100
UMW-109	03/26/2013		<0.100	<0.100	<0.100	<0.100	0.008	<0.100
	06/12/2013		<0.100	<0.100	<0.100	<0.100	0.027	<0.100
	09/25/2013		<0.100	<0.100	<0.100	<0.100	0.029	<0.100
	12/19/2013		<0.100	<0.100	<0.100	<0.100	0.037	<0.100
	03/19/2014		<0.100	<0.100	<0.100	<0.100	0.033	<0.100
	06/25/2014		<0.100	<0.100	<0.100	<0.100	0.048	<0.100



**CH MGP  
Groundwater Monitoring Data: Champaign FMGP Site, Champaign, IL**

Date Range: 01/01/2013 to 06/26/2014

		Benzo(b)fluoranthene, ug/L	Benzo(g,h,i)perylene, ug/L	Benzo(k)fluoranthene, ug/L	Chrysene, ug/L	CN, total, mg/L	Dibenzo(a,h)anthracene, ug/L
UMW-111A	03/26/2013	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	06/12/2013	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	09/25/2013	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	12/18/2013	<0.100	<0.100	<0.100	<0.100	0.024	<0.100
	03/18/2014	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	06/24/2014	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
UMW-116	03/26/2013	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	06/12/2013	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	09/24/2013	<0.100	<0.100	<0.100	<0.100	0.005	<0.100
	12/17/2013	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	03/19/2014	<0.420	<0.420	<0.420	<0.420	<0.007	<0.420
	06/25/2014	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
UMW-117	03/27/2013	<0.100	<0.100	<0.100	<0.100	0.013	<0.100
	06/12/2013	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	09/25/2013	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	12/17/2013	<0.100	<0.100	<0.100	<0.100	0.005	<0.100
	03/19/2014	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	06/25/2014	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
UMW-118	03/28/2013	<0.100	<0.100	<0.100	<0.100	0.036	<0.100
	06/12/2013	<0.100	<0.100	<0.100	<0.100	0.035	<0.100
	09/25/2013	<0.100	<0.100	<0.100	<0.100	0.033	<0.100
	12/19/2013	<0.100	<0.100	<0.100	<0.100	0.037	<0.100
	03/19/2014	<0.100	<0.100	<0.100	<0.100	0.040	<0.100
	06/25/2014	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
UMW-119	03/26/2013	<0.100	<0.100	<0.100	<0.100	0.033	<0.100
	06/12/2013	<0.100	<0.100	<0.100	<0.100	0.037	<0.100
	09/25/2013	<0.100	<0.100	<0.100	<0.100	0.028	<0.100
	12/18/2013	<0.100	<0.100	<0.100	<0.100	0.024	<0.100
	03/18/2014	<0.100	<0.100	<0.100	<0.100	0.034	<0.100
	06/24/2014	<0.100	<0.100	<0.100	<0.100	0.041	<0.100
UMW-120	03/26/2013	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	06/11/2013	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	09/25/2013	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	12/18/2013	<0.100	<0.100	<0.100	<0.100	0.005	<0.100
	03/18/2014	<0.100	<0.100	<0.100	<0.100	<0.008	<0.100
	06/24/2014	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100

**CH MGP  
Groundwater Monitoring Data: Champaign FMGP Site, Champaign, IL**

Date Range: 01/01/2013 to 06/26/2014

		Benzo(b)fluoranthene, ug/L	Benzo(g,h,i)perylene, ug/L	Benzo(k)fluoranthene, ug/L	Chrysene, ug/L	CN, total, mg/L	Dibenzo(a,h)anthracene, ug/L	
UMW-121	03/27/2013	<0.100	<0.100	<0.100	<0.100	0.361	<0.100	
	06/11/2013	<0.100	<0.100	<0.100	<0.100	0.383	<0.100	
	09/24/2013	<0.100	<0.100	<0.100	<0.100	0.319	<0.100	
	12/19/2013	<0.100	<0.100	<0.100	<0.100	0.320	<0.100	
	03/19/2014	<0.100	<0.100	<0.100	<0.100	0.227	<0.100	
	06/24/2014	<0.100	<0.100	<0.100	<0.100	0.282	<0.100	
UMW-122	03/28/2013	<0.100	<0.100	<0.100	<0.100	0.152	<0.100	
	06/21/2013	<0.100	<0.100	<0.100	<0.100	0.068	<0.100	
	06/26/2014	<0.100	<0.100	<0.100	<0.100	0.070	<0.100	
UMW-123	03/26/2013	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100	
	06/12/2013	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100	
	09/23/2013	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100	
	12/17/2013	<0.100	<0.100	<0.100	<0.100	0.004	<0.100	
	03/19/2014	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100	
	06/23/2014	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100	
	03/27/2013	<0.100	<0.100	<0.100	<0.100	0.022	<0.100	
UMW-124	06/11/2013	<1.000	<1.000	<1.000	<1.000	0.022	<1.000	
	09/24/2013	<0.100	<0.100	<0.100	<0.100	0.028	<0.100	
	12/17/2013	<0.100	<0.100	<0.100	<0.100	0.013	<0.100	
	03/18/2014	<0.100	<0.100	<0.100	<0.100	0.014	<0.100	
	06/26/2014	<0.100	<0.100	<0.100	<0.100	0.027	<0.100	
	UMW-125	03/27/2013	<0.100	<0.100	<0.100	<0.100	0.016	<0.100
		06/10/2013	<0.100	<0.100	<0.100	<0.100	0.016	<0.100
09/24/2013		<0.100	<0.100	<0.100	<0.100	0.010	<0.100	
12/18/2013		<0.100	<0.100	<0.100	<0.100	0.023	<0.100	
03/17/2014		<0.100	<0.100	<0.100	<0.100	0.021	<0.100	
06/26/2014		<0.100	<0.100	<0.100	<0.100	0.016	<0.100	
UMW-126	03/27/2013	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100	
	06/11/2013	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100	
	09/24/2013	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100	
	12/17/2013	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100	
	03/18/2014	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100	
	06/23/2014	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100	
UMW-127	03/27/2013	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100	
	06/11/2013	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100	
	09/24/2013	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100	

**CH MGP  
Groundwater Monitoring Data: Champaign FMGP Site, Champaign, IL**

Date Range: 01/01/2013 to 06/26/2014

		Benzo(b)fluoranthene, ug/L	Benzo(g,h,i)perylene, ug/L	Benzo(k)fluoranthene, ug/L	Chrysene, ug/L	CN, total, mg/L	Dibenzo(a,h)anthracene, ug/L
UMW-127	12/17/2013	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	03/18/2014	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	06/25/2014	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
UMW-300	03/28/2013	<0.200	<0.200	<0.200	<0.200	<0.007	<0.200
	06/12/2013	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	09/25/2013	<0.100	<0.100	<0.100	<0.100	0.013	<0.100
	12/18/2013	<0.100	<0.100	<0.100	<0.100	0.025	<0.100
	03/18/2014	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	06/24/2014	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	03/27/2013	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
UMW-301R	06/11/2013	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	09/24/2013	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	12/17/2013	<0.100	<0.100	<0.100	<0.100	0.029	<0.100
	03/18/2014	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	06/23/2014	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	03/27/2013	<0.100	<0.100	<0.100	<0.100	0.143	<0.100
	06/11/2013	<10.000	<10.000	<10.000	<10.000	0.114	<10.000
UMW-302	09/24/2013	<0.100	<0.100	<0.100	<0.100	0.085	<0.100
	12/19/2013	<0.100	<0.100	<0.100	<0.100	0.099	<0.100
	03/19/2014	<0.120	<0.120	<0.120	<0.120	0.149	<0.120
	06/24/2014	<0.100	<0.100	<0.100	<0.100	0.202	<0.100
	03/28/2013	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	06/13/2013	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	09/23/2013	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
UMW-303	12/18/2013	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	03/20/2014	<0.170	<0.170	<0.170	<0.170	<0.007	<0.170
	06/25/2014	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	03/27/2013	<0.100	<0.100	<0.100	<0.100	0.023	<0.100
	06/10/2013	<0.100	<0.100	<0.100	<0.100	0.016	<0.100
	09/24/2013	<0.170	<0.170	<0.170	<0.170	0.011	<0.170
	12/18/2013	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
UMW-304R	03/18/2014	<0.100	<0.100	<0.100	<0.100	0.037	<0.100
	06/25/2014	<0.100	<0.100	<0.100	<0.100	0.044	<0.100
	03/26/2013	<0.100	<0.100	<0.100	<0.100	0.019	<0.100
	06/13/2013	<0.100	<0.100	<0.100	<0.100	0.021	<0.100
	09/23/2013	<0.100	<0.100	<0.100	<0.100	0.030	<0.100

**CH MGP**  
**Groundwater Monitoring Data: Champaign FMGP Site, Champaign, IL**

**Date Range: 01/01/2013 to 06/26/2014**

		Benzo(b)fluoranthene, ug/L	Benzo(g,h,i)perylene, ug/L	Benzo(k)fluoranthene, ug/L	Chrysene, ug/L	CN, total, mg/L	Dibenzo(a,h)anthracene, ug/L
UMW-306	12/18/2013	<0.100	<0.100	<0.100	<0.100	0.029	<0.100
	03/19/2014	<0.100	<0.100	<0.100	<0.100	0.023	<0.100
	06/24/2014	<0.100	<0.100	<0.100	<0.100	0.028	<0.100

**CH MGP  
Groundwater Monitoring Data: Champaign FMGP Site, Champaign, IL**

Date Range: 01/01/2013 to 06/26/2014

Well Id	Date Sampled	Lab Id	Ethylbenzene, ug/L	Fluoranthene, ug/L	Fluorene, ug/L	Indeno(1,2,3-cd)pyrene, ug/L	Naphthalene, ug/L	Phenanthrene, ug/L
UMW-102	03/26/2013		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	06/11/2013		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	09/25/2013		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	12/18/2013		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	03/18/2014		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
UMW-105	06/24/2014		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	03/27/2013		<5.000	<0.100	<0.100	<0.100	0.150	<0.100
	06/11/2013		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	09/24/2013		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	12/19/2013		<5.000	<0.100	<0.100	<0.100	0.140	<0.100
UMW-106R	03/19/2014		<5.000	<0.100	<0.100	<0.100	0.580	<0.100
	06/24/2014		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	03/26/2013		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	06/11/2013		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	09/24/2013		<5.000	<0.100	<0.100	<0.100	0.370	<0.100
UMW-107	12/17/2013		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	03/19/2014		<5.000	<0.100	<0.100	<0.100	0.140	<0.100
	06/24/2014		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	03/28/2013		8.400	<0.100	0.160	<0.100	24.500	<0.100
	06/12/2013		21.000	<0.100	<0.100	<0.100	54.900	0.170
UMW-108	09/24/2013		37.100	<0.100	<0.100	<0.100	101.000	<0.100
	12/17/2013		17.000	<0.100	<0.100	<0.100	85.200	0.210
	03/20/2014		<5.000	<0.100	<0.100	<0.100	15.200	0.150
	06/25/2014		5.400	<0.100	<0.100	<0.100	37.900	<0.100
	03/27/2013		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
UMW-109	06/12/2013		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	09/25/2013		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	12/17/2013		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	03/18/2014		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	06/25/2014		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
UMW-109	03/26/2013		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	06/12/2013		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	09/25/2013		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	12/19/2013		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	03/19/2014		<5.000	<0.100	<0.100	<0.100	0.310	<0.100
	06/25/2014		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100

**CH MGP  
Groundwater Monitoring Data: Champaign FMGP Site, Champaign, IL**

Date Range: 01/01/2013 to 06/26/2014

		Ethylbenzene, ug/L	Fluoranthene, ug/L	Fluorene, ug/L Indeno(1,2,3-cd) pyrene, ug/L	Naphthalene, ug/L	Phenanthrene, ug/L
UMW-111A	03/26/2013	<5.000	<0.100	<0.100	<0.100	<0.100
	06/12/2013	<5.000	<0.100	<0.100	<0.100	<0.100
	09/25/2013	<5.000	<0.100	<0.100	<0.100	<0.100
	12/18/2013	<5.000	<0.100	<0.100	<0.100	<0.100
	03/18/2014	<5.000	<0.100	<0.100	<0.100	<0.100
	06/24/2014	<5.000	<0.100	<0.100	<0.100	<0.100
UMW-116	03/26/2013	<5.000	<0.100	<0.100	<0.100	<0.100
	06/12/2013	<5.000	<0.100	<0.100	<0.100	<0.100
	09/24/2013	<5.000	<0.100	<0.100	<0.100	0.220
	12/17/2013	<5.000	<0.100	<0.100	<0.100	<0.100
	03/19/2014	<5.000	<0.420	<0.420	<0.420	<0.420
	06/25/2014	<5.000	<0.100	<0.100	<0.100	<0.100
UMW-117	03/27/2013	<5.000	<0.100	<0.100	<0.100	<0.100
	06/12/2013	<5.000	<0.100	<0.100	<0.100	<0.100
	09/25/2013	<5.000	<0.100	<0.100	<0.100	<0.100
	12/17/2013	<5.000	<0.100	<0.100	<0.100	<0.100
	03/19/2014	<5.000	<0.100	<0.100	<0.100	0.360
	06/25/2014	<5.000	<0.100	<0.100	<0.100	<0.100
UMW-118	03/28/2013	<5.000	<0.100	<0.100	<0.100	<0.100
	06/12/2013	<5.000	<0.100	<0.100	<0.100	<0.100
	09/25/2013	<5.000	<0.100	<0.100	<0.100	<0.100
	12/19/2013	<5.000	<0.100	<0.100	<0.100	<0.100
	03/19/2014	<5.000	<0.100	<0.100	<0.100	0.140
	06/25/2014	<5.000	<0.100	<0.100	<0.100	<0.100
UMW-119	03/26/2013	<5.000	<0.100	<0.100	<0.100	<0.100
	06/12/2013	<5.000	<0.100	<0.100	<0.100	<0.100
	09/25/2013	<5.000	<0.100	<0.100	<0.100	<0.100
	12/18/2013	<5.000	<0.100	<0.100	<0.100	<0.100
	03/18/2014	<5.000	<0.100	<0.100	<0.100	<0.100
	06/24/2014	<5.000	<0.100	<0.100	<0.100	0.360
UMW-120	03/26/2013	<5.000	<0.100	<0.100	<0.100	<0.100
	06/11/2013	<5.000	<0.100	<0.100	<0.100	<0.100
	09/25/2013	<5.000	<0.100	<0.100	<0.100	<0.100
	12/18/2013	<5.000	<0.100	<0.100	<0.100	<0.100
	03/18/2014	<5.000	<0.100	<0.100	<0.100	<0.100
	06/24/2014	<5.000	<0.100	<0.100	<0.100	<0.100

**CH MGP  
Groundwater Monitoring Data: Champaign FMGP Site, Champaign, IL**

Date Range: 01/01/2013 to 06/26/2014

		Ethylbenzene, ug/L	Fluoranthene, ug/L	Fluorene, ug/L	Indeno(1,2,3-cd) pyrene, ug/L	Naphthalene, ug/L	Phenanthrene, ug/L
UMW-121	03/27/2013	<5.000	<0.100	<0.100	<0.100	0.850	<0.100
	06/11/2013	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	09/24/2013	<5.000	<0.100	<0.100	<0.100	0.140	<0.100
	12/19/2013	<5.000	<0.100	<0.100	<0.100	0.520	<0.100
	03/19/2014	<5.000	<0.100	<0.100	<0.100	0.140	<0.100
	06/24/2014	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
UMW-122	03/28/2013	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	06/21/2013	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	06/26/2014	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
UMW-123	03/26/2013	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	06/12/2013	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	09/23/2013	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	12/17/2013	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	03/19/2014	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	06/23/2014	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
UMW-124	03/27/2013	27.100	<0.100	0.390	<0.100	74.700	0.350
	06/11/2013	25.400	<1.000	<1.000	<1.000	82.400	<1.000
	09/24/2013	5.200	<0.100	0.250	<0.100	94.800	0.230
	12/17/2013	12.000	<0.100	0.190	<0.100	74.600	0.210
	03/18/2014	18.000	<0.100	0.290	<0.100	82.800	0.200
	06/26/2014	24.000	<0.100	0.240	<0.100	82.400	0.250
UMW-125	03/27/2013	<5.000	<0.100	<0.100	<0.100	0.570	<0.100
	06/10/2013	<5.000	<0.100	0.190	<0.100	0.930	0.370
	09/24/2013	<5.000	<0.100	0.100	<0.100	1.630	0.190
	12/18/2013	<5.000	<0.100	<0.100	<0.100	1.940	0.230
	03/17/2014	<5.000	<0.100	<0.100	<0.100	1.490	0.120
	06/26/2014	<5.000	<0.100	0.120	<0.100	1.900	0.260
UMW-126	03/27/2013	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	06/11/2013	<5.000	<0.100	<0.100	<0.100	0.130	<0.100
	09/24/2013	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	12/17/2013	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	03/18/2014	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	06/23/2014	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
UMW-127	03/27/2013	<5.000	<0.100	0.290	<0.100	1.720	0.380
	06/11/2013	<5.000	<0.100	0.240	<0.100	1.920	0.400
	09/24/2013	<5.000	<0.100	0.180	<0.100	2.120	0.450

**CH MGP  
Groundwater Monitoring Data: Champaign FMGP Site, Champaign, IL**

Date Range: 01/01/2013 to 06/26/2014

		Ethylbenzene, ug/L	Fluoranthene, ug/L	Fluorene, ug/L	Indeno(1,2,3-cd) pyrene, ug/L	Naphthalene, ug/L	Phenanthrene, ug/L
UMW-127	12/17/2013	<5.000	<0.100	0.200	<0.100	2.680	0.290
	03/18/2014	<5.000	<0.100	0.170	<0.100	1.920	0.310
	06/25/2014	<5.000	<0.100	0.200	<0.100	2.370	0.440
UMW-300	03/28/2013	<5.000	<0.200	<0.200	<0.200	<0.200	<0.200
	06/12/2013	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	09/25/2013	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	12/18/2013	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	03/18/2014	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	06/24/2014	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	03/27/2013	<5.000	<0.100	0.270	<0.100	0.170	<0.100
UMW-301R	06/11/2013	<5.000	<0.100	0.140	<0.100	0.370	<0.100
	09/24/2013	<5.000	<0.100	0.220	<0.100	0.220	0.120
	12/17/2013	<5.000	<0.100	0.140	<0.100	<0.100	<0.100
	03/18/2014	<5.000	<0.100	0.170	<0.100	0.110	<0.100
	06/23/2014	<5.000	<0.100	0.150	<0.100	<0.100	<0.100
	03/27/2013	697.000	<0.100	<0.100	<0.100	4,720.000	<0.100
	06/11/2013	750.000	<10.000	<10.000	<10.000	3,710.000	<10.000
UMW-302	09/24/2013	615.000	<0.100	<0.100	<0.100	2,700.000	0.100
	12/19/2013	806.000	<0.100	0.120	<0.100	4,200.000	<0.100
	03/19/2014	666.000	<0.120	<0.120	<0.120	3,260.000	<0.120
	06/24/2014	1,270.000	<0.100	<0.100	<0.100	1,600.000	<0.100
	03/28/2013	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	06/13/2013	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	09/23/2013	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
UMW-303	12/18/2013	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	03/20/2014	<5.000	<0.170	<0.170	<0.170	0.250	<0.170
	06/25/2014	<5.000	<0.100	<0.100	<0.100	<0.100	0.140
	03/27/2013	<5.000	<0.100	0.140	<0.100	1.010	0.180
	06/10/2013	<5.000	<0.100	<0.100	<0.100	0.640	0.160
	09/24/2013	<5.000	<0.170	<0.170	<0.170	0.340	0.210
	12/18/2013	<5.000	<0.100	<0.100	<0.100	0.140	0.110
UMW-304R	03/18/2014	<5.000	<0.100	<0.100	<0.100	0.110	<0.100
	06/25/2014	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	03/26/2013	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	06/13/2013	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	09/23/2013	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100



**CH MGP**  
**Groundwater Monitoring Data: Champaign FMGP Site, Champaign, IL**

**Date Range: 01/01/2013 to 06/26/2014**

		<b>Ethylbenzene, ug/L</b>	<b>Fluoranthene, ug/L</b>	<b>Fluorene, ug/L</b>	<b>Indeno(1,2,3-cd) pyrene, ug/L</b>	<b>Naphthalene, ug/L</b>	<b>Phenanthrene, ug/L</b>
UMW-306	12/18/2013	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	03/19/2014	<5.000	<0.100	<0.100	<0.100	0.630	<0.100
	06/24/2014	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100

**CH MGP**  
**Groundwater Monitoring Data: Champaign FMGP Site, Champaign, IL**

Date Range: 01/01/2013 to 06/26/2014

Well Id	Date Sampled	Lab Id	Pyrene, ug/L	Toluene, ug/L	Xylene, total, ug/L
UMW-102	03/26/2013		<0.100	<5.000	<5.000
	06/11/2013		<0.100	<5.000	<5.000
	09/25/2013		<0.100	<5.000	<5.000
	12/18/2013		<0.100	<5.000	<5.000
	03/18/2014		<0.100	<5.000	<5.000
	06/24/2014		<0.100	<5.000	<5.000
UMW-105	03/27/2013		<0.100	<5.000	<5.000
	06/11/2013		<0.100	<5.000	<5.000
	09/24/2013		<0.100	<5.000	<5.000
	12/19/2013		<0.100	<5.000	<5.000
	03/19/2014		<0.100	<5.000	<5.000
	06/24/2014		<0.100	<5.000	<5.000
UMW-106R	03/26/2013		<0.100	<5.000	<5.000
	06/11/2013		<0.100	<5.000	<5.000
	09/24/2013		<0.100	<5.000	<5.000
	12/17/2013		<0.100	<5.000	<5.000
	03/19/2014		<0.100	<5.000	<5.000
	06/24/2014		<0.100	<5.000	<5.000
UMW-107	03/28/2013		<0.100	<25.000	7.000
	06/12/2013		<0.100	<25.000	15.000
	09/24/2013		<0.100	<25.000	25.700
	12/17/2013		<0.100	<25.000	14.000
	03/20/2014		<0.100	<5.000	<5.000
	06/25/2014		<0.100	<25.000	<25.000
UMW-108	03/27/2013		<0.100	<5.000	<5.000
	06/12/2013		<0.100	<5.000	<5.000
	09/25/2013		<0.100	<5.000	<5.000
	12/17/2013		<0.100	<5.000	<5.000
	03/18/2014		<0.100	<5.000	<5.000
	06/25/2014		<0.100	<5.000	<5.000
UMW-109	03/26/2013		<0.100	<5.000	<5.000
	06/12/2013		<0.100	<5.000	<5.000
	09/25/2013		<0.100	<5.000	<5.000
	12/19/2013		<0.100	<5.000	<5.000
	03/19/2014		<0.100	<5.000	<5.000
	06/25/2014		<0.100	<5.000	<5.000

**CH MGP**  
**Groundwater Monitoring Data: Champaign FMGP Site, Champaign, IL**

**Date Range: 01/01/2013 to 06/26/2014**

		Pyrene, ug/L	Toluene, ug/L	Xylene, total, ug/L
UMW-111A	03/26/2013	<0.100	<5.000	<5.000
	06/12/2013	<0.100	<5.000	<5.000
	09/25/2013	<0.100	<5.000	<5.000
	12/18/2013	<0.100	<5.000	<5.000
	03/18/2014	<0.100	<5.000	<5.000
	06/24/2014	<0.100	<5.000	<5.000
UMW-116	03/26/2013	<0.100	<5.000	<5.000
	06/12/2013	<0.100	<5.000	<5.000
	09/24/2013	<0.100	<5.000	<5.000
	12/17/2013	<0.100	<5.000	<5.000
	03/19/2014	<0.420	<5.000	<5.000
	06/25/2014	<0.100	<5.000	<5.000
UMW-117	03/27/2013	<0.100	<5.000	<5.000
	06/12/2013	<0.100	<5.000	<5.000
	09/25/2013	<0.100	<5.000	<5.000
	12/17/2013	<0.100	<5.000	<5.000
	03/19/2014	<0.100	<5.000	<5.000
	06/25/2014	<0.100	<5.000	<5.000
UMW-118	03/28/2013	<0.100	<5.000	<5.000
	06/12/2013	<0.100	<5.000	<5.000
	09/25/2013	<0.100	<5.000	<5.000
	12/19/2013	<0.100	<5.000	<5.000
	03/19/2014	<0.100	<5.000	<5.000
	06/25/2014	<0.100	<5.000	<5.000
UMW-119	03/26/2013	<0.100	<5.000	<5.000
	06/12/2013	<0.100	<5.000	<5.000
	09/25/2013	<0.100	<5.000	<5.000
	12/18/2013	<0.100	<5.000	<5.000
	03/18/2014	<0.100	<5.000	<5.000
	06/24/2014	<0.100	<5.000	<5.000
UMW-120	03/26/2013	<0.100	<5.000	<5.000
	06/11/2013	<0.100	<5.000	<5.000
	09/25/2013	<0.100	<5.000	<5.000
	12/18/2013	<0.100	<5.000	<5.000
	03/18/2014	<0.100	<5.000	<5.000
	06/24/2014	<0.100	<5.000	<5.000

**CH MGP**  
**Groundwater Monitoring Data: Champaign FMGP Site, Champaign, IL**

**Date Range: 01/01/2013 to 06/26/2014**

		Pyrene, ug/L	Toluene, ug/L	Xylene, total, ug/L
UMW-121	03/27/2013	<0.100	<5.000	<5.000
	06/11/2013	<0.100	<5.000	<5.000
	09/24/2013	<0.100	<5.000	<5.000
	12/19/2013	<0.100	<5.000	<5.000
	03/19/2014	<0.100	<5.000	<5.000
	06/24/2014	<0.100	<5.000	<5.000
UMW-122	03/28/2013	<0.100	<5.000	<5.000
	06/21/2013	<0.100	<5.000	<5.000
	06/26/2014	<0.100	<5.000	<5.000
UMW-123	03/26/2013	<0.100	<5.000	<5.000
	06/12/2013	<0.100	<5.000	<5.000
	09/23/2013	<0.100	<5.000	<5.000
	12/17/2013	<0.100	<5.000	<5.000
	03/19/2014	<0.100	<5.000	<5.000
	06/23/2014	<0.100	<5.000	<5.000
UMW-124	03/27/2013	<0.100	85.000	70.700
	06/11/2013	<1.000	88.700	64.400
	09/24/2013	<0.100	15.800	14.200
	12/17/2013	<0.100	54.200	35.100
	03/18/2014	<0.100	78.300	50.100
	06/26/2014	<0.100	91.200	63.500
UMW-125	03/27/2013	<0.100	1.600	<5.000
	06/10/2013	<0.100	2.700	1.100
	09/24/2013	<0.100	3.100	1.500
	12/18/2013	<0.100	2.400	<5.000
	03/17/2014	<0.100	1.500	1.200
	06/26/2014	<0.100	1.700	1.000
UMW-126	03/27/2013	<0.100	<5.000	<5.000
	06/11/2013	<0.100	<5.000	<5.000
	09/24/2013	<0.100	<5.000	<5.000
	12/17/2013	<0.100	<5.000	<5.000
	03/18/2014	<0.100	<5.000	<5.000
	06/23/2014	<0.100	<5.000	<5.000
UMW-127	03/27/2013	<0.100	<5.000	<5.000
	06/11/2013	<0.100	<5.000	<5.000
	09/24/2013	<0.100	<5.000	<5.000

**CH MGP**  
**Groundwater Monitoring Data: Champaign FMGP Site, Champaign, IL**

**Date Range: 01/01/2013 to 06/26/2014**

		Pyrene, ug/L	Toluene, ug/L	Xylene, total, ug/L
UMW-127	12/17/2013	<0.100	<5.000	<5.000
	03/18/2014	<0.100	<5.000	<5.000
	06/25/2014	<0.100	<5.000	<5.000
UMW-300	03/28/2013	<0.200	<5.000	<5.000
	06/12/2013	<0.100	<5.000	<5.000
	09/25/2013	<0.100	<5.000	<5.000
	12/18/2013	<0.100	<5.000	<5.000
	03/18/2014	<0.100	<5.000	<5.000
	06/24/2014	<0.100	<5.000	<5.000
	03/27/2013	<0.100	<5.000	1.300
UMW-301R	06/11/2013	<0.100	<5.000	1.300
	09/24/2013	<0.100	<5.000	1.200
	12/17/2013	<0.100	<5.000	1.200
	03/18/2014	<0.100	<5.000	1.100
	06/23/2014	<0.100	<5.000	<5.000
	03/27/2013	<0.100	11.000	262.000
	06/11/2013	<10.000	10.000	278.000
UMW-302	09/24/2013	<0.100	<50.000	218.000
	12/19/2013	<0.100	11.000	254.000
	03/19/2014	<0.120	11.000	162.000
	06/24/2014	<0.100	17.000	254.000
	03/28/2013	<0.100	<5.000	<5.000
	06/13/2013	<0.100	<5.000	<5.000
	09/23/2013	<0.100	<5.000	<5.000
UMW-303	12/18/2013	<0.100	<5.000	<5.000
	03/20/2014	<0.170	<5.000	<5.000
	06/25/2014	<0.100	<5.000	<5.000
	03/27/2013	<0.100	<5.000	<5.000
	06/10/2013	<0.100	<5.000	<5.000
	09/24/2013	<0.170	<5.000	<5.000
	12/18/2013	<0.100	<5.000	<5.000
UMW-304R	03/18/2014	<0.100	<5.000	<5.000
	06/25/2014	<0.100	<5.000	<5.000
	03/26/2013	<0.100	<5.000	<5.000
	06/13/2013	<0.100	<5.000	<5.000
	09/23/2013	<0.100	<5.000	<5.000
	03/26/2013	<0.100	<5.000	<5.000
	06/13/2013	<0.100	<5.000	<5.000
09/23/2013	<0.100	<5.000	<5.000	

**CH MGP**  
**Groundwater Monitoring Data: Champaign FMGP Site, Champaign, IL**

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**Date Range: 01/01/2013 to 06/26/2014**

		<b>Pyrene, ug/L</b>	<b>Toluene, ug/L</b>	<b>Xylene, total, ug/L</b>
UMW-306	12/18/2013	<0.100	<5.000	<5.000
	03/19/2014	<0.100	<5.000	<5.000
	06/24/2014	<0.100	<5.000	<5.000

## **ATTACHMENT 3**

Laboratory Analytical Reports and  
Chain-of-Custodies

**Table 2**  
**Groundwater Analytical Data for BTEX, PAHs and Cyanide**  
**Comparison to Class I and Class II Groundwater Standards**  
**June 2014**  
**Champaign Former MGP Site**  
**Champaign, Illinois**

CONSTITUENT	Class I Groundwater Standard	Class II Groundwater Standard	Units	UMW-102 6/24/2014	UMW-105 6/24/2014	UMW-106R 6/24/2014	UMW-107 6/25/2014	UMW-907 6/25/2014	UMW-108 6/24/2014	UMW-109 6/25/2014	UMW-111A 6/24/2014	UMW-116 6/25/2014	UMW-117 6/24/2014	UMW-118 6/25/2014
<b><i>Volatile Organic Compounds</i></b> <b><i>(8260B)</i></b>														
Benzene	0.005	0.025	mg/L	< 0.002	< 0.002	< 0.002	0.142	0.0392	< 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	0.0054 J	0.0014 J	< 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	< 0.025	< 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	< 0.025	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
<b><i>Polynuclear Aromatic</i></b> <b><i>8270 SIMS</i></b>														
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 <sup>(1)</sup>	1.05 <sup>(1)</sup>	mg/L	< 0.0001	< 0.0001	< 0.0001	0.00014	0.00015	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	2.1	10.5	mg/L	< 0.0001	< 0.0001	< 0.0001	0.00012	0.00013	< 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	< 0.0001
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	< 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	< 0.0001
Benzo(g,h,i)perylene	0.21 <sup>(1)</sup>	1.05 <sup>(1)</sup>	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(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	< 0.0001
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	< 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	< 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	< 0.0001
Fluorene	0.28	1.40	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	0.00043	0.00215	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Naphthalene	0.14	0.22	mg/L	< 0.0001	< 0.0001	< 0.0001	0.0379	0.0401	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Phenanthrene	0.21 <sup>(1)</sup>	1.05 <sup>(1)</sup>	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	< 0.0001
Cyanide (total) 9012A	0.20	0.60	mg/L	< 0.007	0.081	0.02	0.761	< 0.007	0.029	0.048	< 0.007	< 0.007	< 0.007	< 0.007

Notes:

\* Shallow groundwater (UMW-100 series wells) is defined as Class II groundwater and intermediate groundwater (UMW-300 series wells) is defined as Class I groundwater as defined in IAC 35 Part 620.210 and 620.220.

<sup>(1)</sup> Non-TACO or provisional ROs published by the IEPA.

<sup>(2)</sup> Duplicate of monitoring well UMW-118.

<sup>(3)</sup> Duplicate of monitoring well UMW-124.

<sup>(4)</sup> Duplicate of monitoring well UMW-306.

Constituent exceeds Class I Groundwater Standards.

Constituent exceeds Class II Groundwater Standards.

mg/L Milligrams per liter

<0.0001 Not detected at the detection limit identified.

J Analyte detected below quantitation limits

S Spike Recovery outside recovery limits

R RPD outside accepted recovery limits.

H Sample analyzed out of hold time.

--- Groundwater sample was not analyzed for that constituent.



**Table 2**  
**Groundwater Analytical Data for BTEX, PAHs and Cyanide**  
**Comparison to Class I and Class II Groundwater Standards**  
**June 2014**  
**Champaign Former MGP Site**  
**Champaign, Illinois**

CONSTITUENT	Class I Groundwater Standard	Class II Groundwater Standard	Units	UMW-119 6/24/2014	UMW-120 6/24/2014	UMW-121 6/24/2014	UMW-122 6/26/2014	UMW-123 6/23/2014	UMW-923 6/23/2014	UMW-124 6/26/2014	UMW-125 6/26/2014	UMW-126 6/23/2014	UMW-127 6/25/2014	UMW-300 6/24/2014	UMW-301R 6/23/2014
<b><i>Volatile Organic Compounds</i></b> <b><i>(8260B)</i></b>															
Benzene	0.005	0.025	mg/L	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	0.270	0.0201	0.0318	0.0045	< 0.002	< 0.002
Ethylbenzene	0.70	1.00	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.024 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	< 0.005	< 0.005	0.0912	0.0017 J	< 0.005	< 0.005	< 0.005	< 0.005
Xylene (total)	10.0	10.0	mg/L	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.0635	0.001 J	< 0.005	< 0.005	< 0.005	< 0.005
<b><i>Polynuclear Aromatic</i></b> <b><i>8270 SIMS</i></b>															
Acenaphthene	0.42	2.10	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.0006	0.00013	< 0.0001	0.00022	< 0.0001	0.00275
Acenaphthylene	0.21 <sup>(1)</sup>	1.05 <sup>(1)</sup>	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00042	< 0.0001	< 0.0001	0.00318	< 0.0001	0.00346
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	< 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	< 0.0001	< 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	< 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	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	0.21 <sup>(1)</sup>	1.05 <sup>(1)</sup>	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(k)fluoranthene	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	< 0.0001	< 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	< 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	< 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	< 0.0001	< 0.0001
Fluorene	0.28	1.40	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00024	0.00012	< 0.0001	0.0002	< 0.0001	0.00015
Indeno(1,2,3-cd)pyrene	0.00043	0.00215	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Naphthalene	0.14	0.22	mg/L	0.00036	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.0824	0.0019	< 0.0001	0.00237	< 0.0001	< 0.0001
Phenanthrene	0.21 <sup>(1)</sup>	1.05 <sup>(1)</sup>	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	0.00025	0.00026	< 0.0001	0.00044	< 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	< 0.0001	< 0.0001
Cyanide (total) 9012A	0.20	0.60	mg/L	0.041	< 0.007	0.282 S	< 0.007	< 0.007	< 0.007	0.027	0.016	< 0.007	< 0.007	< 0.007	< 0.007

Notes:

\* Shallow groundwater (UMW-100 series wells) is defined as Class II groundwater and intermediate groundwater (UMW-300 series wells) is defined as Class I groundwater as defined in IAC 35 Part 620.210 and 620.220.

<sup>(1)</sup> Non-TACO or provisional ROs published by the IEPA.

<sup>(2)</sup> Duplicate of monitoring well UMW-118.

<sup>(3)</sup> Duplicate of monitoring well UMW-124.

<sup>(4)</sup> Duplicate of monitoring well UMW-306.

mg/L Milligrams per liter  
 <0.0001 Not detected at the detection limit identified.

J Analyte detected below quantitation limits

S Spike Recovery outside recovery limits

R RPD outside accepted recovery limits.

H Sample analyzed out of hold time.

--- Groundwater sample was not analyzed for that constituent.

**Table 2**  
**Groundwater Analytical Data for BTEX, PAHs and Cyanide**  
**Comparison to Class I and Class II Groundwater Standards**  
**June 2014**  
**Champaign Former MGP Site**  
**Champaign, Illinois**

CONSTITUENT	Class I Groundwater Standard	Class II Groundwater Standard	Units	UMW-302 6/24/2014	UMW-902 6/24/2014	UMW-303 6/25/2014	UMW-304R 6/25/2014	UMW-305 6/24/2014	UMW-306 6/24/2014	UMW-307 6/24/2014	UMW-308 6/26/2014
<b><i>Volatile Organic Compounds</i></b> <b><i>(8260B)</i></b>											
Benzene	0.005	0.025	mg/L	1.6	1.46	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
Ethylbenzene	0.70	1.00	mg/L	1.27	1.14	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Toluene	1.0	2.5	mg/L	0.017 J	0.016 J	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Xylene (total)	10.0	10.0	mg/L	0.254	0.237	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
<b><i>Polynuclear Aromatic</i></b> <b><i>8270 SIMS</i></b>											
Acenaphthene	0.42	2.10	mg/L	< 0.0001	< 0.0001	< 0.0001	0.0008	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Acenaphthylene	0.21 <sup>(1)</sup>	1.05 <sup>(1)</sup>	mg/L	0.00029	0.00028	< 0.0001	0.00202	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Anthracene	2.1	10.5	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)anthracene	0.00013	0.00065	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(a)pyrene	0.0002	0.0020	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(b)fluoranthene	0.00018	0.00900	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(g,h,i)perylene	0.21 <sup>(1)</sup>	1.05 <sup>(1)</sup>	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Benzo(k)fluoranthene	0.00017	0.00085	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Chrysene	0.0015	0.0075	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Dibenzo(a,h)anthracene	0.0003	0.0015	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Fluoranthene	0.28	1.40	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Fluorene	0.28	1.40	mg/L	< 0.0001	0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Indeno(1,2,3-cd)pyrene	0.00043	0.00215	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Naphthalene	0.14	0.22	mg/L	1.6	1.47	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Phenanthrene	0.21 <sup>(1)</sup>	1.05 <sup>(1)</sup>	mg/L	< 0.0001	< 0.0001	0.00014	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Pyrene	0.21	1.05	mg/L	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001	< 0.0001
Cyanide (total) 9012A	0.20	0.60	mg/L	0.202	0.196	< 0.007	0.044	0.045	0.028	0.106 S	0.022

Notes:

\* Shallow groundwater (UMW-100 series wells) is defined as Class II groundwater and intermediate groundwater (UMW-300 series wells) is defined as Class I groundwater as defined in IAC 35 Part 620.210 and 620.220.

<sup>(1)</sup> Non-TACO or provisional ROs published by the IEPA.

<sup>(2)</sup> Duplicate of monitoring well UMW-118.

<sup>(3)</sup> Duplicate of monitoring well UMW-124.

<sup>(4)</sup> Duplicate of monitoring well UMW-306.

Constituent exceeds Class I Groundwater Standards.

Constituent exceeds Class II Groundwater Standards.

mg/L Milligrams per liter

<0.0001 Not detected at the detection limit identified.

J Analyte detected below quantitation limits

S Spike Recovery outside recovery limits

R RPD outside accepted recovery limits.

H Sample analyzed out of hold time.

--- Groundwater sample was not analyzed for that constituent.

July 07, 2014

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



**RE:** Ameren Champaign MGP 624-1201-0008

**WorkOrder:** 14061507

Dear Leslie Hoosier:

TEKLAB, INC received 32 samples on 6/26/2014 3:09:00 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,



Elizabeth A. Hurley  
Project Manager  
(618)344-1004 ex 33  
[ehurley@teklabinc.com](mailto:ehurley@teklabinc.com)



## Report Contents

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

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**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 14061507

**Client Project:** Ameren Champaign MGP 624-1201-0008

**Report Date:** 07-Jul-14

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**This reporting package includes the following:**

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**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 14061507

**Client Project:** Ameren Champaign MGP 624-1201-0008

**Report Date:** 07-Jul-14

### 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).
- MB 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 and is determined from analysis of a sample in a given matrix type containing the analyte.
- 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.
- 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                             |
| 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     | X - Value exceeds Maximum Contaminant Level            |



## Case Narrative

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 14061507

**Client Project:** Ameren Champaign MGP 624-1201-0008

**Report Date:** 07-Jul-14

**Cooler Receipt Temp:** 1.4 °C

### Locations and Accreditations

	<u>Collinsville</u>	<u>Springfield</u>	<u>Kansas City</u>	<u>Collinsville Air</u>
<b>Address</b>	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
<b>Phone</b>	(618) 344-1004	(217) 698-1004	(913) 541-1998	(618) 344-1004
<b>Fax</b>	(618) 344-1005	(217) 698-1005	(913) 541-1998	(618) 344-1005
<b>Email</b>	jhriley@teklabinc.com	KKlostermann@teklabinc.com	dthompson@teklabinc.com	EHurley@teklabinc.com

<u>State</u>	<u>Dept</u>	<u>Cert #</u>	<u>NELAP</u>	<u>Exp Date</u>	<u>Lab</u>
Illinois	IEPA	100226	NELAP	1/31/2015	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2015	Collinsville
Louisiana	LDEQ	166493	NELAP	6/30/2015	Collinsville
Louisiana	LDEQ	166578	NELAP	6/30/2015	Collinsville
Texas	TCEQ	T104704515-12-1	NELAP	7/31/2014	Collinsville
Arkansas	ADEQ	88-0966		3/14/2015	Collinsville
Illinois	IDPH	17584		5/31/2015	Collinsville
Kentucky	KDEP	98006		12/31/2014	Collinsville
Kentucky	UST	0073		1/31/2015	Collinsville
Missouri	MDNR	00930		5/31/2015	Collinsville
Oklahoma	ODEQ	9978		8/31/2014	Collinsville

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 14061507

**Client Project:** Ameren Champaign MGP 624-1201-0008

**Report Date:** 07-Jul-14

**Lab ID:** 14061507-001

**Client Sample ID:** UMW-126

**Matrix:** GROUNDWATER

**Collection Date:** 06/23/2014 15:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.007		< 0.007	mg/L	1	06/30/2014 11:57	100032
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.0001		ND	mg/L	1	06/28/2014 3:59	100023
Acenaphthylene	NELAP	0.0001		ND	mg/L	1	06/28/2014 3:59	100023
Anthracene	NELAP	0.0001		ND	mg/L	1	06/28/2014 3:59	100023
Benzo(a)anthracene	NELAP	0.0001		ND	mg/L	1	06/28/2014 3:59	100023
Benzo(a)pyrene	NELAP	0.0001		ND	mg/L	1	06/28/2014 3:59	100023
Benzo(b)fluoranthene	NELAP	0.0001		ND	mg/L	1	06/28/2014 3:59	100023
Benzo(g,h,i)perylene	NELAP	0.0001		ND	mg/L	1	06/28/2014 3:59	100023
Benzo(k)fluoranthene	NELAP	0.0001		ND	mg/L	1	06/28/2014 3:59	100023
Chrysene	NELAP	0.0001		ND	mg/L	1	06/28/2014 3:59	100023
Dibenzo(a,h)anthracene	NELAP	0.0001		ND	mg/L	1	06/28/2014 3:59	100023
Fluoranthene	NELAP	0.0001		ND	mg/L	1	06/28/2014 3:59	100023
Fluorene	NELAP	0.0001		ND	mg/L	1	06/28/2014 3:59	100023
Indeno(1,2,3-cd)pyrene	NELAP	0.0001		ND	mg/L	1	06/28/2014 3:59	100023
Naphthalene	NELAP	0.0001		ND	mg/L	1	06/28/2014 3:59	100023
Phenanthrene	NELAP	0.0001		ND	mg/L	1	06/28/2014 3:59	100023
Pyrene	NELAP	0.0001		ND	mg/L	1	06/28/2014 3:59	100023
Surr: 2-Fluorobiphenyl		34.3-105		76.4	%REC	1	06/28/2014 3:59	100023
Surr: Nitrobenzene-d5		36.4-127		60.4	%REC	1	06/28/2014 3:59	100023
Surr: p-Terphenyl-d14		6.05-133		67.2	%REC	1	06/28/2014 3:59	100023
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2		31.8	µg/L	1	06/27/2014 14:14	100062
Ethylbenzene	NELAP	5		ND	µg/L	1	06/27/2014 14:14	100062
Toluene	NELAP	5		ND	µg/L	1	06/27/2014 14:14	100062
Xylenes, Total	NELAP	5		ND	µg/L	1	06/27/2014 14:14	100062
Surr: 1,2-Dichloroethane-d4		74.7-129		85.6	%REC	1	06/27/2014 14:14	100062
Surr: 4-Bromofluorobenzene		86-119		100.3	%REC	1	06/27/2014 14:14	100062
Surr: Dibromofluoromethane		81.7-123		98.1	%REC	1	06/27/2014 14:14	100062
Surr: Toluene-d8		84.3-114		98.8	%REC	1	06/27/2014 14:14	100062

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 14061507

**Client Project:** Ameren Champaign MGP 624-1201-0008

**Report Date:** 07-Jul-14

**Lab ID:** 14061507-002

**Client Sample ID:** UMW-123

**Matrix:** GROUNDWATER

**Collection Date:** 06/23/2014 16:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.007		< 0.007	mg/L	1	06/30/2014 12:01	100032
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.0001		ND	mg/L	1	06/27/2014 18:28	100023
Acenaphthylene	NELAP	0.0001		ND	mg/L	1	06/27/2014 18:28	100023
Anthracene	NELAP	0.0001		ND	mg/L	1	06/27/2014 18:28	100023
Benzo(a)anthracene	NELAP	0.0001		ND	mg/L	1	06/27/2014 18:28	100023
Benzo(a)pyrene	NELAP	0.0001		ND	mg/L	1	06/27/2014 18:28	100023
Benzo(b)fluoranthene	NELAP	0.0001		ND	mg/L	1	06/27/2014 18:28	100023
Benzo(g,h,i)perylene	NELAP	0.0001		ND	mg/L	1	06/27/2014 18:28	100023
Benzo(k)fluoranthene	NELAP	0.0001		ND	mg/L	1	06/27/2014 18:28	100023
Chrysene	NELAP	0.0001		ND	mg/L	1	06/27/2014 18:28	100023
Dibenzo(a,h)anthracene	NELAP	0.0001		ND	mg/L	1	06/27/2014 18:28	100023
Fluoranthene	NELAP	0.0001		ND	mg/L	1	06/27/2014 18:28	100023
Fluorene	NELAP	0.0001		ND	mg/L	1	06/27/2014 18:28	100023
Indeno(1,2,3-cd)pyrene	NELAP	0.0001		ND	mg/L	1	06/27/2014 18:28	100023
Naphthalene	NELAP	0.0001		ND	mg/L	1	06/27/2014 18:28	100023
Phenanthrene	NELAP	0.0001		ND	mg/L	1	06/27/2014 18:28	100023
Pyrene	NELAP	0.0001		ND	mg/L	1	06/27/2014 18:28	100023
Surr: 2-Fluorobiphenyl		34.3-105		79	%REC	1	06/27/2014 18:28	100023
Surr: Nitrobenzene-d5		36.4-127		59.8	%REC	1	06/27/2014 18:28	100023
Surr: p-Terphenyl-d14		6.05-133		69.2	%REC	1	06/27/2014 18:28	100023
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2		ND	µg/L	1	06/27/2014 14:41	100062
Ethylbenzene	NELAP	5		ND	µg/L	1	06/27/2014 14:41	100062
Toluene	NELAP	5		ND	µg/L	1	06/27/2014 14:41	100062
Xylenes, Total	NELAP	5		ND	µg/L	1	06/27/2014 14:41	100062
Surr: 1,2-Dichloroethane-d4		74.7-129		86.3	%REC	1	06/27/2014 14:41	100062
Surr: 4-Bromofluorobenzene		86-119		99.6	%REC	1	06/27/2014 14:41	100062
Surr: Dibromofluoromethane		81.7-123		96.6	%REC	1	06/27/2014 14:41	100062
Surr: Toluene-d8		84.3-114		99.3	%REC	1	06/27/2014 14:41	100062





## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 14061507

**Client Project:** Ameren Champaign MGP 624-1201-0008

**Report Date:** 07-Jul-14

**Lab ID:** 14061507-003

**Client Sample ID:** UMW-301R

**Matrix:** GROUNDWATER

**Collection Date:** 06/23/2014 16:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.007		< 0.007	mg/L	1	06/30/2014 12:05	100032
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.0001		0.00275	mg/L	1	06/27/2014 18:57	100023
Acenaphthylene	NELAP	0.0001		0.00346	mg/L	1	06/27/2014 18:57	100023
Anthracene	NELAP	0.0001		ND	mg/L	1	06/27/2014 18:57	100023
Benzo(a)anthracene	NELAP	0.0001		ND	mg/L	1	06/27/2014 18:57	100023
Benzo(a)pyrene	NELAP	0.0001		ND	mg/L	1	06/27/2014 18:57	100023
Benzo(b)fluoranthene	NELAP	0.0001		ND	mg/L	1	06/27/2014 18:57	100023
Benzo(g,h,i)perylene	NELAP	0.0001		ND	mg/L	1	06/27/2014 18:57	100023
Benzo(k)fluoranthene	NELAP	0.0001		ND	mg/L	1	06/27/2014 18:57	100023
Chrysene	NELAP	0.0001		ND	mg/L	1	06/27/2014 18:57	100023
Dibenzo(a,h)anthracene	NELAP	0.0001		ND	mg/L	1	06/27/2014 18:57	100023
Fluoranthene	NELAP	0.0001		ND	mg/L	1	06/27/2014 18:57	100023
Fluorene	NELAP	0.0001		0.00015	mg/L	1	06/27/2014 18:57	100023
Indeno(1,2,3-cd)pyrene	NELAP	0.0001		ND	mg/L	1	06/27/2014 18:57	100023
Naphthalene	NELAP	0.0001		ND	mg/L	1	06/27/2014 18:57	100023
Phenanthrene	NELAP	0.0001		ND	mg/L	1	06/27/2014 18:57	100023
Pyrene	NELAP	0.0001		ND	mg/L	1	06/27/2014 18:57	100023
Surr: 2-Fluorobiphenyl		34.3-105		83.4	%REC	1	06/27/2014 18:57	100023
Surr: Nitrobenzene-d5		36.4-127		63.2	%REC	1	06/27/2014 18:57	100023
Surr: p-Terphenyl-d14		6.05-133		72.8	%REC	1	06/27/2014 18:57	100023
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2		ND	µg/L	1	06/27/2014 15:12	100062
Ethylbenzene	NELAP	5		ND	µg/L	1	06/27/2014 15:12	100062
Toluene	NELAP	5		ND	µg/L	1	06/27/2014 15:12	100062
Xylenes, Total	NELAP	5		ND	µg/L	1	06/27/2014 15:12	100062
Surr: 1,2-Dichloroethane-d4		74.7-129		87.1	%REC	1	06/27/2014 15:12	100062
Surr: 4-Bromofluorobenzene		86-119		100.3	%REC	1	06/27/2014 15:12	100062
Surr: Dibromofluoromethane		81.7-123		98.4	%REC	1	06/27/2014 15:12	100062
Surr: Toluene-d8		84.3-114		98.9	%REC	1	06/27/2014 15:12	100062

Client: PSC Industrial Outsourcing, LP

Work Order: 14061507

Client Project: Ameren Champaign MGP 624-1201-0008

Report Date: 07-Jul-14

Lab ID: 14061507-004

Client Sample ID: UMW-923

Matrix: GROUNDWATER

Collection Date: 06/23/2014 16:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.007		< 0.007	mg/L	1	06/30/2014 12:14	100032
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.0001		ND	mg/L	1	06/27/2014 19:26	100023
Acenaphthylene	NELAP	0.0001		ND	mg/L	1	06/27/2014 19:26	100023
Anthracene	NELAP	0.0001		ND	mg/L	1	06/27/2014 19:26	100023
Benzo(a)anthracene	NELAP	0.0001		ND	mg/L	1	06/27/2014 19:26	100023
Benzo(a)pyrene	NELAP	0.0001		ND	mg/L	1	06/27/2014 19:26	100023
Benzo(b)fluoranthene	NELAP	0.0001		ND	mg/L	1	06/27/2014 19:26	100023
Benzo(g,h,i)perylene	NELAP	0.0001		ND	mg/L	1	06/27/2014 19:26	100023
Benzo(k)fluoranthene	NELAP	0.0001		ND	mg/L	1	06/27/2014 19:26	100023
Chrysene	NELAP	0.0001		ND	mg/L	1	06/27/2014 19:26	100023
Dibenzo(a,h)anthracene	NELAP	0.0001		ND	mg/L	1	06/27/2014 19:26	100023
Fluoranthene	NELAP	0.0001		ND	mg/L	1	06/27/2014 19:26	100023
Fluorene	NELAP	0.0001		ND	mg/L	1	06/27/2014 19:26	100023
Indeno(1,2,3-cd)pyrene	NELAP	0.0001		ND	mg/L	1	06/27/2014 19:26	100023
Naphthalene	NELAP	0.0001		ND	mg/L	1	06/27/2014 19:26	100023
Phenanthrene	NELAP	0.0001		ND	mg/L	1	06/27/2014 19:26	100023
Pyrene	NELAP	0.0001		ND	mg/L	1	06/27/2014 19:26	100023
Surr: 2-Fluorobiphenyl		34.3-105		80.2	%REC	1	06/27/2014 19:26	100023
Surr: Nitrobenzene-d5		36.4-127		60.4	%REC	1	06/27/2014 19:26	100023
Surr: p-Terphenyl-d14		6.05-133		69.8	%REC	1	06/27/2014 19:26	100023
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2		ND	µg/L	1	06/27/2014 15:41	100062
Ethylbenzene	NELAP	5		ND	µg/L	1	06/27/2014 15:41	100062
Toluene	NELAP	5		ND	µg/L	1	06/27/2014 15:41	100062
Xylenes, Total	NELAP	5		ND	µg/L	1	06/27/2014 15:41	100062
Surr: 1,2-Dichloroethane-d4		74.7-129		85.6	%REC	1	06/27/2014 15:41	100062
Surr: 4-Bromofluorobenzene		86-119		100.9	%REC	1	06/27/2014 15:41	100062
Surr: Dibromofluoromethane		81.7-123		97.9	%REC	1	06/27/2014 15:41	100062
Surr: Toluene-d8		84.3-114		98.6	%REC	1	06/27/2014 15:41	100062

Client: PSC Industrial Outsourcing, LP

Work Order: 14061507

Client Project: Ameren Champaign MGP 624-1201-0008

Report Date: 07-Jul-14

Lab ID: 14061507-005

Client Sample ID: UMW-106R

Matrix: GROUNDWATER

Collection Date: 06/24/2014 8:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.007		<b>0.02</b>	mg/L	1	06/30/2014 12:18	100032
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/27/2014 19:56	100023
Acenaphthylene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/27/2014 19:56	100023
Anthracene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/27/2014 19:56	100023
Benzo(a)anthracene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/27/2014 19:56	100023
Benzo(a)pyrene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/27/2014 19:56	100023
Benzo(b)fluoranthene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/27/2014 19:56	100023
Benzo(g,h,i)perylene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/27/2014 19:56	100023
Benzo(k)fluoranthene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/27/2014 19:56	100023
Chrysene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/27/2014 19:56	100023
Dibenzo(a,h)anthracene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/27/2014 19:56	100023
Fluoranthene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/27/2014 19:56	100023
Fluorene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/27/2014 19:56	100023
Indeno(1,2,3-cd)pyrene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/27/2014 19:56	100023
Naphthalene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/27/2014 19:56	100023
Phenanthrene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/27/2014 19:56	100023
Pyrene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/27/2014 19:56	100023
Surr: 2-Fluorobiphenyl		34.3-105		<b>78.2</b>	%REC	1	06/27/2014 19:56	100023
Surr: Nitrobenzene-d5		36.4-127		<b>59</b>	%REC	1	06/27/2014 19:56	100023
Surr: p-Terphenyl-d14		6.05-133		<b>70.8</b>	%REC	1	06/27/2014 19:56	100023
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2		<b>ND</b>	µg/L	1	06/27/2014 16:08	100062
Ethylbenzene	NELAP	5		<b>ND</b>	µg/L	1	06/27/2014 16:08	100062
Toluene	NELAP	5		<b>ND</b>	µg/L	1	06/27/2014 16:08	100062
Xylenes, Total	NELAP	5		<b>ND</b>	µg/L	1	06/27/2014 16:08	100062
Surr: 1,2-Dichloroethane-d4		74.7-129		<b>86.9</b>	%REC	1	06/27/2014 16:08	100062
Surr: 4-Bromofluorobenzene		86-119		<b>100</b>	%REC	1	06/27/2014 16:08	100062
Surr: Dibromofluoromethane		81.7-123		<b>98.4</b>	%REC	1	06/27/2014 16:08	100062
Surr: Toluene-d8		84.3-114		<b>99.2</b>	%REC	1	06/27/2014 16:08	100062

Client: PSC Industrial Outsourcing, LP

Work Order: 14061507

Client Project: Ameren Champaign MGP 624-1201-0008

Report Date: 07-Jul-14

Lab ID: 14061507-006

Client Sample ID: UMW-305

Matrix: GROUNDWATER

Collection Date: 06/24/2014 8:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.007		<b>0.045</b>	mg/L	1	06/30/2014 12:23	100032
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.0001		ND	mg/L	1	06/27/2014 20:25	100023
Acenaphthylene	NELAP	0.0001		ND	mg/L	1	06/27/2014 20:25	100023
Anthracene	NELAP	0.0001		ND	mg/L	1	06/27/2014 20:25	100023
Benzo(a)anthracene	NELAP	0.0001		ND	mg/L	1	06/27/2014 20:25	100023
Benzo(a)pyrene	NELAP	0.0001		ND	mg/L	1	06/27/2014 20:25	100023
Benzo(b)fluoranthene	NELAP	0.0001		ND	mg/L	1	06/27/2014 20:25	100023
Benzo(g,h,i)perylene	NELAP	0.0001		ND	mg/L	1	06/27/2014 20:25	100023
Benzo(k)fluoranthene	NELAP	0.0001		ND	mg/L	1	06/27/2014 20:25	100023
Chrysene	NELAP	0.0001		ND	mg/L	1	06/27/2014 20:25	100023
Dibenzo(a,h)anthracene	NELAP	0.0001		ND	mg/L	1	06/27/2014 20:25	100023
Fluoranthene	NELAP	0.0001		ND	mg/L	1	06/27/2014 20:25	100023
Fluorene	NELAP	0.0001		ND	mg/L	1	06/27/2014 20:25	100023
Indeno(1,2,3-cd)pyrene	NELAP	0.0001		ND	mg/L	1	06/27/2014 20:25	100023
Naphthalene	NELAP	0.0001		ND	mg/L	1	06/27/2014 20:25	100023
Phenanthrene	NELAP	0.0001		ND	mg/L	1	06/27/2014 20:25	100023
Pyrene	NELAP	0.0001		ND	mg/L	1	06/27/2014 20:25	100023
Surr: 2-Fluorobiphenyl		34.3-105		<b>79.6</b>	%REC	1	06/27/2014 20:25	100023
Surr: Nitrobenzene-d5		36.4-127		<b>59.6</b>	%REC	1	06/27/2014 20:25	100023
Surr: p-Terphenyl-d14		6.05-133		<b>71</b>	%REC	1	06/27/2014 20:25	100023
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2		ND	µg/L	1	06/27/2014 16:35	100062
Ethylbenzene	NELAP	5		ND	µg/L	1	06/27/2014 16:35	100062
Toluene	NELAP	5		ND	µg/L	1	06/27/2014 16:35	100062
Xylenes, Total	NELAP	5		ND	µg/L	1	06/27/2014 16:35	100062
Surr: 1,2-Dichloroethane-d4		74.7-129		<b>87</b>	%REC	1	06/27/2014 16:35	100062
Surr: 4-Bromofluorobenzene		86-119		<b>99.6</b>	%REC	1	06/27/2014 16:35	100062
Surr: Dibromofluoromethane		81.7-123		<b>99.1</b>	%REC	1	06/27/2014 16:35	100062
Surr: Toluene-d8		84.3-114		<b>99</b>	%REC	1	06/27/2014 16:35	100062

Client: PSC Industrial Outsourcing, LP

Work Order: 14061507

Client Project: Ameren Champaign MGP 624-1201-0008

Report Date: 07-Jul-14

Lab ID: 14061507-007

Client Sample ID: UMW-120

Matrix: GROUNDWATER

Collection Date: 06/24/2014 9:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.007		< 0.007	mg/L	1	06/30/2014 13:06	100032
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.0001		ND	mg/L	1	06/27/2014 20:55	100023
Acenaphthylene	NELAP	0.0001		ND	mg/L	1	06/27/2014 20:55	100023
Anthracene	NELAP	0.0001		ND	mg/L	1	06/27/2014 20:55	100023
Benzo(a)anthracene	NELAP	0.0001		ND	mg/L	1	06/27/2014 20:55	100023
Benzo(a)pyrene	NELAP	0.0001		ND	mg/L	1	06/27/2014 20:55	100023
Benzo(b)fluoranthene	NELAP	0.0001		ND	mg/L	1	06/27/2014 20:55	100023
Benzo(g,h,i)perylene	NELAP	0.0001		ND	mg/L	1	06/27/2014 20:55	100023
Benzo(k)fluoranthene	NELAP	0.0001		ND	mg/L	1	06/27/2014 20:55	100023
Chrysene	NELAP	0.0001		ND	mg/L	1	06/27/2014 20:55	100023
Dibenzo(a,h)anthracene	NELAP	0.0001		ND	mg/L	1	06/27/2014 20:55	100023
Fluoranthene	NELAP	0.0001		ND	mg/L	1	06/27/2014 20:55	100023
Fluorene	NELAP	0.0001		ND	mg/L	1	06/27/2014 20:55	100023
Indeno(1,2,3-cd)pyrene	NELAP	0.0001		ND	mg/L	1	06/27/2014 20:55	100023
Naphthalene	NELAP	0.0001		ND	mg/L	1	06/27/2014 20:55	100023
Phenanthrene	NELAP	0.0001		ND	mg/L	1	06/27/2014 20:55	100023
Pyrene	NELAP	0.0001		ND	mg/L	1	06/27/2014 20:55	100023
Surr: 2-Fluorobiphenyl		34.3-105		76	%REC	1	06/27/2014 20:55	100023
Surr: Nitrobenzene-d5		36.4-127		57.2	%REC	1	06/27/2014 20:55	100023
Surr: p-Terphenyl-d14		6.05-133		69.4	%REC	1	06/27/2014 20:55	100023
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2		ND	µg/L	1	06/27/2014 17:02	100062
Ethylbenzene	NELAP	5		ND	µg/L	1	06/27/2014 17:02	100062
Toluene	NELAP	5		ND	µg/L	1	06/27/2014 17:02	100062
Xylenes, Total	NELAP	5		ND	µg/L	1	06/27/2014 17:02	100062
Surr: 1,2-Dichloroethane-d4		74.7-129		86.2	%REC	1	06/27/2014 17:02	100062
Surr: 4-Bromofluorobenzene		86-119		101.1	%REC	1	06/27/2014 17:02	100062
Surr: Dibromofluoromethane		81.7-123		97.8	%REC	1	06/27/2014 17:02	100062
Surr: Toluene-d8		84.3-114		99.8	%REC	1	06/27/2014 17:02	100062

Client: PSC Industrial Outsourcing, LP

Work Order: 14061507

Client Project: Ameren Champaign MGP 624-1201-0008

Report Date: 07-Jul-14

Lab ID: 14061507-008

Client Sample ID: UMW-306

Matrix: GROUNDWATER

Collection Date: 06/24/2014 9:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.007		<b>0.028</b>	mg/L	1	06/30/2014 13:10	100032
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.0001		ND	mg/L	1	06/27/2014 21:24	100023
Acenaphthylene	NELAP	0.0001		ND	mg/L	1	06/27/2014 21:24	100023
Anthracene	NELAP	0.0001		ND	mg/L	1	06/27/2014 21:24	100023
Benzo(a)anthracene	NELAP	0.0001		ND	mg/L	1	06/27/2014 21:24	100023
Benzo(a)pyrene	NELAP	0.0001		ND	mg/L	1	06/27/2014 21:24	100023
Benzo(b)fluoranthene	NELAP	0.0001		ND	mg/L	1	06/27/2014 21:24	100023
Benzo(g,h,i)perylene	NELAP	0.0001		ND	mg/L	1	06/27/2014 21:24	100023
Benzo(k)fluoranthene	NELAP	0.0001		ND	mg/L	1	06/27/2014 21:24	100023
Chrysene	NELAP	0.0001		ND	mg/L	1	06/27/2014 21:24	100023
Dibenzo(a,h)anthracene	NELAP	0.0001		ND	mg/L	1	06/27/2014 21:24	100023
Fluoranthene	NELAP	0.0001		ND	mg/L	1	06/27/2014 21:24	100023
Fluorene	NELAP	0.0001		ND	mg/L	1	06/27/2014 21:24	100023
Indeno(1,2,3-cd)pyrene	NELAP	0.0001		ND	mg/L	1	06/27/2014 21:24	100023
Naphthalene	NELAP	0.0001		ND	mg/L	1	06/27/2014 21:24	100023
Phenanthrene	NELAP	0.0001		ND	mg/L	1	06/27/2014 21:24	100023
Pyrene	NELAP	0.0001		ND	mg/L	1	06/27/2014 21:24	100023
Surr: 2-Fluorobiphenyl		34.3-105		<b>76.8</b>	%REC	1	06/27/2014 21:24	100023
Surr: Nitrobenzene-d5		36.4-127		<b>56.8</b>	%REC	1	06/27/2014 21:24	100023
Surr: p-Terphenyl-d14		6.05-133		<b>67</b>	%REC	1	06/27/2014 21:24	100023
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2		ND	µg/L	1	06/27/2014 17:29	100062
Ethylbenzene	NELAP	5		ND	µg/L	1	06/27/2014 17:29	100062
Toluene	NELAP	5		ND	µg/L	1	06/27/2014 17:29	100062
Xylenes, Total	NELAP	5		ND	µg/L	1	06/27/2014 17:29	100062
Surr: 1,2-Dichloroethane-d4		74.7-129		<b>87</b>	%REC	1	06/27/2014 17:29	100062
Surr: 4-Bromofluorobenzene		86-119		<b>99.8</b>	%REC	1	06/27/2014 17:29	100062
Surr: Dibromofluoromethane		81.7-123		<b>98.2</b>	%REC	1	06/27/2014 17:29	100062
Surr: Toluene-d8		84.3-114		<b>98.7</b>	%REC	1	06/27/2014 17:29	100062



## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 14061507

**Client Project:** Ameren Champaign MGP 624-1201-0008

**Report Date:** 07-Jul-14

**Lab ID:** 14061507-009

**Client Sample ID:** UMW-307

**Matrix:** GROUNDWATER

**Collection Date:** 06/24/2014 10:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.038	S	<b>0.106</b>	mg/L	5	07/03/2014 14:09	100184
<i>MS and MSD did not recover within control limits due to matrix interference. Verified by re-analysis.</i>								
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 0:04	100023
Acenaphthylene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 0:04	100023
Anthracene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 0:04	100023
Benzo(a)anthracene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 0:04	100023
Benzo(a)pyrene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 0:04	100023
Benzo(b)fluoranthene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 0:04	100023
Benzo(g,h,i)perylene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 0:04	100023
Benzo(k)fluoranthene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 0:04	100023
Chrysene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 0:04	100023
Dibenzo(a,h)anthracene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 0:04	100023
Fluoranthene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 0:04	100023
Fluorene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 0:04	100023
Indeno(1,2,3-cd)pyrene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 0:04	100023
Naphthalene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 0:04	100023
Phenanthrene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 0:04	100023
Pyrene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 0:04	100023
Surr: 2-Fluorobiphenyl		34.3-105		<b>75</b>	%REC	1	06/28/2014 0:04	100023
Surr: Nitrobenzene-d5		36.4-127		<b>57</b>	%REC	1	06/28/2014 0:04	100023
Surr: p-Terphenyl-d14		6.05-133		<b>70.8</b>	%REC	1	06/28/2014 0:04	100023
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2		<b>ND</b>	µg/L	1	06/27/2014 17:56	100062
Ethylbenzene	NELAP	5		<b>ND</b>	µg/L	1	06/27/2014 17:56	100062
Toluene	NELAP	5		<b>ND</b>	µg/L	1	06/27/2014 17:56	100062
Xylenes, Total	NELAP	5		<b>ND</b>	µg/L	1	06/27/2014 17:56	100062
Surr: 1,2-Dichloroethane-d4		74.7-129		<b>88.4</b>	%REC	1	06/27/2014 17:56	100062
Surr: 4-Bromofluorobenzene		86-119		<b>100.1</b>	%REC	1	06/27/2014 17:56	100062
Surr: Dibromofluoromethane		81.7-123		<b>99</b>	%REC	1	06/27/2014 17:56	100062
Surr: Toluene-d8		84.3-114		<b>99.1</b>	%REC	1	06/27/2014 17:56	100062



## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 14061507

**Client Project:** Ameren Champaign MGP 624-1201-0008

**Report Date:** 07-Jul-14

**Lab ID:** 14061507-010

**Client Sample ID:** UMW-102

**Matrix:** GROUNDWATER

**Collection Date:** 06/24/2014 11:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.007		< 0.007	mg/L	1	06/30/2014 13:23	100032
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.0001		ND	mg/L	1	06/27/2014 21:54	100023
Acenaphthylene	NELAP	0.0001		ND	mg/L	1	06/27/2014 21:54	100023
Anthracene	NELAP	0.0001		ND	mg/L	1	06/27/2014 21:54	100023
Benzo(a)anthracene	NELAP	0.0001		ND	mg/L	1	06/27/2014 21:54	100023
Benzo(a)pyrene	NELAP	0.0001		ND	mg/L	1	06/27/2014 21:54	100023
Benzo(b)fluoranthene	NELAP	0.0001		ND	mg/L	1	06/27/2014 21:54	100023
Benzo(g,h,i)perylene	NELAP	0.0001		ND	mg/L	1	06/27/2014 21:54	100023
Benzo(k)fluoranthene	NELAP	0.0001		ND	mg/L	1	06/27/2014 21:54	100023
Chrysene	NELAP	0.0001		ND	mg/L	1	06/27/2014 21:54	100023
Dibenzo(a,h)anthracene	NELAP	0.0001		ND	mg/L	1	06/27/2014 21:54	100023
Fluoranthene	NELAP	0.0001		ND	mg/L	1	06/27/2014 21:54	100023
Fluorene	NELAP	0.0001		ND	mg/L	1	06/27/2014 21:54	100023
Indeno(1,2,3-cd)pyrene	NELAP	0.0001		ND	mg/L	1	06/27/2014 21:54	100023
Naphthalene	NELAP	0.0001		ND	mg/L	1	06/27/2014 21:54	100023
Phenanthrene	NELAP	0.0001		ND	mg/L	1	06/27/2014 21:54	100023
Pyrene	NELAP	0.0001		ND	mg/L	1	06/27/2014 21:54	100023
Surr: 2-Fluorobiphenyl		34.3-105		75.8	%REC	1	06/27/2014 21:54	100023
Surr: Nitrobenzene-d5		36.4-127		55.2	%REC	1	06/27/2014 21:54	100023
Surr: p-Terphenyl-d14		6.05-133		71.4	%REC	1	06/27/2014 21:54	100023
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2		ND	µg/L	1	06/27/2014 19:16	100062
Ethylbenzene	NELAP	5		ND	µg/L	1	06/27/2014 19:16	100062
Toluene	NELAP	5		ND	µg/L	1	06/27/2014 19:16	100062
Xylenes, Total	NELAP	5		ND	µg/L	1	06/27/2014 19:16	100062
Surr: 1,2-Dichloroethane-d4		74.7-129		88.5	%REC	1	06/27/2014 19:16	100062
Surr: 4-Bromofluorobenzene		86-119		101.7	%REC	1	06/27/2014 19:16	100062
Surr: Dibromofluoromethane		81.7-123		98.6	%REC	1	06/27/2014 19:16	100062
Surr: Toluene-d8		84.3-114		98.7	%REC	1	06/27/2014 19:16	100062





## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 14061507

**Client Project:** Ameren Champaign MGP 624-1201-0008

**Report Date:** 07-Jul-14

**Lab ID:** 14061507-011

**Client Sample ID:** UMW-121

**Matrix:** GROUNDWATER

**Collection Date:** 06/24/2014 13:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.07	S	<b>0.282</b>	mg/L	10	07/03/2014 14:27	100184
<i>MS and MSD did not recover within control limits due to matrix interference. Verified by re-analysis.</i>								
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/27/2014 22:23	100023
Acenaphthylene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/27/2014 22:23	100023
Anthracene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/27/2014 22:23	100023
Benzo(a)anthracene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/27/2014 22:23	100023
Benzo(a)pyrene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/27/2014 22:23	100023
Benzo(b)fluoranthene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/27/2014 22:23	100023
Benzo(g,h,i)perylene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/27/2014 22:23	100023
Benzo(k)fluoranthene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/27/2014 22:23	100023
Chrysene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/27/2014 22:23	100023
Dibenzo(a,h)anthracene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/27/2014 22:23	100023
Fluoranthene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/27/2014 22:23	100023
Fluorene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/27/2014 22:23	100023
Indeno(1,2,3-cd)pyrene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/27/2014 22:23	100023
Naphthalene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/27/2014 22:23	100023
Phenanthrene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/27/2014 22:23	100023
Pyrene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/27/2014 22:23	100023
Surr: 2-Fluorobiphenyl		34.3-105		<b>69</b>	%REC	1	06/27/2014 22:23	100023
Surr: Nitrobenzene-d5		36.4-127		<b>51</b>	%REC	1	06/27/2014 22:23	100023
Surr: p-Terphenyl-d14		6.05-133		<b>69</b>	%REC	1	06/27/2014 22:23	100023
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2		<b>ND</b>	µg/L	1	06/27/2014 19:43	100062
Ethylbenzene	NELAP	5		<b>ND</b>	µg/L	1	06/27/2014 19:43	100062
Toluene	NELAP	5		<b>ND</b>	µg/L	1	06/27/2014 19:43	100062
Xylenes, Total	NELAP	5		<b>ND</b>	µg/L	1	06/27/2014 19:43	100062
Surr: 1,2-Dichloroethane-d4		74.7-129		<b>89.9</b>	%REC	1	06/27/2014 19:43	100062
Surr: 4-Bromofluorobenzene		86-119		<b>100.8</b>	%REC	1	06/27/2014 19:43	100062
Surr: Dibromofluoromethane		81.7-123		<b>100</b>	%REC	1	06/27/2014 19:43	100062
Surr: Toluene-d8		84.3-114		<b>99</b>	%REC	1	06/27/2014 19:43	100062



## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 14061507

**Client Project:** Ameren Champaign MGP 624-1201-0008

**Report Date:** 07-Jul-14

**Lab ID:** 14061507-012

**Client Sample ID:** UMW-302

**Matrix:** GROUNDWATER

**Collection Date:** 06/24/2014 14:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.07		<b>0.202</b>	mg/L	10	06/30/2014 14:19	100069
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 1:32	100023
Acenaphthylene	NELAP	0.0001		<b>0.00029</b>	mg/L	1	06/28/2014 1:32	100023
Anthracene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 1:32	100023
Benzo(a)anthracene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 1:32	100023
Benzo(a)pyrene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 1:32	100023
Benzo(b)fluoranthene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 1:32	100023
Benzo(g,h,i)perylene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 1:32	100023
Benzo(k)fluoranthene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 1:32	100023
Chrysene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 1:32	100023
Dibenzo(a,h)anthracene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 1:32	100023
Fluoranthene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 1:32	100023
Fluorene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 1:32	100023
Indeno(1,2,3-cd)pyrene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 1:32	100023
Naphthalene	NELAP	0.01		<b>1.6</b>	mg/L	100	06/30/2014 12:26	100023
Phenanthrene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 1:32	100023
Pyrene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 1:32	100023
Surr: 2-Fluorobiphenyl		34.3-105		<b>61.6</b>	%REC	1	06/28/2014 1:32	100023
Surr: Nitrobenzene-d5		36.4-127		<b>48.3</b>	%REC	1	06/28/2014 1:32	100023
Surr: p-Terphenyl-d14		6.05-133		<b>57.5</b>	%REC	1	06/28/2014 1:32	100023
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	20		<b>1600</b>	µg/L	10	06/27/2014 20:10	100062
Ethylbenzene	NELAP	50		<b>1270</b>	µg/L	10	06/27/2014 20:10	100062
Toluene	NELAP	50	J	<b>17</b>	µg/L	10	06/27/2014 20:10	100062
Xylenes, Total	NELAP	50		<b>254</b>	µg/L	10	06/27/2014 20:10	100062
Surr: 1,2-Dichloroethane-d4		74.7-129		<b>88</b>	%REC	10	06/27/2014 20:10	100062
Surr: 4-Bromofluorobenzene		86-119		<b>100.5</b>	%REC	10	06/27/2014 20:10	100062
Surr: Dibromofluoromethane		81.7-123		<b>96.6</b>	%REC	10	06/27/2014 20:10	100062
Surr: Toluene-d8		84.3-114		<b>100.4</b>	%REC	10	06/27/2014 20:10	100062

*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:** 14061507

**Client Project:** Ameren Champaign MGP 624-1201-0008

**Report Date:** 07-Jul-14

**Lab ID:** 14061507-013

**Client Sample ID:** UMW-902

**Matrix:** GROUNDWATER

**Collection Date:** 06/24/2014 14:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.071		<b>0.196</b>	mg/L	10	06/30/2014 14:37	100069
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 2:02	100023
Acenaphthylene	NELAP	0.0001		<b>0.00028</b>	mg/L	1	06/28/2014 2:02	100023
Anthracene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 2:02	100023
Benzo(a)anthracene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 2:02	100023
Benzo(a)pyrene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 2:02	100023
Benzo(b)fluoranthene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 2:02	100023
Benzo(g,h,i)perylene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 2:02	100023
Benzo(k)fluoranthene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 2:02	100023
Chrysene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 2:02	100023
Dibenzo(a,h)anthracene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 2:02	100023
Fluoranthene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 2:02	100023
Fluorene	NELAP	0.0001		<b>0.0001</b>	mg/L	1	06/28/2014 2:02	100023
Indeno(1,2,3-cd)pyrene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 2:02	100023
Naphthalene	NELAP	0.01		<b>1.47</b>	mg/L	100	06/30/2014 12:56	100023
Phenanthrene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 2:02	100023
Pyrene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 2:02	100023
Surr: 2-Fluorobiphenyl		34.3-105		<b>59</b>	%REC	1	06/28/2014 2:02	100023
Surr: Nitrobenzene-d5		36.4-127		<b>45.1</b>	%REC	1	06/28/2014 2:02	100023
Surr: p-Terphenyl-d14		6.05-133		<b>58</b>	%REC	1	06/28/2014 2:02	100023
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	20		<b>1460</b>	µg/L	10	06/27/2014 20:37	100062
Ethylbenzene	NELAP	50		<b>1140</b>	µg/L	10	06/27/2014 20:37	100062
Toluene	NELAP	50	J	<b>16</b>	µg/L	10	06/27/2014 20:37	100062
Xylenes, Total	NELAP	50		<b>237</b>	µg/L	10	06/27/2014 20:37	100062
Surr: 1,2-Dichloroethane-d4		74.7-129		<b>88.2</b>	%REC	10	06/27/2014 20:37	100062
Surr: 4-Bromofluorobenzene		86-119		<b>99.6</b>	%REC	10	06/27/2014 20:37	100062
Surr: Dibromofluoromethane		81.7-123		<b>96.6</b>	%REC	10	06/27/2014 20:37	100062
Surr: Toluene-d8		84.3-114		<b>101.6</b>	%REC	10	06/27/2014 20:37	100062

*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:** 14061507

**Client Project:** Ameren Champaign MGP 624-1201-0008

**Report Date:** 07-Jul-14

**Lab ID:** 14061507-014

**Client Sample ID:** UMW-119

**Matrix:** GROUNDWATER

**Collection Date:** 06/24/2014 14:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.007		<b>0.041</b>	mg/L	1	06/30/2014 13:32	100069
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.0001		ND	mg/L	1	06/28/2014 2:31	100023
Acenaphthylene	NELAP	0.0001		ND	mg/L	1	06/28/2014 2:31	100023
Anthracene	NELAP	0.0001		ND	mg/L	1	06/28/2014 2:31	100023
Benzo(a)anthracene	NELAP	0.0001		ND	mg/L	1	06/28/2014 2:31	100023
Benzo(a)pyrene	NELAP	0.0001		ND	mg/L	1	06/28/2014 2:31	100023
Benzo(b)fluoranthene	NELAP	0.0001		ND	mg/L	1	06/28/2014 2:31	100023
Benzo(g,h,i)perylene	NELAP	0.0001		ND	mg/L	1	06/28/2014 2:31	100023
Benzo(k)fluoranthene	NELAP	0.0001		ND	mg/L	1	06/28/2014 2:31	100023
Chrysene	NELAP	0.0001		ND	mg/L	1	06/28/2014 2:31	100023
Dibenzo(a,h)anthracene	NELAP	0.0001		ND	mg/L	1	06/28/2014 2:31	100023
Fluoranthene	NELAP	0.0001		ND	mg/L	1	06/28/2014 2:31	100023
Fluorene	NELAP	0.0001		ND	mg/L	1	06/28/2014 2:31	100023
Indeno(1,2,3-cd)pyrene	NELAP	0.0001		ND	mg/L	1	06/28/2014 2:31	100023
Naphthalene	NELAP	0.0001		<b>0.00036</b>	mg/L	1	06/28/2014 2:31	100023
Phenanthrene	NELAP	0.0001		ND	mg/L	1	06/28/2014 2:31	100023
Pyrene	NELAP	0.0001		ND	mg/L	1	06/28/2014 2:31	100023
Surr: 2-Fluorobiphenyl		34.3-105		<b>73.2</b>	%REC	1	06/28/2014 2:31	100023
Surr: Nitrobenzene-d5		36.4-127		<b>55.4</b>	%REC	1	06/28/2014 2:31	100023
Surr: p-Terphenyl-d14		6.05-133		<b>68</b>	%REC	1	06/28/2014 2:31	100023
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2		ND	µg/L	1	06/27/2014 21:04	100062
Ethylbenzene	NELAP	5		ND	µg/L	1	06/27/2014 21:04	100062
Toluene	NELAP	5		ND	µg/L	1	06/27/2014 21:04	100062
Xylenes, Total	NELAP	5		ND	µg/L	1	06/27/2014 21:04	100062
Surr: 1,2-Dichloroethane-d4		74.7-129		<b>90.4</b>	%REC	1	06/27/2014 21:04	100062
Surr: 4-Bromofluorobenzene		86-119		<b>100.5</b>	%REC	1	06/27/2014 21:04	100062
Surr: Dibromofluoromethane		81.7-123		<b>100.2</b>	%REC	1	06/27/2014 21:04	100062
Surr: Toluene-d8		84.3-114		<b>100.3</b>	%REC	1	06/27/2014 21:04	100062



## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 14061507

**Client Project:** Ameren Champaign MGP 624-1201-0008

**Report Date:** 07-Jul-14

**Lab ID:** 14061507-015

**Client Sample ID:** UMW-111A

**Matrix:** GROUNDWATER

**Collection Date:** 06/24/2014 15:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.007		< 0.007	mg/L	1	06/30/2014 13:36	100069
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.0001		ND	mg/L	1	06/28/2014 3:01	100023
Acenaphthylene	NELAP	0.0001		ND	mg/L	1	06/28/2014 3:01	100023
Anthracene	NELAP	0.0001		ND	mg/L	1	06/28/2014 3:01	100023
Benzo(a)anthracene	NELAP	0.0001		ND	mg/L	1	06/28/2014 3:01	100023
Benzo(a)pyrene	NELAP	0.0001		ND	mg/L	1	06/28/2014 3:01	100023
Benzo(b)fluoranthene	NELAP	0.0001		ND	mg/L	1	06/28/2014 3:01	100023
Benzo(g,h,i)perylene	NELAP	0.0001		ND	mg/L	1	06/28/2014 3:01	100023
Benzo(k)fluoranthene	NELAP	0.0001		ND	mg/L	1	06/28/2014 3:01	100023
Chrysene	NELAP	0.0001		ND	mg/L	1	06/28/2014 3:01	100023
Dibenzo(a,h)anthracene	NELAP	0.0001		ND	mg/L	1	06/28/2014 3:01	100023
Fluoranthene	NELAP	0.0001		ND	mg/L	1	06/28/2014 3:01	100023
Fluorene	NELAP	0.0001		ND	mg/L	1	06/28/2014 3:01	100023
Indeno(1,2,3-cd)pyrene	NELAP	0.0001		ND	mg/L	1	06/28/2014 3:01	100023
Naphthalene	NELAP	0.0001		ND	mg/L	1	06/28/2014 3:01	100023
Phenanthrene	NELAP	0.0001		ND	mg/L	1	06/28/2014 3:01	100023
Pyrene	NELAP	0.0001		ND	mg/L	1	06/28/2014 3:01	100023
Surr: 2-Fluorobiphenyl		34.3-105		69.8	%REC	1	06/28/2014 3:01	100023
Surr: Nitrobenzene-d5		36.4-127		52.2	%REC	1	06/28/2014 3:01	100023
Surr: p-Terphenyl-d14		6.05-133		63.8	%REC	1	06/28/2014 3:01	100023
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2		ND	µg/L	1	06/27/2014 21:31	100062
Ethylbenzene	NELAP	5		ND	µg/L	1	06/27/2014 21:31	100062
Toluene	NELAP	5		ND	µg/L	1	06/27/2014 21:31	100062
Xylenes, Total	NELAP	5		ND	µg/L	1	06/27/2014 21:31	100062
Surr: 1,2-Dichloroethane-d4		74.7-129		93.2	%REC	1	06/27/2014 21:31	100062
Surr: 4-Bromofluorobenzene		86-119		100.8	%REC	1	06/27/2014 21:31	100062
Surr: Dibromofluoromethane		81.7-123		99.3	%REC	1	06/27/2014 21:31	100062
Surr: Toluene-d8		84.3-114		98.2	%REC	1	06/27/2014 21:31	100062



## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 14061507

**Client Project:** Ameren Champaign MGP 624-1201-0008

**Report Date:** 07-Jul-14

**Lab ID:** 14061507-016

**Client Sample ID:** UMW-105

**Matrix:** GROUNDWATER

**Collection Date:** 06/24/2014 15:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.035		<b>0.081</b>	mg/L	5	06/30/2014 15:03	100069
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 3:30	100023
Acenaphthylene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 3:30	100023
Anthracene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 3:30	100023
Benzo(a)anthracene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 3:30	100023
Benzo(a)pyrene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 3:30	100023
Benzo(b)fluoranthene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 3:30	100023
Benzo(g,h,i)perylene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 3:30	100023
Benzo(k)fluoranthene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 3:30	100023
Chrysene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 3:30	100023
Dibenzo(a,h)anthracene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 3:30	100023
Fluoranthene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 3:30	100023
Fluorene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 3:30	100023
Indeno(1,2,3-cd)pyrene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 3:30	100023
Naphthalene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 3:30	100023
Phenanthrene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 3:30	100023
Pyrene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/28/2014 3:30	100023
Surr: 2-Fluorobiphenyl		34.3-105		<b>75.8</b>	%REC	1	06/28/2014 3:30	100023
Surr: Nitrobenzene-d5		36.4-127		<b>57</b>	%REC	1	06/28/2014 3:30	100023
Surr: p-Terphenyl-d14		6.05-133		<b>67.8</b>	%REC	1	06/28/2014 3:30	100023
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2		<b>ND</b>	µg/L	1	06/27/2014 21:58	100062
Ethylbenzene	NELAP	5		<b>ND</b>	µg/L	1	06/27/2014 21:58	100062
Toluene	NELAP	5		<b>ND</b>	µg/L	1	06/27/2014 21:58	100062
Xylenes, Total	NELAP	5		<b>ND</b>	µg/L	1	06/27/2014 21:58	100062
Surr: 1,2-Dichloroethane-d4		74.7-129		<b>90.8</b>	%REC	1	06/27/2014 21:58	100062
Surr: 4-Bromofluorobenzene		86-119		<b>98.8</b>	%REC	1	06/27/2014 21:58	100062
Surr: Dibromofluoromethane		81.7-123		<b>94.8</b>	%REC	1	06/27/2014 21:58	100062
Surr: Toluene-d8		84.3-114		<b>99.8</b>	%REC	1	06/27/2014 21:58	100062



## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 14061507

**Client Project:** Ameren Champaign MGP 624-1201-0008

**Report Date:** 07-Jul-14

**Lab ID:** 14061507-017

**Client Sample ID:** UMW-300

**Matrix:** GROUNDWATER

**Collection Date:** 06/24/2014 16:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.007		< 0.007	mg/L	1	06/30/2014 14:28	100069
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.0001		ND	mg/L	1	06/30/2014 15:31	100065
Acenaphthylene	NELAP	0.0001		ND	mg/L	1	06/30/2014 15:31	100065
Anthracene	NELAP	0.0001		ND	mg/L	1	06/30/2014 15:31	100065
Benzo(a)anthracene	NELAP	0.0001		ND	mg/L	1	06/30/2014 15:31	100065
Benzo(a)pyrene	NELAP	0.0001		ND	mg/L	1	06/30/2014 15:31	100065
Benzo(b)fluoranthene	NELAP	0.0001		ND	mg/L	1	06/30/2014 15:31	100065
Benzo(g,h,i)perylene	NELAP	0.0001		ND	mg/L	1	06/30/2014 15:31	100065
Benzo(k)fluoranthene	NELAP	0.0001		ND	mg/L	1	06/30/2014 15:31	100065
Chrysene	NELAP	0.0001		ND	mg/L	1	06/30/2014 15:31	100065
Dibenzo(a,h)anthracene	NELAP	0.0001		ND	mg/L	1	06/30/2014 15:31	100065
Fluoranthene	NELAP	0.0001		ND	mg/L	1	06/30/2014 15:31	100065
Fluorene	NELAP	0.0001		ND	mg/L	1	06/30/2014 15:31	100065
Indeno(1,2,3-cd)pyrene	NELAP	0.0001		ND	mg/L	1	06/30/2014 15:31	100065
Naphthalene	NELAP	0.0001		ND	mg/L	1	06/30/2014 15:31	100065
Phenanthrene	NELAP	0.0001		ND	mg/L	1	06/30/2014 15:31	100065
Pyrene	NELAP	0.0001		ND	mg/L	1	06/30/2014 15:31	100065
Surr: 2-Fluorobiphenyl		34.3-105		81.8	%REC	1	06/30/2014 15:31	100065
Surr: Nitrobenzene-d5		36.4-127		58.2	%REC	1	06/30/2014 15:31	100065
Surr: p-Terphenyl-d14		6.05-133		120.2	%REC	1	06/30/2014 15:31	100065
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2		ND	µg/L	1	06/30/2014 19:07	100084
Ethylbenzene	NELAP	5		ND	µg/L	1	06/30/2014 19:07	100084
Toluene	NELAP	5		ND	µg/L	1	06/30/2014 19:07	100084
Xylenes, Total	NELAP	5		ND	µg/L	1	06/30/2014 19:07	100084
Surr: 1,2-Dichloroethane-d4		74.7-129		99.9	%REC	1	06/30/2014 19:07	100084
Surr: 4-Bromofluorobenzene		86-119		99	%REC	1	06/30/2014 19:07	100084
Surr: Dibromofluoromethane		81.7-123		98.4	%REC	1	06/30/2014 19:07	100084
Surr: Toluene-d8		84.3-114		100.7	%REC	1	06/30/2014 19:07	100084



## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 14061507

**Client Project:** Ameren Champaign MGP 624-1201-0008

**Report Date:** 07-Jul-14

**Lab ID:** 14061507-018

**Client Sample ID:** UMW-108

**Matrix:** GROUNDWATER

**Collection Date:** 06/25/2014 8:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.007		<b>0.029</b>	mg/L	1	06/30/2014 14:32	100069
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 16:03	100065
Acenaphthylene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 16:03	100065
Anthracene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 16:03	100065
Benzo(a)anthracene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 16:03	100065
Benzo(a)pyrene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 16:03	100065
Benzo(b)fluoranthene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 16:03	100065
Benzo(g,h,i)perylene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 16:03	100065
Benzo(k)fluoranthene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 16:03	100065
Chrysene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 16:03	100065
Dibenzo(a,h)anthracene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 16:03	100065
Fluoranthene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 16:03	100065
Fluorene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 16:03	100065
Indeno(1,2,3-cd)pyrene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 16:03	100065
Naphthalene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 16:03	100065
Phenanthrene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 16:03	100065
Pyrene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 16:03	100065
Surr: 2-Fluorobiphenyl		34.3-105		<b>79.4</b>	%REC	1	06/30/2014 16:03	100065
Surr: Nitrobenzene-d5		36.4-127		<b>55.6</b>	%REC	1	06/30/2014 16:03	100065
Surr: p-Terphenyl-d14		6.05-133		<b>109</b>	%REC	1	06/30/2014 16:03	100065
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2		<b>ND</b>	µg/L	1	06/30/2014 19:36	100084
Ethylbenzene	NELAP	5		<b>ND</b>	µg/L	1	06/30/2014 19:36	100084
Toluene	NELAP	5		<b>ND</b>	µg/L	1	06/30/2014 19:36	100084
Xylenes, Total	NELAP	5		<b>ND</b>	µg/L	1	06/30/2014 19:36	100084
Surr: 1,2-Dichloroethane-d4		74.7-129		<b>99.7</b>	%REC	1	06/30/2014 19:36	100084
Surr: 4-Bromofluorobenzene		86-119		<b>97.8</b>	%REC	1	06/30/2014 19:36	100084
Surr: Dibromofluoromethane		81.7-123		<b>99.3</b>	%REC	1	06/30/2014 19:36	100084
Surr: Toluene-d8		84.3-114		<b>99.1</b>	%REC	1	06/30/2014 19:36	100084



Client: PSC Industrial Outsourcing, LP

Work Order: 14061507

Client Project: Ameren Champaign MGP 624-1201-0008

Report Date: 07-Jul-14

Lab ID: 14061507-019

Client Sample ID: UMW-117

Matrix: GROUNDWATER

Collection Date: 06/25/2014 9:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.007		< 0.007	mg/L	1	07/07/2014 12:30	100184
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.0001		ND	mg/L	1	06/30/2014 16:35	100065
Acenaphthylene	NELAP	0.0001		ND	mg/L	1	06/30/2014 16:35	100065
Anthracene	NELAP	0.0001		ND	mg/L	1	06/30/2014 16:35	100065
Benzo(a)anthracene	NELAP	0.0001		ND	mg/L	1	06/30/2014 16:35	100065
Benzo(a)pyrene	NELAP	0.0001		ND	mg/L	1	06/30/2014 16:35	100065
Benzo(b)fluoranthene	NELAP	0.0001		ND	mg/L	1	06/30/2014 16:35	100065
Benzo(g,h,i)perylene	NELAP	0.0001		ND	mg/L	1	06/30/2014 16:35	100065
Benzo(k)fluoranthene	NELAP	0.0001		ND	mg/L	1	06/30/2014 16:35	100065
Chrysene	NELAP	0.0001		ND	mg/L	1	06/30/2014 16:35	100065
Dibenzo(a,h)anthracene	NELAP	0.0001		ND	mg/L	1	06/30/2014 16:35	100065
Fluoranthene	NELAP	0.0001		ND	mg/L	1	06/30/2014 16:35	100065
Fluorene	NELAP	0.0001		ND	mg/L	1	06/30/2014 16:35	100065
Indeno(1,2,3-cd)pyrene	NELAP	0.0001		ND	mg/L	1	06/30/2014 16:35	100065
Naphthalene	NELAP	0.0001		ND	mg/L	1	06/30/2014 16:35	100065
Phenanthrene	NELAP	0.0001		ND	mg/L	1	06/30/2014 16:35	100065
Pyrene	NELAP	0.0001		ND	mg/L	1	06/30/2014 16:35	100065
Surr: 2-Fluorobiphenyl		34.3-105		83	%REC	1	06/30/2014 16:35	100065
Surr: Nitrobenzene-d5		36.4-127		58.2	%REC	1	06/30/2014 16:35	100065
Surr: p-Terphenyl-d14		6.05-133		123.2	%REC	1	06/30/2014 16:35	100065
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2		ND	µg/L	1	06/30/2014 20:05	100084
Ethylbenzene	NELAP	5		ND	µg/L	1	06/30/2014 20:05	100084
Toluene	NELAP	5		ND	µg/L	1	06/30/2014 20:05	100084
Xylenes, Total	NELAP	5		ND	µg/L	1	06/30/2014 20:05	100084
Surr: 1,2-Dichloroethane-d4		74.7-129		99.4	%REC	1	06/30/2014 20:05	100084
Surr: 4-Bromofluorobenzene		86-119		98.6	%REC	1	06/30/2014 20:05	100084
Surr: Dibromofluoromethane		81.7-123		98.9	%REC	1	06/30/2014 20:05	100084
Surr: Toluene-d8		84.3-114		100.7	%REC	1	06/30/2014 20:05	100084

Client: PSC Industrial Outsourcing, LP

Work Order: 14061507

Client Project: Ameren Champaign MGP 624-1201-0008

Report Date: 07-Jul-14

Lab ID: 14061507-020

Client Sample ID: UMW-107

Matrix: GROUNDWATER

Collection Date: 06/25/2014 9:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.14		0.761	mg/L	20	07/07/2014 11:55	100184
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.0001		ND	mg/L	1	06/30/2014 17:06	100065
Acenaphthylene	NELAP	0.0001		0.00014	mg/L	1	06/30/2014 17:06	100065
Anthracene	NELAP	0.0001		0.00012	mg/L	1	06/30/2014 17:06	100065
Benzo(a)anthracene	NELAP	0.0001		ND	mg/L	1	06/30/2014 17:06	100065
Benzo(a)pyrene	NELAP	0.0001		ND	mg/L	1	06/30/2014 17:06	100065
Benzo(b)fluoranthene	NELAP	0.0001		ND	mg/L	1	06/30/2014 17:06	100065
Benzo(g,h,i)perylene	NELAP	0.0001		ND	mg/L	1	06/30/2014 17:06	100065
Benzo(k)fluoranthene	NELAP	0.0001		ND	mg/L	1	06/30/2014 17:06	100065
Chrysene	NELAP	0.0001		ND	mg/L	1	06/30/2014 17:06	100065
Dibenzo(a,h)anthracene	NELAP	0.0001		ND	mg/L	1	06/30/2014 17:06	100065
Fluoranthene	NELAP	0.0001		ND	mg/L	1	06/30/2014 17:06	100065
Fluorene	NELAP	0.0001		ND	mg/L	1	06/30/2014 17:06	100065
Indeno(1,2,3-cd)pyrene	NELAP	0.0001		ND	mg/L	1	06/30/2014 17:06	100065
Naphthalene	NELAP	0.0001		0.0379	mg/L	1	06/30/2014 17:06	100065
Phenanthrene	NELAP	0.0001		ND	mg/L	1	06/30/2014 17:06	100065
Pyrene	NELAP	0.0001		ND	mg/L	1	06/30/2014 17:06	100065
Surr: 2-Fluorobiphenyl		34.3-105		72.8	%REC	1	06/30/2014 17:06	100065
Surr: Nitrobenzene-d5		36.4-127		54.8	%REC	1	06/30/2014 17:06	100065
Surr: p-Terphenyl-d14		6.05-133		108.2	%REC	1	06/30/2014 17:06	100065
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	10		142	µg/L	5	06/26/2014 17:59	100026
Ethylbenzene	NELAP	25	J	5.4	µg/L	5	06/26/2014 17:59	100026
Toluene	NELAP	25		ND	µg/L	5	06/26/2014 17:59	100026
Xylenes, Total	NELAP	25		ND	µg/L	5	06/26/2014 17:59	100026
Surr: 1,2-Dichloroethane-d4		74.7-129		101.5	%REC	5	06/26/2014 17:59	100026
Surr: 4-Bromofluorobenzene		86-119		101.6	%REC	5	06/26/2014 17:59	100026
Surr: Dibromofluoromethane		81.7-123		100.3	%REC	5	06/26/2014 17:59	100026
Surr: Toluene-d8		84.3-114		100.1	%REC	5	06/26/2014 17:59	100026

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

Client: PSC Industrial Outsourcing, LP

Work Order: 14061507

Client Project: Ameren Champaign MGP 624-1201-0008

Report Date: 07-Jul-14

Lab ID: 14061507-021

Client Sample ID: UMW-907

Matrix: GROUNDWATER

Collection Date: 06/25/2014 9:55

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.007		< 0.007	mg/L	1	07/03/2014 15:55	100184
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.0001		ND	mg/L	1	06/30/2014 17:38	100065
Acenaphthylene	NELAP	0.0001		0.00015	mg/L	1	06/30/2014 17:38	100065
Anthracene	NELAP	0.0001		0.00013	mg/L	1	06/30/2014 17:38	100065
Benzo(a)anthracene	NELAP	0.0001		ND	mg/L	1	06/30/2014 17:38	100065
Benzo(a)pyrene	NELAP	0.0001		ND	mg/L	1	06/30/2014 17:38	100065
Benzo(b)fluoranthene	NELAP	0.0001		ND	mg/L	1	06/30/2014 17:38	100065
Benzo(g,h,i)perylene	NELAP	0.0001		ND	mg/L	1	06/30/2014 17:38	100065
Benzo(k)fluoranthene	NELAP	0.0001		ND	mg/L	1	06/30/2014 17:38	100065
Chrysene	NELAP	0.0001		ND	mg/L	1	06/30/2014 17:38	100065
Dibenzo(a,h)anthracene	NELAP	0.0001		ND	mg/L	1	06/30/2014 17:38	100065
Fluoranthene	NELAP	0.0001		ND	mg/L	1	06/30/2014 17:38	100065
Fluorene	NELAP	0.0001		ND	mg/L	1	06/30/2014 17:38	100065
Indeno(1,2,3-cd)pyrene	NELAP	0.0001		ND	mg/L	1	06/30/2014 17:38	100065
Naphthalene	NELAP	0.0001		0.0401	mg/L	1	06/30/2014 17:38	100065
Phenanthrene	NELAP	0.0001		ND	mg/L	1	06/30/2014 17:38	100065
Pyrene	NELAP	0.0001		ND	mg/L	1	06/30/2014 17:38	100065
Surr: 2-Fluorobiphenyl		34.3-105		78	%REC	1	06/30/2014 17:38	100065
Surr: Nitrobenzene-d5		36.4-127		57.8	%REC	1	06/30/2014 17:38	100065
Surr: p-Terphenyl-d14		6.05-133		116.2	%REC	1	06/30/2014 17:38	100065
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2		39.2	µg/L	1	06/26/2014 18:26	100026
Ethylbenzene	NELAP	5	J	1.4	µg/L	1	06/26/2014 18:26	100026
Toluene	NELAP	5		ND	µg/L	1	06/26/2014 18:26	100026
Xylenes, Total	NELAP	5		ND	µg/L	1	06/26/2014 18:26	100026
Surr: 1,2-Dichloroethane-d4		74.7-129		106.9	%REC	1	06/26/2014 18:26	100026
Surr: 4-Bromofluorobenzene		86-119		104.6	%REC	1	06/26/2014 18:26	100026
Surr: Dibromofluoromethane		81.7-123		101.2	%REC	1	06/26/2014 18:26	100026
Surr: Toluene-d8		84.3-114		100.5	%REC	1	06/26/2014 18:26	100026

Client: PSC Industrial Outsourcing, LP

Work Order: 14061507

Client Project: Ameren Champaign MGP 624-1201-0008

Report Date: 07-Jul-14

Lab ID: 14061507-022

Client Sample ID: UMW-303

Matrix: GROUNDWATER

Collection Date: 06/25/2014 10:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.007		< 0.007	mg/L	1	07/07/2014 13:22	100184
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.0001		ND	mg/L	1	06/30/2014 18:09	100065
Acenaphthylene	NELAP	0.0001		ND	mg/L	1	06/30/2014 18:09	100065
Anthracene	NELAP	0.0001		ND	mg/L	1	06/30/2014 18:09	100065
Benzo(a)anthracene	NELAP	0.0001		ND	mg/L	1	06/30/2014 18:09	100065
Benzo(a)pyrene	NELAP	0.0001		ND	mg/L	1	06/30/2014 18:09	100065
Benzo(b)fluoranthene	NELAP	0.0001		ND	mg/L	1	06/30/2014 18:09	100065
Benzo(g,h,i)perylene	NELAP	0.0001		ND	mg/L	1	06/30/2014 18:09	100065
Benzo(k)fluoranthene	NELAP	0.0001		ND	mg/L	1	06/30/2014 18:09	100065
Chrysene	NELAP	0.0001		ND	mg/L	1	06/30/2014 18:09	100065
Dibenzo(a,h)anthracene	NELAP	0.0001		ND	mg/L	1	06/30/2014 18:09	100065
Fluoranthene	NELAP	0.0001		ND	mg/L	1	06/30/2014 18:09	100065
Fluorene	NELAP	0.0001		ND	mg/L	1	06/30/2014 18:09	100065
Indeno(1,2,3-cd)pyrene	NELAP	0.0001		ND	mg/L	1	06/30/2014 18:09	100065
Naphthalene	NELAP	0.0001		ND	mg/L	1	06/30/2014 18:09	100065
Phenanthrene	NELAP	0.0001		0.00014	mg/L	1	06/30/2014 18:09	100065
Pyrene	NELAP	0.0001		ND	mg/L	1	06/30/2014 18:09	100065
Surr: 2-Fluorobiphenyl		34.3-105		85.2	%REC	1	06/30/2014 18:09	100065
Surr: Nitrobenzene-d5		36.4-127		59.6	%REC	1	06/30/2014 18:09	100065
Surr: p-Terphenyl-d14		6.05-133		121.6	%REC	1	06/30/2014 18:09	100065
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2		ND	µg/L	1	06/28/2014 0:09	100063
Ethylbenzene	NELAP	5		ND	µg/L	1	06/28/2014 0:09	100063
Toluene	NELAP	5		ND	µg/L	1	06/28/2014 0:09	100063
Xylenes, Total	NELAP	5		ND	µg/L	1	06/28/2014 0:09	100063
Surr: 1,2-Dichloroethane-d4		74.7-129		100.9	%REC	1	06/28/2014 0:09	100063
Surr: 4-Bromofluorobenzene		86-119		104.7	%REC	1	06/28/2014 0:09	100063
Surr: Dibromofluoromethane		81.7-123		93.1	%REC	1	06/28/2014 0:09	100063
Surr: Toluene-d8		84.3-114		99.5	%REC	1	06/28/2014 0:09	100063



## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 14061507

**Client Project:** Ameren Champaign MGP 624-1201-0008

**Report Date:** 07-Jul-14

**Lab ID:** 14061507-023

**Client Sample ID:** UMW-118

**Matrix:** GROUNDWATER

**Collection Date:** 06/25/2014 13:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.007		< 0.007	mg/L	1	07/03/2014 16:06	100184
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.0001		ND	mg/L	1	06/30/2014 18:41	100065
Acenaphthylene	NELAP	0.0001		ND	mg/L	1	06/30/2014 18:41	100065
Anthracene	NELAP	0.0001		ND	mg/L	1	06/30/2014 18:41	100065
Benzo(a)anthracene	NELAP	0.0001		ND	mg/L	1	06/30/2014 18:41	100065
Benzo(a)pyrene	NELAP	0.0001		ND	mg/L	1	06/30/2014 18:41	100065
Benzo(b)fluoranthene	NELAP	0.0001		ND	mg/L	1	06/30/2014 18:41	100065
Benzo(g,h,i)perylene	NELAP	0.0001		ND	mg/L	1	06/30/2014 18:41	100065
Benzo(k)fluoranthene	NELAP	0.0001		ND	mg/L	1	06/30/2014 18:41	100065
Chrysene	NELAP	0.0001		ND	mg/L	1	06/30/2014 18:41	100065
Dibenzo(a,h)anthracene	NELAP	0.0001		ND	mg/L	1	06/30/2014 18:41	100065
Fluoranthene	NELAP	0.0001		ND	mg/L	1	06/30/2014 18:41	100065
Fluorene	NELAP	0.0001		ND	mg/L	1	06/30/2014 18:41	100065
Indeno(1,2,3-cd)pyrene	NELAP	0.0001		ND	mg/L	1	06/30/2014 18:41	100065
Naphthalene	NELAP	0.0001		ND	mg/L	1	06/30/2014 18:41	100065
Phenanthrene	NELAP	0.0001		ND	mg/L	1	06/30/2014 18:41	100065
Pyrene	NELAP	0.0001		ND	mg/L	1	06/30/2014 18:41	100065
Surr: 2-Fluorobiphenyl		34.3-105		77.2	%REC	1	06/30/2014 18:41	100065
Surr: Nitrobenzene-d5		36.4-127		54.6	%REC	1	06/30/2014 18:41	100065
Surr: p-Terphenyl-d14		6.05-133		112.8	%REC	1	06/30/2014 18:41	100065
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2		ND	µg/L	1	06/28/2014 0:36	100063
Ethylbenzene	NELAP	5		ND	µg/L	1	06/28/2014 0:36	100063
Toluene	NELAP	5		ND	µg/L	1	06/28/2014 0:36	100063
Xylenes, Total	NELAP	5		ND	µg/L	1	06/28/2014 0:36	100063
Surr: 1,2-Dichloroethane-d4		74.7-129		101.7	%REC	1	06/28/2014 0:36	100063
Surr: 4-Bromofluorobenzene		86-119		105.1	%REC	1	06/28/2014 0:36	100063
Surr: Dibromofluoromethane		81.7-123		94	%REC	1	06/28/2014 0:36	100063
Surr: Toluene-d8		84.3-114		99.4	%REC	1	06/28/2014 0:36	100063



## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 14061507

**Client Project:** Ameren Champaign MGP 624-1201-0008

**Report Date:** 07-Jul-14

**Lab ID:** 14061507-024

**Client Sample ID:** UMW-116

**Matrix:** GROUNDWATER

**Collection Date:** 06/25/2014 13:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.007		< 0.007	mg/L	1	07/03/2014 16:09	100184
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.0001		ND	mg/L	1	06/30/2014 19:13	100065
Acenaphthylene	NELAP	0.0001		ND	mg/L	1	06/30/2014 19:13	100065
Anthracene	NELAP	0.0001		ND	mg/L	1	06/30/2014 19:13	100065
Benzo(a)anthracene	NELAP	0.0001		ND	mg/L	1	06/30/2014 19:13	100065
Benzo(a)pyrene	NELAP	0.0001		ND	mg/L	1	06/30/2014 19:13	100065
Benzo(b)fluoranthene	NELAP	0.0001		ND	mg/L	1	06/30/2014 19:13	100065
Benzo(g,h,i)perylene	NELAP	0.0001		ND	mg/L	1	06/30/2014 19:13	100065
Benzo(k)fluoranthene	NELAP	0.0001		ND	mg/L	1	06/30/2014 19:13	100065
Chrysene	NELAP	0.0001		ND	mg/L	1	06/30/2014 19:13	100065
Dibenzo(a,h)anthracene	NELAP	0.0001		ND	mg/L	1	06/30/2014 19:13	100065
Fluoranthene	NELAP	0.0001		ND	mg/L	1	06/30/2014 19:13	100065
Fluorene	NELAP	0.0001		ND	mg/L	1	06/30/2014 19:13	100065
Indeno(1,2,3-cd)pyrene	NELAP	0.0001		ND	mg/L	1	06/30/2014 19:13	100065
Naphthalene	NELAP	0.0001		ND	mg/L	1	06/30/2014 19:13	100065
Phenanthrene	NELAP	0.0001		ND	mg/L	1	06/30/2014 19:13	100065
Pyrene	NELAP	0.0001		ND	mg/L	1	06/30/2014 19:13	100065
Surr: 2-Fluorobiphenyl		34.3-105		80.2	%REC	1	06/30/2014 19:13	100065
Surr: Nitrobenzene-d5		36.4-127		56.6	%REC	1	06/30/2014 19:13	100065
Surr: p-Terphenyl-d14		6.05-133		114.8	%REC	1	06/30/2014 19:13	100065
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2		ND	µg/L	1	06/28/2014 1:03	100063
Ethylbenzene	NELAP	5		ND	µg/L	1	06/28/2014 1:03	100063
Toluene	NELAP	5		ND	µg/L	1	06/28/2014 1:03	100063
Xylenes, Total	NELAP	5		ND	µg/L	1	06/28/2014 1:03	100063
Surr: 1,2-Dichloroethane-d4		74.7-129		102.4	%REC	1	06/28/2014 1:03	100063
Surr: 4-Bromofluorobenzene		86-119		104.1	%REC	1	06/28/2014 1:03	100063
Surr: Dibromofluoromethane		81.7-123		94.4	%REC	1	06/28/2014 1:03	100063
Surr: Toluene-d8		84.3-114		100.4	%REC	1	06/28/2014 1:03	100063

Client: PSC Industrial Outsourcing, LP

Work Order: 14061507

Client Project: Ameren Champaign MGP 624-1201-0008

Report Date: 07-Jul-14

Lab ID: 14061507-025

Client Sample ID: UMW-109

Matrix: GROUNDWATER

Collection Date: 06/25/2014 14:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.007		<b>0.048</b>	mg/L	1	07/03/2014 16:32	100184
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.0001		ND	mg/L	1	06/30/2014 19:44	100065
Acenaphthylene	NELAP	0.0001		ND	mg/L	1	06/30/2014 19:44	100065
Anthracene	NELAP	0.0001		ND	mg/L	1	06/30/2014 19:44	100065
Benzo(a)anthracene	NELAP	0.0001		ND	mg/L	1	06/30/2014 19:44	100065
Benzo(a)pyrene	NELAP	0.0001		ND	mg/L	1	06/30/2014 19:44	100065
Benzo(b)fluoranthene	NELAP	0.0001		ND	mg/L	1	06/30/2014 19:44	100065
Benzo(g,h,i)perylene	NELAP	0.0001		ND	mg/L	1	06/30/2014 19:44	100065
Benzo(k)fluoranthene	NELAP	0.0001		ND	mg/L	1	06/30/2014 19:44	100065
Chrysene	NELAP	0.0001		ND	mg/L	1	06/30/2014 19:44	100065
Dibenzo(a,h)anthracene	NELAP	0.0001		ND	mg/L	1	06/30/2014 19:44	100065
Fluoranthene	NELAP	0.0001		ND	mg/L	1	06/30/2014 19:44	100065
Fluorene	NELAP	0.0001		ND	mg/L	1	06/30/2014 19:44	100065
Indeno(1,2,3-cd)pyrene	NELAP	0.0001		ND	mg/L	1	06/30/2014 19:44	100065
Naphthalene	NELAP	0.0001		ND	mg/L	1	06/30/2014 19:44	100065
Phenanthrene	NELAP	0.0001		ND	mg/L	1	06/30/2014 19:44	100065
Pyrene	NELAP	0.0001		ND	mg/L	1	06/30/2014 19:44	100065
Surr: 2-Fluorobiphenyl		34.3-105		<b>71.6</b>	%REC	1	06/30/2014 19:44	100065
Surr: Nitrobenzene-d5		36.4-127		<b>52.4</b>	%REC	1	06/30/2014 19:44	100065
Surr: p-Terphenyl-d14		6.05-133		<b>111.6</b>	%REC	1	06/30/2014 19:44	100065
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2		ND	µg/L	1	06/28/2014 1:30	100063
Ethylbenzene	NELAP	5		ND	µg/L	1	06/28/2014 1:30	100063
Toluene	NELAP	5		ND	µg/L	1	06/28/2014 1:30	100063
Xylenes, Total	NELAP	5		ND	µg/L	1	06/28/2014 1:30	100063
Surr: 1,2-Dichloroethane-d4		74.7-129		<b>100.4</b>	%REC	1	06/28/2014 1:30	100063
Surr: 4-Bromofluorobenzene		86-119		<b>104.7</b>	%REC	1	06/28/2014 1:30	100063
Surr: Dibromofluoromethane		81.7-123		<b>93.8</b>	%REC	1	06/28/2014 1:30	100063
Surr: Toluene-d8		84.3-114		<b>98.2</b>	%REC	1	06/28/2014 1:30	100063



## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 14061507

**Client Project:** Ameren Champaign MGP 624-1201-0008

**Report Date:** 07-Jul-14

**Lab ID:** 14061507-026

**Client Sample ID:** UMW-127

**Matrix:** GROUNDWATER

**Collection Date:** 06/25/2014 14:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.007		< 0.007	mg/L	1	07/03/2014 16:36	100184
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.0001		0.00022	mg/L	1	06/30/2014 20:16	100065
Acenaphthylene	NELAP	0.0001		0.00318	mg/L	1	06/30/2014 20:16	100065
Anthracene	NELAP	0.0001		ND	mg/L	1	06/30/2014 20:16	100065
Benzo(a)anthracene	NELAP	0.0001		ND	mg/L	1	06/30/2014 20:16	100065
Benzo(a)pyrene	NELAP	0.0001		ND	mg/L	1	06/30/2014 20:16	100065
Benzo(b)fluoranthene	NELAP	0.0001		ND	mg/L	1	06/30/2014 20:16	100065
Benzo(g,h,i)perylene	NELAP	0.0001		ND	mg/L	1	06/30/2014 20:16	100065
Benzo(k)fluoranthene	NELAP	0.0001		ND	mg/L	1	06/30/2014 20:16	100065
Chrysene	NELAP	0.0001		ND	mg/L	1	06/30/2014 20:16	100065
Dibenzo(a,h)anthracene	NELAP	0.0001		ND	mg/L	1	06/30/2014 20:16	100065
Fluoranthene	NELAP	0.0001		ND	mg/L	1	06/30/2014 20:16	100065
Fluorene	NELAP	0.0001		0.0002	mg/L	1	06/30/2014 20:16	100065
Indeno(1,2,3-cd)pyrene	NELAP	0.0001		ND	mg/L	1	06/30/2014 20:16	100065
Naphthalene	NELAP	0.0001		0.00237	mg/L	1	06/30/2014 20:16	100065
Phenanthrene	NELAP	0.0001		0.00044	mg/L	1	06/30/2014 20:16	100065
Pyrene	NELAP	0.0001		ND	mg/L	1	06/30/2014 20:16	100065
Surr: 2-Fluorobiphenyl		34.3-105		76.2	%REC	1	06/30/2014 20:16	100065
Surr: Nitrobenzene-d5		36.4-127		58	%REC	1	06/30/2014 20:16	100065
Surr: p-Terphenyl-d14		6.05-133		109	%REC	1	06/30/2014 20:16	100065
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2		4.5	µg/L	1	06/28/2014 1:57	100063
Ethylbenzene	NELAP	5		ND	µg/L	1	06/28/2014 1:57	100063
Toluene	NELAP	5		ND	µg/L	1	06/28/2014 1:57	100063
Xylenes, Total	NELAP	5		ND	µg/L	1	06/28/2014 1:57	100063
Surr: 1,2-Dichloroethane-d4		74.7-129		99.1	%REC	1	06/28/2014 1:57	100063
Surr: 4-Bromofluorobenzene		86-119		106.7	%REC	1	06/28/2014 1:57	100063
Surr: Dibromofluoromethane		81.7-123		93.5	%REC	1	06/28/2014 1:57	100063
Surr: Toluene-d8		84.3-114		101	%REC	1	06/28/2014 1:57	100063



**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 14061507

**Client Project:** Ameren Champaign MGP 624-1201-0008

**Report Date:** 07-Jul-14

**Lab ID:** 14061507-027

**Client Sample ID:** UMW-304R

**Matrix:** GROUNDWATER

**Collection Date:** 06/25/2014 15:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.007		<b>0.044</b>	mg/L	1	07/03/2014 16:41	100184
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.0001		<b>0.0008</b>	mg/L	1	06/30/2014 20:48	100065
Acenaphthylene	NELAP	0.0001		<b>0.00202</b>	mg/L	1	06/30/2014 20:48	100065
Anthracene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 20:48	100065
Benzo(a)anthracene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 20:48	100065
Benzo(a)pyrene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 20:48	100065
Benzo(b)fluoranthene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 20:48	100065
Benzo(g,h,i)perylene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 20:48	100065
Benzo(k)fluoranthene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 20:48	100065
Chrysene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 20:48	100065
Dibenzo(a,h)anthracene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 20:48	100065
Fluoranthene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 20:48	100065
Fluorene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 20:48	100065
Indeno(1,2,3-cd)pyrene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 20:48	100065
Naphthalene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 20:48	100065
Phenanthrene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 20:48	100065
Pyrene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 20:48	100065
Surr: 2-Fluorobiphenyl		34.3-105		<b>72.6</b>	%REC	1	06/30/2014 20:48	100065
Surr: Nitrobenzene-d5		36.4-127		<b>52.6</b>	%REC	1	06/30/2014 20:48	100065
Surr: p-Terphenyl-d14		6.05-133		<b>106.4</b>	%REC	1	06/30/2014 20:48	100065
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2		<b>ND</b>	µg/L	1	06/28/2014 2:24	100063
Ethylbenzene	NELAP	5		<b>ND</b>	µg/L	1	06/28/2014 2:24	100063
Toluene	NELAP	5		<b>ND</b>	µg/L	1	06/28/2014 2:24	100063
Xylenes, Total	NELAP	5		<b>ND</b>	µg/L	1	06/28/2014 2:24	100063
Surr: 1,2-Dichloroethane-d4		74.7-129		<b>100.1</b>	%REC	1	06/28/2014 2:24	100063
Surr: 4-Bromofluorobenzene		86-119		<b>105</b>	%REC	1	06/28/2014 2:24	100063
Surr: Dibromofluoromethane		81.7-123		<b>93.5</b>	%REC	1	06/28/2014 2:24	100063
Surr: Toluene-d8		84.3-114		<b>98.9</b>	%REC	1	06/28/2014 2:24	100063

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 14061507

**Client Project:** Ameren Champaign MGP 624-1201-0008

**Report Date:** 07-Jul-14

**Lab ID:** 14061507-028

**Client Sample ID:** UMW-125

**Matrix:** GROUNDWATER

**Collection Date:** 06/26/2014 8:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.007		<b>0.016</b>	mg/L	1	07/03/2014 16:49	100184
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.0001		<b>0.00013</b>	mg/L	1	06/30/2014 21:20	100065
Acenaphthylene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 21:20	100065
Anthracene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 21:20	100065
Benzo(a)anthracene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 21:20	100065
Benzo(a)pyrene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 21:20	100065
Benzo(b)fluoranthene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 21:20	100065
Benzo(g,h,i)perylene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 21:20	100065
Benzo(k)fluoranthene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 21:20	100065
Chrysene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 21:20	100065
Dibenzo(a,h)anthracene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 21:20	100065
Fluoranthene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 21:20	100065
Fluorene	NELAP	0.0001		<b>0.00012</b>	mg/L	1	06/30/2014 21:20	100065
Indeno(1,2,3-cd)pyrene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 21:20	100065
Naphthalene	NELAP	0.0001		<b>0.0019</b>	mg/L	1	06/30/2014 21:20	100065
Phenanthrene	NELAP	0.0001		<b>0.00026</b>	mg/L	1	06/30/2014 21:20	100065
Pyrene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 21:20	100065
Surr: 2-Fluorobiphenyl		34.3-105		<b>79</b>	%REC	1	06/30/2014 21:20	100065
Surr: Nitrobenzene-d5		36.4-127		<b>57</b>	%REC	1	06/30/2014 21:20	100065
Surr: p-Terphenyl-d14		6.05-133		<b>114.4</b>	%REC	1	06/30/2014 21:20	100065
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2		<b>20.1</b>	µg/L	1	06/28/2014 2:51	100063
Ethylbenzene	NELAP	5		<b>ND</b>	µg/L	1	06/28/2014 2:51	100063
Toluene	NELAP	5	J	<b>1.7</b>	µg/L	1	06/28/2014 2:51	100063
Xylenes, Total	NELAP	5	J	<b>1</b>	µg/L	1	06/28/2014 2:51	100063
Surr: 1,2-Dichloroethane-d4		74.7-129		<b>100.8</b>	%REC	1	06/28/2014 2:51	100063
Surr: 4-Bromofluorobenzene		86-119		<b>105.5</b>	%REC	1	06/28/2014 2:51	100063
Surr: Dibromofluoromethane		81.7-123		<b>92.9</b>	%REC	1	06/28/2014 2:51	100063
Surr: Toluene-d8		84.3-114		<b>98.8</b>	%REC	1	06/28/2014 2:51	100063



## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 14061507

**Client Project:** Ameren Champaign MGP 624-1201-0008

**Report Date:** 07-Jul-14

**Lab ID:** 14061507-029

**Client Sample ID:** UMW-124

**Matrix:** GROUNDWATER

**Collection Date:** 06/26/2014 8:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.007		<b>0.027</b>	mg/L	1	07/03/2014 16:54	100184
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.0001		<b>0.0006</b>	mg/L	1	06/30/2014 21:51	100065
Acenaphthylene	NELAP	0.0001		<b>0.00042</b>	mg/L	1	06/30/2014 21:51	100065
Anthracene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 21:51	100065
Benzo(a)anthracene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 21:51	100065
Benzo(a)pyrene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 21:51	100065
Benzo(b)fluoranthene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 21:51	100065
Benzo(g,h,i)perylene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 21:51	100065
Benzo(k)fluoranthene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 21:51	100065
Chrysene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 21:51	100065
Dibenzo(a,h)anthracene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 21:51	100065
Fluoranthene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 21:51	100065
Fluorene	NELAP	0.0001		<b>0.00024</b>	mg/L	1	06/30/2014 21:51	100065
Indeno(1,2,3-cd)pyrene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 21:51	100065
Naphthalene	NELAP	0.001		<b>0.0824</b>	mg/L	10	07/01/2014 17:26	100065
Phenanthrene	NELAP	0.0001		<b>0.00025</b>	mg/L	1	06/30/2014 21:51	100065
Pyrene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 21:51	100065
Surr: 2-Fluorobiphenyl		34.3-105		<b>65.2</b>	%REC	1	06/30/2014 21:51	100065
Surr: Nitrobenzene-d5		36.4-127		<b>51.4</b>	%REC	1	06/30/2014 21:51	100065
Surr: p-Terphenyl-d14		6.05-133		<b>97.6</b>	%REC	1	06/30/2014 21:51	100065
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	20		<b>270</b>	µg/L	10	06/28/2014 3:18	100063
Ethylbenzene	NELAP	50	J	<b>24</b>	µg/L	10	06/28/2014 3:18	100063
Toluene	NELAP	50		<b>91.2</b>	µg/L	10	06/28/2014 3:18	100063
Xylenes, Total	NELAP	50		<b>63.5</b>	µg/L	10	06/28/2014 3:18	100063
Surr: 1,2-Dichloroethane-d4		74.7-129		<b>101.6</b>	%REC	10	06/28/2014 3:18	100063
Surr: 4-Bromofluorobenzene		86-119		<b>105.7</b>	%REC	10	06/28/2014 3:18	100063
Surr: Dibromofluoromethane		81.7-123		<b>93.4</b>	%REC	10	06/28/2014 3:18	100063
Surr: Toluene-d8		84.3-114		<b>99.4</b>	%REC	10	06/28/2014 3:18	100063

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 14061507

**Client Project:** Ameren Champaign MGP 624-1201-0008

**Report Date:** 07-Jul-14

**Lab ID:** 14061507-030

**Client Sample ID:** UMW-308

**Matrix:** GROUNDWATER

**Collection Date:** 06/26/2014 9:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.007		<b>0.022</b>	mg/L	1	07/03/2014 16:58	100184
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 22:23	100065
Acenaphthylene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 22:23	100065
Anthracene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 22:23	100065
Benzo(a)anthracene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 22:23	100065
Benzo(a)pyrene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 22:23	100065
Benzo(b)fluoranthene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 22:23	100065
Benzo(g,h,i)perylene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 22:23	100065
Benzo(k)fluoranthene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 22:23	100065
Chrysene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 22:23	100065
Dibenzo(a,h)anthracene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 22:23	100065
Fluoranthene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 22:23	100065
Fluorene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 22:23	100065
Indeno(1,2,3-cd)pyrene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 22:23	100065
Naphthalene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 22:23	100065
Phenanthrene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 22:23	100065
Pyrene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 22:23	100065
Surr: 2-Fluorobiphenyl		34.3-105		<b>71</b>	%REC	1	06/30/2014 22:23	100065
Surr: Nitrobenzene-d5		36.4-127		<b>52</b>	%REC	1	06/30/2014 22:23	100065
Surr: p-Terphenyl-d14		6.05-133		<b>92.2</b>	%REC	1	06/30/2014 22:23	100065
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2		<b>ND</b>	µg/L	1	06/28/2014 3:45	100063
Ethylbenzene	NELAP	5		<b>ND</b>	µg/L	1	06/28/2014 3:45	100063
Toluene	NELAP	5		<b>ND</b>	µg/L	1	06/28/2014 3:45	100063
Xylenes, Total	NELAP	5		<b>ND</b>	µg/L	1	06/28/2014 3:45	100063
Surr: 1,2-Dichloroethane-d4		74.7-129		<b>101.6</b>	%REC	1	06/28/2014 3:45	100063
Surr: 4-Bromofluorobenzene		86-119		<b>104.7</b>	%REC	1	06/28/2014 3:45	100063
Surr: Dibromofluoromethane		81.7-123		<b>95.1</b>	%REC	1	06/28/2014 3:45	100063
Surr: Toluene-d8		84.3-114		<b>99.9</b>	%REC	1	06/28/2014 3:45	100063

Client: PSC Industrial Outsourcing, LP

Work Order: 14061507

Client Project: Ameren Champaign MGP 624-1201-0008

Report Date: 07-Jul-14

Lab ID: 14061507-031

Client Sample ID: UMW-122

Matrix: GROUNDWATER

Collection Date: 06/26/2014 10:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.028		<b>0.07</b>	mg/L	4	07/07/2014 12:00	100184
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 22:55	100065
Acenaphthylene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 22:55	100065
Anthracene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 22:55	100065
Benzo(a)anthracene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 22:55	100065
Benzo(a)pyrene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 22:55	100065
Benzo(b)fluoranthene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 22:55	100065
Benzo(g,h,i)perylene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 22:55	100065
Benzo(k)fluoranthene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 22:55	100065
Chrysene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 22:55	100065
Dibenzo(a,h)anthracene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 22:55	100065
Fluoranthene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 22:55	100065
Fluorene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 22:55	100065
Indeno(1,2,3-cd)pyrene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 22:55	100065
Naphthalene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 22:55	100065
Phenanthrene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 22:55	100065
Pyrene	NELAP	0.0001		<b>ND</b>	mg/L	1	06/30/2014 22:55	100065
Surr: 2-Fluorobiphenyl		34.3-105		<b>70.8</b>	%REC	1	06/30/2014 22:55	100065
Surr: Nitrobenzene-d5		36.4-127		<b>51.6</b>	%REC	1	06/30/2014 22:55	100065
Surr: p-Terphenyl-d14		6.05-133		<b>98.6</b>	%REC	1	06/30/2014 22:55	100065
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2		<b>ND</b>	µg/L	1	06/30/2014 20:33	100084
Ethylbenzene	NELAP	5		<b>ND</b>	µg/L	1	06/30/2014 20:33	100084
Toluene	NELAP	5		<b>ND</b>	µg/L	1	06/30/2014 20:33	100084
Xylenes, Total	NELAP	5		<b>ND</b>	µg/L	1	06/30/2014 20:33	100084
Surr: 1,2-Dichloroethane-d4		74.7-129		<b>101.6</b>	%REC	1	06/30/2014 20:33	100084
Surr: 4-Bromofluorobenzene		86-119		<b>99.5</b>	%REC	1	06/30/2014 20:33	100084
Surr: Dibromofluoromethane		81.7-123		<b>100.2</b>	%REC	1	06/30/2014 20:33	100084
Surr: Toluene-d8		84.3-114		<b>99.8</b>	%REC	1	06/30/2014 20:33	100084



# Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 14061507

Client Project: Ameren Champaign MGP 624-1201-0008

Report Date: 07-Jul-14

Lab ID: 14061507-032

Client Sample ID: Trip Blank

Matrix: TRIP BLANK

Collection Date: 06/16/2014 0:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2		ND	µg/L	1	06/27/2014 23:43	100063
Ethylbenzene	NELAP	5		ND	µg/L	1	06/27/2014 23:43	100063
Toluene	NELAP	5		ND	µg/L	1	06/27/2014 23:43	100063
Xylenes, Total	NELAP	5		ND	µg/L	1	06/27/2014 23:43	100063
Surr: 1,2-Dichloroethane-d4		74.7-129		98.1	%REC	1	06/27/2014 23:43	100063
Surr: 4-Bromofluorobenzene		86-119		107.6	%REC	1	06/27/2014 23:43	100063
Surr: Dibromofluoromethane		81.7-123		92.6	%REC	1	06/27/2014 23:43	100063
Surr: Toluene-d8		84.3-114		100.2	%REC	1	06/27/2014 23:43	100063



## Sample Summary

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

Client: PSC Industrial Outsourcing, LP

Work Order: 14061507

Client Project: Ameren Champaign MGP 624-1201-0008

Report Date: 07-Jul-14

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
14061507-001	UMW-126	Groundwater	3	06/23/2014 15:30
14061507-002	UMW-123	Groundwater	3	06/23/2014 16:30
14061507-003	UMW-301R	Groundwater	3	06/23/2014 16:50
14061507-004	UMW-923	Groundwater	3	06/23/2014 16:45
14061507-005	UMW-106R	Groundwater	3	06/24/2014 8:35
14061507-006	UMW-305	Groundwater	3	06/24/2014 8:45
14061507-007	UMW-120	Groundwater	3	06/24/2014 9:30
14061507-008	UMW-306	Groundwater	3	06/24/2014 9:35
14061507-009	UMW-307	Groundwater	3	06/24/2014 10:35
14061507-010	UMW-102	Groundwater	3	06/24/2014 11:30
14061507-011	UMW-121	Groundwater	3	06/24/2014 13:20
14061507-012	UMW-302	Groundwater	3	06/24/2014 14:10
14061507-013	UMW-902	Groundwater	3	06/24/2014 14:20
14061507-014	UMW-119	Groundwater	3	06/24/2014 14:20
14061507-015	UMW-111A	Groundwater	3	06/24/2014 15:15
14061507-016	UMW-105	Groundwater	3	06/24/2014 15:45
14061507-017	UMW-300	Groundwater	3	06/24/2014 16:20
14061507-018	UMW-108	Groundwater	3	06/25/2014 8:45
14061507-019	UMW-117	Groundwater	3	06/25/2014 9:30
14061507-020	UMW-107	Groundwater	3	06/25/2014 9:45
14061507-021	UMW-907	Groundwater	3	06/25/2014 9:55
14061507-022	UMW-303	Groundwater	3	06/25/2014 10:25
14061507-023	UMW-118	Groundwater	3	06/25/2014 13:30
14061507-024	UMW-116	Groundwater	3	06/25/2014 13:35
14061507-025	UMW-109	Groundwater	3	06/25/2014 14:25
14061507-026	UMW-127	Groundwater	3	06/25/2014 14:40
14061507-027	UMW-304R	Groundwater	3	06/25/2014 15:35
14061507-028	UMW-125	Groundwater	3	06/26/2014 8:30
14061507-029	UMW-124	Groundwater	3	06/26/2014 8:50
14061507-030	UMW-308	Groundwater	3	06/26/2014 9:40
14061507-031	UMW-122	Groundwater	3	06/26/2014 10:15
14061507-032	Trip Blank	Trip Blank	1	06/16/2014 0:00



## Dates Report

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 14061507

**Client Project:** Ameren Champaign MGP 624-1201-0008

**Report Date:** 07-Jul-14

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
14061507-001A	UMW-126	06/23/2014 15:30	06/26/2014 15:09		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			06/27/2014 8:58	06/28/2014 3:59
14061507-001B	UMW-126	06/23/2014 15:30	06/26/2014 15:09		
	SW-846 9012A (Total)			06/27/2014 17:00	06/30/2014 11:57
14061507-001C	UMW-126	06/23/2014 15:30	06/26/2014 15:09		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				06/27/2014 14:14
14061507-002A	UMW-123	06/23/2014 16:30	06/26/2014 15:09		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			06/27/2014 8:58	06/27/2014 18:28
14061507-002B	UMW-123	06/23/2014 16:30	06/26/2014 15:09		
	SW-846 9012A (Total)			06/27/2014 17:00	06/30/2014 12:01
14061507-002C	UMW-123	06/23/2014 16:30	06/26/2014 15:09		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				06/27/2014 14:41
14061507-003A	UMW-301R	06/23/2014 16:50	06/26/2014 15:09		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			06/27/2014 8:58	06/27/2014 18:57
14061507-003B	UMW-301R	06/23/2014 16:50	06/26/2014 15:09		
	SW-846 9012A (Total)			06/27/2014 17:00	06/30/2014 12:05
14061507-003C	UMW-301R	06/23/2014 16:50	06/26/2014 15:09		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				06/27/2014 15:12
14061507-004A	UMW-923	06/23/2014 16:45	06/26/2014 15:09		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			06/27/2014 8:58	06/27/2014 19:26
14061507-004B	UMW-923	06/23/2014 16:45	06/26/2014 15:09		
	SW-846 9012A (Total)			06/27/2014 17:00	06/30/2014 12:14
14061507-004C	UMW-923	06/23/2014 16:45	06/26/2014 15:09		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				06/27/2014 15:41
14061507-005A	UMW-106R	06/24/2014 8:35	06/26/2014 15:09		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			06/27/2014 8:58	06/27/2014 19:56
14061507-005B	UMW-106R	06/24/2014 8:35	06/26/2014 15:09		
	SW-846 9012A (Total)			06/27/2014 17:00	06/30/2014 12:18
14061507-005C	UMW-106R	06/24/2014 8:35	06/26/2014 15:09		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				06/27/2014 16:08
14061507-006A	UMW-305	06/24/2014 8:45	06/26/2014 15:09		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			06/27/2014 8:58	06/27/2014 20:25
14061507-006B	UMW-305	06/24/2014 8:45	06/26/2014 15:09		
	SW-846 9012A (Total)			06/27/2014 17:00	06/30/2014 12:23
14061507-006C	UMW-305	06/24/2014 8:45	06/26/2014 15:09		





## Dates Report

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 14061507

**Client Project:** Ameren Champaign MGP 624-1201-0008

**Report Date:** 07-Jul-14

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				06/27/2014 16:35
14061507-007A	UMW-120	06/24/2014 9:30	06/26/2014 15:09		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			06/27/2014 8:58	06/27/2014 20:55
14061507-007B	UMW-120	06/24/2014 9:30	06/26/2014 15:09		
	SW-846 9012A (Total)			06/27/2014 17:00	06/30/2014 13:06
14061507-007C	UMW-120	06/24/2014 9:30	06/26/2014 15:09		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				06/27/2014 17:02
14061507-008A	UMW-306	06/24/2014 9:35	06/26/2014 15:09		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			06/27/2014 8:58	06/27/2014 21:24
14061507-008B	UMW-306	06/24/2014 9:35	06/26/2014 15:09		
	SW-846 9012A (Total)			06/27/2014 17:00	06/30/2014 13:10
14061507-008C	UMW-306	06/24/2014 9:35	06/26/2014 15:09		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				06/27/2014 17:29
14061507-009A	UMW-307	06/24/2014 10:35	06/26/2014 15:09		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			06/27/2014 8:58	06/28/2014 0:04
14061507-009B	UMW-307	06/24/2014 10:35	06/26/2014 15:09		
	SW-846 9012A (Total)			07/02/2014 20:30	07/03/2014 14:09
14061507-009C	UMW-307	06/24/2014 10:35	06/26/2014 15:09		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				06/27/2014 17:56
14061507-010A	UMW-102	06/24/2014 11:30	06/26/2014 15:09		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			06/27/2014 8:58	06/27/2014 21:54
14061507-010B	UMW-102	06/24/2014 11:30	06/26/2014 15:09		
	SW-846 9012A (Total)			06/27/2014 17:00	06/30/2014 13:23
14061507-010C	UMW-102	06/24/2014 11:30	06/26/2014 15:09		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				06/27/2014 19:16
14061507-011A	UMW-121	06/24/2014 13:20	06/26/2014 15:09		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			06/27/2014 8:58	06/27/2014 22:23
14061507-011B	UMW-121	06/24/2014 13:20	06/26/2014 15:09		
	SW-846 9012A (Total)			07/02/2014 20:30	07/03/2014 14:27
14061507-011C	UMW-121	06/24/2014 13:20	06/26/2014 15:09		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				06/27/2014 19:43
14061507-012A	UMW-302	06/24/2014 14:10	06/26/2014 15:09		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			06/27/2014 8:58	06/28/2014 1:32
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			06/27/2014 8:58	06/30/2014 12:26
14061507-012B	UMW-302	06/24/2014 14:10	06/26/2014 15:09		



## Dates Report

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**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 14061507

**Client Project:** Ameren Champaign MGP 624-1201-0008

**Report Date:** 07-Jul-14

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	SW-846 9012A (Total)			06/27/2014 20:00	06/30/2014 14:19
14061507-012C	UMW-302	06/24/2014 14:10	06/26/2014 15:09		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				06/27/2014 20:10
14061507-013A	UMW-902	06/24/2014 14:20	06/26/2014 15:09		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			06/27/2014 11:39	06/28/2014 2:02
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			06/27/2014 11:39	06/30/2014 12:56
14061507-013B	UMW-902	06/24/2014 14:20	06/26/2014 15:09		
	SW-846 9012A (Total)			06/27/2014 20:00	06/30/2014 14:37
14061507-013C	UMW-902	06/24/2014 14:20	06/26/2014 15:09		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				06/27/2014 20:37
14061507-014A	UMW-119	06/24/2014 14:20	06/26/2014 15:09		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			06/27/2014 11:39	06/28/2014 2:31
14061507-014B	UMW-119	06/24/2014 14:20	06/26/2014 15:09		
	SW-846 9012A (Total)			06/27/2014 20:00	06/30/2014 13:32
14061507-014C	UMW-119	06/24/2014 14:20	06/26/2014 15:09		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				06/27/2014 21:04
14061507-015A	UMW-111A	06/24/2014 15:15	06/26/2014 15:09		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			06/27/2014 11:39	06/28/2014 3:01
14061507-015B	UMW-111A	06/24/2014 15:15	06/26/2014 15:09		
	SW-846 9012A (Total)			06/27/2014 20:00	06/30/2014 13:36
14061507-015C	UMW-111A	06/24/2014 15:15	06/26/2014 15:09		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				06/27/2014 21:31
14061507-016A	UMW-105	06/24/2014 15:45	06/26/2014 15:09		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			06/27/2014 11:39	06/28/2014 3:30
14061507-016B	UMW-105	06/24/2014 15:45	06/26/2014 15:09		
	SW-846 9012A (Total)			06/27/2014 20:00	06/30/2014 15:03
14061507-016C	UMW-105	06/24/2014 15:45	06/26/2014 15:09		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				06/27/2014 21:58
14061507-017A	UMW-300	06/24/2014 16:20	06/26/2014 15:09		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			06/30/2014 9:55	06/30/2014 15:31
14061507-017B	UMW-300	06/24/2014 16:20	06/26/2014 15:09		
	SW-846 9012A (Total)			06/27/2014 20:00	06/30/2014 14:28
14061507-017C	UMW-300	06/24/2014 16:20	06/26/2014 15:09		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				06/30/2014 19:07
14061507-018A	UMW-108	06/25/2014 8:45	06/26/2014 15:09		



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**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 14061507

**Client Project:** Ameren Champaign MGP 624-1201-0008

**Report Date:** 07-Jul-14

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
14061507-018B	UMW-108	06/25/2014 8:45	06/26/2014 15:09		
	SW-846 9012A (Total)			06/27/2014 20:00	06/30/2014 14:32
14061507-018C	UMW-108	06/25/2014 8:45	06/26/2014 15:09		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				06/30/2014 19:36
14061507-019A	UMW-117	06/25/2014 9:30	06/26/2014 15:09		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			06/30/2014 9:55	06/30/2014 16:35
14061507-019B	UMW-117	06/25/2014 9:30	06/26/2014 15:09		
	SW-846 9012A (Total)			07/02/2014 20:30	07/07/2014 12:30
14061507-019C	UMW-117	06/25/2014 9:30	06/26/2014 15:09		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				06/30/2014 20:05
14061507-020A	UMW-107	06/25/2014 9:45	06/26/2014 15:09		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			06/30/2014 9:55	06/30/2014 17:06
14061507-020B	UMW-107	06/25/2014 9:45	06/26/2014 15:09		
	SW-846 9012A (Total)			07/02/2014 20:30	07/07/2014 11:55
14061507-020C	UMW-107	06/25/2014 9:45	06/26/2014 15:09		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				06/26/2014 17:59
14061507-021A	UMW-907	06/25/2014 9:55	06/26/2014 15:09		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			06/30/2014 9:55	06/30/2014 17:38
14061507-021B	UMW-907	06/25/2014 9:55	06/26/2014 15:09		
	SW-846 9012A (Total)			07/02/2014 20:30	07/03/2014 15:55
14061507-021C	UMW-907	06/25/2014 9:55	06/26/2014 15:09		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				06/26/2014 18:26
14061507-022A	UMW-303	06/25/2014 10:25	06/26/2014 15:09		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			06/30/2014 9:55	06/30/2014 18:09
14061507-022B	UMW-303	06/25/2014 10:25	06/26/2014 15:09		
	SW-846 9012A (Total)			07/02/2014 20:30	07/07/2014 13:22
14061507-022C	UMW-303	06/25/2014 10:25	06/26/2014 15:09		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				06/28/2014 0:09
14061507-023A	UMW-118	06/25/2014 13:30	06/26/2014 15:09		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			06/30/2014 9:55	06/30/2014 18:41
14061507-023B	UMW-118	06/25/2014 13:30	06/26/2014 15:09		
	SW-846 9012A (Total)			07/02/2014 20:30	07/03/2014 16:06
14061507-023C	UMW-118	06/25/2014 13:30	06/26/2014 15:09		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				06/28/2014 0:36



## Dates Report

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**Work Order:** 14061507

**Client Project:** Ameren Champaign MGP 624-1201-0008

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Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
14061507-024A	UMW-116	06/25/2014 13:35	06/26/2014 15:09		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			06/30/2014 9:55	06/30/2014 19:13
14061507-024B	UMW-116	06/25/2014 13:35	06/26/2014 15:09		
	SW-846 9012A (Total)			07/02/2014 20:30	07/03/2014 16:09
14061507-024C	UMW-116	06/25/2014 13:35	06/26/2014 15:09		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				06/28/2014 1:03
14061507-025A	UMW-109	06/25/2014 14:25	06/26/2014 15:09		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			06/30/2014 9:55	06/30/2014 19:44
14061507-025B	UMW-109	06/25/2014 14:25	06/26/2014 15:09		
	SW-846 9012A (Total)			07/02/2014 20:30	07/03/2014 16:32
14061507-025C	UMW-109	06/25/2014 14:25	06/26/2014 15:09		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				06/28/2014 1:30
14061507-026A	UMW-127	06/25/2014 14:40	06/26/2014 15:09		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			06/30/2014 9:55	06/30/2014 20:16
14061507-026B	UMW-127	06/25/2014 14:40	06/26/2014 15:09		
	SW-846 9012A (Total)			07/02/2014 20:30	07/03/2014 16:36
14061507-026C	UMW-127	06/25/2014 14:40	06/26/2014 15:09		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				06/28/2014 1:57
14061507-027A	UMW-304R	06/25/2014 15:35	06/26/2014 15:09		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			06/30/2014 9:55	06/30/2014 20:48
14061507-027B	UMW-304R	06/25/2014 15:35	06/26/2014 15:09		
	SW-846 9012A (Total)			07/02/2014 20:30	07/03/2014 16:41
14061507-027C	UMW-304R	06/25/2014 15:35	06/26/2014 15:09		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				06/28/2014 2:24
14061507-028A	UMW-125	06/26/2014 8:30	06/26/2014 15:09		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			06/30/2014 9:55	06/30/2014 21:20
14061507-028B	UMW-125	06/26/2014 8:30	06/26/2014 15:09		
	SW-846 9012A (Total)			07/02/2014 20:30	07/03/2014 16:49
14061507-028C	UMW-125	06/26/2014 8:30	06/26/2014 15:09		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				06/28/2014 2:51
14061507-029A	UMW-124	06/26/2014 8:50	06/26/2014 15:09		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			06/30/2014 9:55	06/30/2014 21:51
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			06/30/2014 9:55	07/01/2014 17:26
14061507-029B	UMW-124	06/26/2014 8:50	06/26/2014 15:09		
	SW-846 9012A (Total)			07/02/2014 20:30	07/03/2014 16:54



## Dates Report

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**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 14061507

**Client Project:** Ameren Champaign MGP 624-1201-0008

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Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
	Test Name				
14061507-029C	UMW-124	06/26/2014 8:50	06/26/2014 15:09		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				06/28/2014 3:18
14061507-030A	UMW-308	06/26/2014 9:40	06/26/2014 15:09		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			06/30/2014 13:47	06/30/2014 22:23
14061507-030B	UMW-308	06/26/2014 9:40	06/26/2014 15:09		
	SW-846 9012A (Total)			07/02/2014 20:30	07/03/2014 16:58
14061507-030C	UMW-308	06/26/2014 9:40	06/26/2014 15:09		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				06/28/2014 3:45
14061507-031A	UMW-122	06/26/2014 10:15	06/26/2014 15:09		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			06/30/2014 13:47	06/30/2014 22:55
14061507-031B	UMW-122	06/26/2014 10:15	06/26/2014 15:09		
	SW-846 9012A (Total)			07/02/2014 20:30	07/07/2014 12:00
14061507-031C	UMW-122	06/26/2014 10:15	06/26/2014 15:09		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				06/30/2014 20:33
14061507-032A	Trip Blank	06/16/2014 0:00	06/26/2014 15:09		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				06/27/2014 23:43



## Quality Control Results

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**Client Project:** Ameren Champaign MGP 624-1201-0008

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**SW-846 9012A (TOTAL)**

Batch 100032		SampType: MBLK		Units mg/L						Date Analyzed
SampID: MBLK 140626 TCN1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.007		< 0.007						06/27/2014	

Batch 100032		SampType: LCS		Units mg/L						Date Analyzed
SampID: LCS 140626 TCN1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.007		0.026	0.025	0	104.8	90	110	06/27/2014	

Batch 100069		SampType: MBLK		Units mg/L						Date Analyzed
SampID: MBLK 140627 TCN1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.007		< 0.007						06/30/2014	

Batch 100069		SampType: LCS		Units mg/L						Date Analyzed
SampID: LCS 140627 TCN1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.007		0.026	0.025	0	105.9	90	110	06/30/2014	

Batch 100184		SampType: MBLK		Units mg/L						Date Analyzed
SampID: MBLK 140702 TCN2										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.007		< 0.007						07/03/2014	

Batch 100184		SampType: LCS		Units mg/L						Date Analyzed
SampID: LCS 140702 TCN2										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.007		0.028	0.025	0	113.3	85	115	07/03/2014	

Batch 100184		SampType: MS		Units mg/L						Date Analyzed
SampID: 14061507-009BMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.035	S	0.142	0.125	0.1059	29.1	75	125	07/03/2014	

Batch 100184		SampType: MSD		Units mg/L				RPD Limit 15		Date Analyzed
SampID: 14061507-009BMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Cyanide	0.035	S	0.142	0.125	0.1059	29.1	0.1422	0.07	07/03/2014	

Batch 100184		SampType: MS		Units mg/L						Date Analyzed
SampID: 14061507-011BMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.07	S	0.311	0.25	0.2815	11.8	75	125	07/03/2014	



## Quality Control Results

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### SW-846 9012A (TOTAL)

Batch 100184	SampType: MSD	Units mg/L						RPD Limit 15		Date Analyzed
SampID: 14061507-011BMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Cyanide	0.07	S	0.32	0.25	0.2815	15.3	0.3111	2.75	07/03/2014	

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

Batch 100023	SampType: MBLK	Units mg/L						Date Analyzed	
SampID: MBLK-100023									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene	0.0001		ND						06/27/2014
Acenaphthene	0.0001		ND						06/27/2014
Acenaphthylene	0.0001		ND						06/27/2014
Anthracene	0.0001		ND						06/27/2014
Anthracene	0.0001		ND						06/27/2014
Benzo(a)anthracene	0.0001		ND						06/27/2014
Benzo(a)pyrene	0.0001		ND						06/27/2014
Benzo(b)fluoranthene	0.0001		ND						06/27/2014
Benzo(g,h,i)perylene	0.0001		ND						06/27/2014
Benzo(k)fluoranthene	0.0001		ND						06/27/2014
Chrysene	0.0001		ND						06/27/2014
Dibenzo(a,h)anthracene	0.0001		ND						06/27/2014
Fluoranthene	0.0001		ND						06/27/2014
Fluoranthene	0.0001		ND						06/27/2014
Fluorene	0.0001		ND						06/27/2014
Fluorene	0.0001		ND						06/27/2014
Indeno(1,2,3-cd)pyrene	0.0001		ND						06/27/2014
Naphthalene	0.0001		ND						06/27/2014
Naphthalene	0.0001		ND						06/27/2014
Phenanthrene	0.0001		ND						06/27/2014
Phenanthrene	0.0001		ND						06/27/2014
Pyrene	0.0001		ND						06/27/2014
Pyrene	0.0001		ND						06/27/2014
Surr: 2-Fluorobiphenyl			0.00363	0.005		72.6	47	112	06/27/2014
Surr: 2-Fluorobiphenyl			0.00395	0.005		79	45.4	97.6	06/27/2014
Surr: Nitrobenzene-d5			0.00316	0.005		63.3	33	110	06/27/2014
Surr: Nitrobenzene-d5			0.00299	0.005		59.8	45.2	108	06/27/2014
Surr: p-Terphenyl-d14			0.00404	0.005		80.8	61.9	129	06/27/2014
Surr: p-Terphenyl-d14			0.00504	0.005		100.8	46	127	06/27/2014



## Quality Control Results

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

**Batch** 100023      **SampType:** LCS

Units mg/L

SampID: LCS-100023

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene	0.0001		<b>0.00333</b>	0.005	0	66.5	53.5	111	06/27/2014
Acenaphthene	0.0001		<b>0.00319</b>	0.005	0	63.8	36.7	104	06/27/2014
Acenaphthylene	0.0001		<b>0.00323</b>	0.005	0	64.6	38.4	106	06/27/2014
Anthracene	0.0001		<b>0.00334</b>	0.005	0	66.8	40.9	107	06/27/2014
Anthracene	0.0001		<b>0.00344</b>	0.005	0	68.8	49.4	119	06/27/2014
Benzo(a)anthracene	0.0001		<b>0.00356</b>	0.005	0	71.2	52.6	120	06/27/2014
Benzo(a)pyrene	0.0001		<b>0.00338</b>	0.005	0	67.6	53.4	108	06/27/2014
Benzo(b)fluoranthene	0.0001		<b>0.00342</b>	0.005	0	68.4	52	106	06/27/2014
Benzo(g,h,i)perylene	0.0001		<b>0.0036</b>	0.005	0	72	44.4	108	06/27/2014
Benzo(k)fluoranthene	0.0001		<b>0.00337</b>	0.005	0	67.4	53.1	104	06/27/2014
Chrysene	0.0001		<b>0.00317</b>	0.005	0	63.4	47.1	101	06/27/2014
Dibenzo(a,h)anthracene	0.0001		<b>0.0036</b>	0.005	0	72	46.1	110	06/27/2014
Fluoranthene	0.0001		<b>0.00349</b>	0.005	0	69.8	57.1	121	06/27/2014
Fluoranthene	0.0001		<b>0.00343</b>	0.005	0	68.6	44	110	06/27/2014
Fluorene	0.0001		<b>0.00337</b>	0.005	0	67.4	37.3	110	06/27/2014
Fluorene	0.0001		<b>0.00341</b>	0.005	0	68.2	53.3	117	06/27/2014
Indeno(1,2,3-cd)pyrene	0.0001		<b>0.0036</b>	0.005	0	72	44.5	110	06/27/2014
Naphthalene	0.0001		<b>0.00314</b>	0.005	0	62.8	27.6	103	06/27/2014
Naphthalene	0.0001		<b>0.00314</b>	0.005	0	62.9	47.8	109	06/27/2014
Phenanthrene	0.0001		<b>0.00334</b>	0.005	0	66.8	37.9	109	06/27/2014
Phenanthrene	0.0001		<b>0.00354</b>	0.005	0	70.9	51.9	119	06/27/2014
Pyrene	0.0001		<b>0.00346</b>	0.005	0	69.2	44.2	114	06/27/2014
Pyrene	0.0001		<b>0.00339</b>	0.005	0	67.9	52.5	124	06/27/2014
Surr: 2-Fluorobiphenyl			<b>0.00338</b>	0.005		67.6	45.4	97.6	06/27/2014
Surr: 2-Fluorobiphenyl			<b>0.00304</b>	0.005		60.8	45.5	101	06/27/2014
Surr: Nitrobenzene-d5			<b>0.00247</b>	0.005		49.4	45.2	108	06/27/2014
Surr: Nitrobenzene-d5			<b>0.00299</b>	0.005		59.8	47.2	102	06/27/2014
Surr: p-Terphenyl-d14			<b>0.00434</b>	0.005		86.8	46	127	06/27/2014
Surr: p-Terphenyl-d14			<b>0.0033</b>	0.005		66	54.9	115	06/27/2014





## Quality Control Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 14061507

**Client Project:** Ameren Champaign MGP 624-1201-0008

**Report Date:** 07-Jul-14

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

Batch	SampType	LCSD	Units mg/L				RPD Limit 50			Date Analyzed
SampID: LCSD-100023										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Acenaphthene	0.0001		<b>0.00329</b>	0.005	0	65.8	0.00319	3.09	06/27/2014	
Acenaphthene	0.0001		<b>0.00345</b>	0.005	0	68.9	0.003326	3.54	06/27/2014	
Acenaphthylene	0.0001		<b>0.00333</b>	0.005	0	66.6	0.00323	3.05	06/27/2014	
Anthracene	0.0001		<b>0.00358</b>	0.005	0	71.6	0.00334	6.94	06/27/2014	
Anthracene	0.0001		<b>0.0036</b>	0.005	0	72	0.00344	4.60	06/27/2014	
Benzo(a)anthracene	0.0001		<b>0.00375</b>	0.005	0	75	0.00356	5.20	06/27/2014	
Benzo(a)pyrene	0.0001		<b>0.00347</b>	0.005	0	69.4	0.00338	2.63	06/27/2014	
Benzo(b)fluoranthene	0.0001		<b>0.00355</b>	0.005	0	71	0.00342	3.73	06/27/2014	
Benzo(g,h,i)perylene	0.0001		<b>0.00375</b>	0.005	0	75	0.0036	4.08	06/27/2014	
Benzo(k)fluoranthene	0.0001		<b>0.00351</b>	0.005	0	70.2	0.00337	4.07	06/27/2014	
Chrysene	0.0001		<b>0.0033</b>	0.005	0	66	0.00317	4.02	06/27/2014	
Dibenzo(a,h)anthracene	0.0001		<b>0.00374</b>	0.005	0	74.8	0.0036	3.81	06/27/2014	
Fluoranthene	0.0001		<b>0.00373</b>	0.005	0	74.6	0.00343	8.38	06/27/2014	
Fluoranthene	0.0001		<b>0.00372</b>	0.005	0	74.3	0.00349	6.30	06/27/2014	
Fluorene	0.0001		<b>0.00358</b>	0.005	0	71.6	0.003408	4.87	06/27/2014	
Fluorene	0.0001		<b>0.00347</b>	0.005	0	69.4	0.00337	2.92	06/27/2014	
Indeno(1,2,3-cd)pyrene	0.0001		<b>0.00373</b>	0.005	0	74.6	0.0036	3.55	06/27/2014	
Naphthalene	0.0001		<b>0.00329</b>	0.005	0	65.8	0.003145	4.48	06/27/2014	
Naphthalene	0.0001		<b>0.00328</b>	0.005	0	65.6	0.00314	4.36	06/27/2014	
Phenanthrene	0.0001		<b>0.00367</b>	0.005	0	73.4	0.003543	3.58	06/27/2014	
Phenanthrene	0.0001		<b>0.00352</b>	0.005	0	70.4	0.00334	5.25	06/27/2014	
Pyrene	0.0001		<b>0.0037</b>	0.005	0	74	0.00346	6.70	06/27/2014	
Pyrene	0.0001		<b>0.00366</b>	0.005	0	73.3	0.003394	7.65	06/27/2014	
Surr: 2-Fluorobiphenyl			<b>0.00342</b>	0.005		68.4			06/27/2014	
Surr: 2-Fluorobiphenyl			<b>0.0031</b>	0.005		62.1			06/27/2014	
Surr: Nitrobenzene-d5			<b>0.00255</b>	0.005		51			06/27/2014	
Surr: Nitrobenzene-d5			<b>0.00306</b>	0.005		61.2			06/27/2014	
Surr: p-Terphenyl-d14			<b>0.00457</b>	0.005		91.4			06/27/2014	
Surr: p-Terphenyl-d14			<b>0.00339</b>	0.005		67.8			06/27/2014	



## Quality Control Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 14061507

**Client Project:** Ameren Champaign MGP 624-1201-0008

**Report Date:** 07-Jul-14

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

Batch 100023		SampType: MS		Units mg/L						Date Analyzed
SampID: 14061507-009AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.0001		<b>0.00313</b>	0.005	0	62.6	42.4	117	06/28/2014	
Acenaphthylene	0.0001		<b>0.00309</b>	0.005	0	61.8	48.4	133	06/28/2014	
Anthracene	0.0001		<b>0.00303</b>	0.005	0	60.6	52.4	115	06/28/2014	
Benzo(a)anthracene	0.0001		<b>0.00342</b>	0.005	0	68.4	50.8	105	06/28/2014	
Benzo(a)pyrene	0.0001		<b>0.00309</b>	0.005	0	61.8	53.3	126	06/28/2014	
Benzo(b)fluoranthene	0.0001		<b>0.00313</b>	0.005	0	62.6	53.5	131	06/28/2014	
Benzo(g,h,i)perylene	0.0001		<b>0.00302</b>	0.005	0	60.4	54.6	127	06/28/2014	
Benzo(k)fluoranthene	0.0001		<b>0.003</b>	0.005	0	60	56.2	128	06/28/2014	
Chrysene	0.0001		<b>0.00302</b>	0.005	0	60.4	54.4	122	06/28/2014	
Dibenzo(a,h)anthracene	0.0001		<b>0.00309</b>	0.005	0	61.8	54.8	127	06/28/2014	
Fluoranthene	0.0001		<b>0.0032</b>	0.005	0	64	54.5	122	06/28/2014	
Fluorene	0.0001		<b>0.00321</b>	0.005	0	64.2	47.7	119	06/28/2014	
Indeno(1,2,3-cd)pyrene	0.0001		<b>0.00301</b>	0.005	0	60.2	53.2	125	06/28/2014	
Naphthalene	0.0001		<b>0.00315</b>	0.005	0	63	36.3	107	06/28/2014	
Phenanthrene	0.0001		<b>0.00302</b>	0.005	0	60.4	51	112	06/28/2014	
Pyrene	0.0001		<b>0.00376</b>	0.005	0	75.2	55.9	121	06/28/2014	
Surr: 2-Fluorobiphenyl			<b>0.00375</b>	0.005		75	34.3	105	06/28/2014	
Surr: Nitrobenzene-d5			<b>0.00281</b>	0.005		56.2	43	106	06/28/2014	
Surr: p-Terphenyl-d14			<b>0.00324</b>	0.005		64.8	6.05	133	06/28/2014	

Batch 100023		SampType: MSD		Units mg/L				RPD Limit 50		Date Analyzed
SampID: 14061507-009AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Acenaphthene	0.0001		<b>0.00322</b>	0.005	0	64.4	0.00313	2.83	06/28/2014	
Acenaphthylene	0.0001		<b>0.00315</b>	0.005	0	63	0.00309	1.92	06/28/2014	
Anthracene	0.0001		<b>0.00308</b>	0.005	0	61.6	0.00303	1.64	06/28/2014	
Benzo(a)anthracene	0.0001		<b>0.00345</b>	0.005	0	69	0.00342	0.87	06/28/2014	
Benzo(a)pyrene	0.0001		<b>0.00318</b>	0.005	0	63.6	0.00309	2.87	06/28/2014	
Benzo(b)fluoranthene	0.0001		<b>0.0032</b>	0.005	0	64	0.00313	2.21	06/28/2014	
Benzo(g,h,i)perylene	0.0001		<b>0.00307</b>	0.005	0	61.4	0.00302	1.64	06/28/2014	
Benzo(k)fluoranthene	0.0001		<b>0.00311</b>	0.005	0	62.2	0.003	3.60	06/28/2014	
Chrysene	0.0001		<b>0.00307</b>	0.005	0	61.4	0.00302	1.64	06/28/2014	
Dibenzo(a,h)anthracene	0.0001		<b>0.00317</b>	0.005	0	63.4	0.00309	2.56	06/28/2014	
Fluoranthene	0.0001		<b>0.00337</b>	0.005	0	67.4	0.0032	5.18	06/28/2014	
Fluorene	0.0001		<b>0.0033</b>	0.005	0	66	0.00321	2.76	06/28/2014	
Indeno(1,2,3-cd)pyrene	0.0001		<b>0.0033</b>	0.005	0	66	0.00301	9.19	06/28/2014	
Naphthalene	0.0001		<b>0.00318</b>	0.005	0	63.6	0.00315	0.95	06/28/2014	
Phenanthrene	0.0001		<b>0.00308</b>	0.005	0	61.6	0.00302	1.97	06/28/2014	
Pyrene	0.0001		<b>0.00392</b>	0.005	0	78.4	0.00376	4.17	06/28/2014	
Surr: 2-Fluorobiphenyl			<b>0.00364</b>	0.005		72.8			06/28/2014	
Surr: Nitrobenzene-d5			<b>0.00267</b>	0.005		53.4			06/28/2014	
Surr: p-Terphenyl-d14			<b>0.00325</b>	0.005		65			06/28/2014	



## Quality Control Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 14061507

**Client Project:** Ameren Champaign MGP 624-1201-0008

**Report Date:** 07-Jul-14

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

**Batch** 100065      **SampType:** MBLK

Units mg/L

SampID: MBLK-100065

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene	0.0001		ND						07/02/2014
Acenaphthene	0.0001		ND						06/30/2014
Acenaphthylene	0.0001		ND						06/30/2014
Anthracene	0.0001		ND						06/30/2014
Anthracene	0.0001		ND						07/02/2014
Benzo(a)anthracene	0.0001		ND						06/30/2014
Benzo(a)pyrene	0.0001		ND						06/30/2014
Benzo(b)fluoranthene	0.0001		ND						06/30/2014
Benzo(g,h,i)perylene	0.0001		ND						06/30/2014
Benzo(k)fluoranthene	0.0001		ND						06/30/2014
Chrysene	0.0001		ND						06/30/2014
Dibenzo(a,h)anthracene	0.0001		ND						06/30/2014
Fluoranthene	0.0001		ND						07/02/2014
Fluoranthene	0.0001		ND						06/30/2014
Fluorene	0.0001		ND						06/30/2014
Fluorene	0.0001		ND						07/02/2014
Indeno(1,2,3-cd)pyrene	0.0001		ND						06/30/2014
Naphthalene	0.0001		ND						07/02/2014
Naphthalene	0.0001		ND						06/30/2014
Phenanthrene	0.0001		ND						06/30/2014
Phenanthrene	0.0001		ND						07/02/2014
Pyrene	0.0001		ND						07/02/2014
Pyrene	0.0001		ND						06/30/2014
Surr: 2-Fluorobiphenyl			0.00326	0.005		65.2	45.4	97.6	06/30/2014
Surr: 2-Fluorobiphenyl			0.00269	0.005		53.8	30.2	114	07/02/2014
Surr: Nitrobenzene-d5			0.00258	0.005		51.7	27.2	106	07/02/2014
Surr: Nitrobenzene-d5			0.00241	0.005		48.2	45.2	108	06/30/2014
Surr: p-Terphenyl-d14			0.00333	0.005		66.5	35.2	135	07/02/2014
Surr: p-Terphenyl-d14			0.00449	0.005		89.8	46	127	06/30/2014



## Quality Control Results

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**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 14061507

**Client Project:** Ameren Champaign MGP 624-1201-0008

**Report Date:** 07-Jul-14

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

**Batch** 100065      **SampType:** LCS

Units mg/L

SampID: LCS-100065

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene	0.0001		<b>0.00351</b>	0.005	0	70.3	53.5	111	07/02/2014
Acenaphthene	0.0001		<b>0.0034</b>	0.005	0	68	36.7	104	06/30/2014
Acenaphthylene	0.0001		<b>0.00347</b>	0.005	0	69.4	38.4	106	06/30/2014
Anthracene	0.0001		<b>0.00349</b>	0.005	0	69.9	49.4	119	07/02/2014
Anthracene	0.0001		<b>0.00362</b>	0.005	0	72.4	40.9	107	06/30/2014
Benzo(a)anthracene	0.0001		<b>0.00379</b>	0.005	0	75.8	52.6	120	06/30/2014
Benzo(a)pyrene	0.0001		<b>0.00348</b>	0.005	0	69.6	53.4	108	06/30/2014
Benzo(b)fluoranthene	0.0001		<b>0.00356</b>	0.005	0	71.2	52	106	06/30/2014
Benzo(g,h,i)perylene	0.0001		<b>0.00397</b>	0.005	0	79.4	44.4	108	06/30/2014
Benzo(k)fluoranthene	0.0001		<b>0.00365</b>	0.005	0	73	53.1	104	06/30/2014
Chrysene	0.0001		<b>0.00342</b>	0.005	0	68.4	47.1	101	06/30/2014
Dibenzo(a,h)anthracene	0.0001		<b>0.00398</b>	0.005	0	79.6	46.1	110	06/30/2014
Fluoranthene	0.0001		<b>0.0035</b>	0.005	0	70	57.1	121	07/02/2014
Fluoranthene	0.0001		<b>0.00377</b>	0.005	0	75.4	44	110	06/30/2014
Fluorene	0.0001		<b>0.00348</b>	0.005	0	69.5	53.3	117	07/02/2014
Fluorene	0.0001		<b>0.00353</b>	0.005	0	70.6	37.3	110	06/30/2014
Indeno(1,2,3-cd)pyrene	0.0001		<b>0.00401</b>	0.005	0	80.2	44.5	110	06/30/2014
Naphthalene	0.0001		<b>0.00338</b>	0.005	0	67.6	27.6	103	06/30/2014
Naphthalene	0.0001		<b>0.00314</b>	0.005	0	62.7	47.8	109	07/02/2014
Phenanthrene	0.0001		<b>0.00358</b>	0.005	0	71.6	51.9	119	07/02/2014
Phenanthrene	0.0001		<b>0.00361</b>	0.005	0	72.2	37.9	109	06/30/2014
Pyrene	0.0001		<b>0.00347</b>	0.005	0	69.4	52.5	124	07/02/2014
Pyrene	0.0001		<b>0.00376</b>	0.005	0	75.2	44.2	114	06/30/2014
Surr: 2-Fluorobiphenyl			<b>0.00358</b>	0.005		71.6	45.4	97.6	06/30/2014
Surr: 2-Fluorobiphenyl			<b>0.00288</b>	0.005		57.5	45.5	101	07/02/2014
Surr: Nitrobenzene-d5			<b>0.00316</b>	0.005		63.1	47.2	102	07/02/2014
Surr: Nitrobenzene-d5			<b>0.00259</b>	0.005		51.8	45.2	108	06/30/2014
Surr: p-Terphenyl-d14			<b>0.00345</b>	0.005		69.1	54.9	115	07/02/2014
Surr: p-Terphenyl-d14			<b>0.00513</b>	0.005		102.6	46	127	06/30/2014



## Quality Control Results

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**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 14061507

**Client Project:** Ameren Champaign MGP 624-1201-0008

**Report Date:** 07-Jul-14

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

Batch	SampType:	Units	RPD Limit 40							Date		
100065	LCSD	mg/L	Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Analyzed
SampID: LCSD-100065												
			Acenaphthene	0.0001		0.00379	0.005	0	75.8	0.003513	7.59	07/02/2014
			Acenaphthene	0.0001		0.00358	0.005	0	71.6	0.0034	5.16	06/30/2014
			Acenaphthylene	0.0001		0.00372	0.005	0	74.4	0.00347	6.95	06/30/2014
			Anthracene	0.0001		0.00368	0.005	0	73.6	0.003493	5.21	07/02/2014
			Anthracene	0.0001		0.00389	0.005	0	77.8	0.00362	7.19	06/30/2014
			Benzo(a)anthracene	0.0001		0.00397	0.005	0	79.4	0.00379	4.64	06/30/2014
			Benzo(a)pyrene	0.0001		0.00371	0.005	0	74.2	0.00348	6.40	06/30/2014
			Benzo(b)fluoranthene	0.0001		0.00385	0.005	0	77	0.00356	7.83	06/30/2014
			Benzo(g,h,i)perylene	0.0001		0.00425	0.005	0	85	0.00397	6.81	06/30/2014
			Benzo(k)fluoranthene	0.0001		0.00395	0.005	0	79	0.00365	7.89	06/30/2014
			Chrysene	0.0001		0.00351	0.005	0	70.2	0.00342	2.60	06/30/2014
			Dibenzo(a,h)anthracene	0.0001		0.00425	0.005	0	85	0.00398	6.56	06/30/2014
			Fluoranthene	0.0001		0.0037	0.005	0	74.1	0.0035	5.64	07/02/2014
			Fluoranthene	0.0001		0.00417	0.005	0	83.4	0.00377	10.08	06/30/2014
			Fluorene	0.0001		0.00382	0.005	0	76.4	0.00353	7.89	06/30/2014
			Fluorene	0.0001		0.00378	0.005	0	75.6	0.003477	8.30	07/02/2014
			Indeno(1,2,3-cd)pyrene	0.0001		0.00424	0.005	0	84.8	0.00401	5.58	06/30/2014
			Naphthalene	0.0001		0.00362	0.005	0	72.4	0.00338	6.86	06/30/2014
			Naphthalene	0.0001		0.00338	0.005	0	67.5	0.003137	7.37	07/02/2014
			Phenanthrene	0.0001		0.00391	0.005	0	78.2	0.00361	7.98	06/30/2014
			Phenanthrene	0.0001		0.00381	0.005	0	76.2	0.003582	6.12	07/02/2014
			Pyrene	0.0001		0.00412	0.005	0	82.4	0.00376	9.14	06/30/2014
			Pyrene	0.0001		0.00362	0.005	0	72.5	0.003469	4.37	07/02/2014
			Surr: 2-Fluorobiphenyl			0.00369	0.005		73.8			06/30/2014
			Surr: 2-Fluorobiphenyl			0.003	0.005		59.9			07/02/2014
			Surr: Nitrobenzene-d5			0.00267	0.005		53.4			06/30/2014
			Surr: Nitrobenzene-d5			0.00338	0.005		67.5			07/02/2014
			Surr: p-Terphenyl-d14			0.00537	0.005		107.4			06/30/2014
			Surr: p-Terphenyl-d14			0.00346	0.005		69.2			07/02/2014

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

Batch	SampType:	Units	RPD Limit 40							Date		
100026	MBLK	µg/Kg	Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Analyzed
SampID: MBLK-F140626-1												
			Benzene	1		ND						06/26/2014
			Ethylbenzene	5		ND						06/26/2014
			Toluene	5		ND						06/26/2014
			Xylenes, Total	5		ND						06/26/2014
			Surr: 1,2-Dichloroethane-d4			49	50		98	72.2	131	06/26/2014
			Surr: 4-Bromofluorobenzene			48.7	50		97.4	82.1	116	06/26/2014
			Surr: Dibromofluoromethane			49.8	50		99.7	77.7	120	06/26/2014
			Surr: Toluene-d8			49.2	50		98.5	86	116	06/26/2014



## Quality Control Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 14061507

**Client Project:** Ameren Champaign MGP 624-1201-0008

**Report Date:** 07-Jul-14

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

Batch 100026		SampType: LCSD		Units µg/Kg				RPD Limit 40		
SampID: LCSD-F140626-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Benzene	1		49.9	50	0	99.9	49.53	0.80	06/26/2014	
Ethylbenzene	5		47.6	50	0	95.1	47.58	0.06	06/26/2014	
Toluene	5		48	50	0	95.9	47.92	0.08	06/26/2014	
Xylenes, Total	5		140	150	0	93.5	140.1	0.15	06/26/2014	
Surr: 1,2-Dichloroethane-d4			47	50		94			06/26/2014	
Surr: 4-Bromofluorobenzene			49.1	50		98.1			06/26/2014	
Surr: Dibromofluoromethane			50.3	50		100.6			06/26/2014	
Surr: Toluene-d8			49.1	50		98.3			06/26/2014	

Batch 100026		SampType: LCS		Units µg/Kg						
SampID: LCS-F140626-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Benzene	1		49.5	50	0	99.1	80.8	117	06/26/2014	
Ethylbenzene	5		47.6	50	0	95.2	84.8	116	06/26/2014	
Toluene	5		47.9	50	0	95.8	81.3	113	06/26/2014	
Xylenes, Total	5		140	150	0	93.4	85.3	118	06/26/2014	
Surr: 1,2-Dichloroethane-d4			47.5	50		95	72.2	131	06/26/2014	
Surr: 4-Bromofluorobenzene			49.4	50		98.8	82.1	116	06/26/2014	
Surr: Dibromofluoromethane			49.8	50		99.6	77.7	120	06/26/2014	
Surr: Toluene-d8			48.6	50		97.3	86	116	06/26/2014	

Batch 100026		SampType: LCSGD		Units %REC				RPD Limit 0		
SampID: LCSGD-F140626-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Surr: 1,2-Dichloroethane-d4			47.8	50		95.6			06/26/2014	
Surr: 4-Bromofluorobenzene			49.8	50		99.7			06/26/2014	
Surr: Dibromofluoromethane			49.3	50		98.6			06/26/2014	
Surr: Toluene-d8			50	50		99.9			06/26/2014	

Batch 100026		SampType: LCSG		Units %REC						
SampID: LCSG-F140626-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: 1,2-Dichloroethane-d4			48.2	50		96.4	72.2	131	06/26/2014	
Surr: 4-Bromofluorobenzene			48.3	50		96.5	82.1	116	06/26/2014	
Surr: Dibromofluoromethane			49.6	50		99.2	77.7	120	06/26/2014	
Surr: Toluene-d8			49.3	50		98.6	86	116	06/26/2014	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 14061507

**Client Project:** Ameren Champaign MGP 624-1201-0008

**Report Date:** 07-Jul-14

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

Batch 100062		SampType: MBLK		Units µg/L						
SampID: MBLK-A140627-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Benzene	1		ND						06/27/2014	
Ethylbenzene	5		ND						06/27/2014	
Toluene	5		ND						06/27/2014	
Xylenes, Total	5		ND						06/27/2014	
Surr: 1,2-Dichloroethane-d4			42.9	50		85.9	72.2	131	06/27/2014	
Surr: 4-Bromofluorobenzene			50.3	50		100.6	82.1	116	06/27/2014	
Surr: Dibromofluoromethane			48.7	50		97.4	77.7	120	06/27/2014	
Surr: Toluene-d8			49.6	50		99.3	86	116	06/27/2014	

Batch 100062		SampType: LCS		Units µg/L						
SampID: LCS-A140627-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Benzene	1		47	50	0	94	80.8	117	06/27/2014	
Ethylbenzene	5		48.4	50	0	96.8	84.8	116	06/27/2014	
Toluene	5		47.7	50	0	95.4	81.3	113	06/27/2014	
Xylenes, Total	5		150	150	0	99.7	85.3	118	06/27/2014	
Surr: 1,2-Dichloroethane-d4			41.5	50		83	72.2	131	06/27/2014	
Surr: 4-Bromofluorobenzene			48.7	50		97.4	82.1	116	06/27/2014	
Surr: Dibromofluoromethane			46.4	50		92.9	77.7	120	06/27/2014	
Surr: Toluene-d8			49.6	50		99.3	86	116	06/27/2014	

Batch 100062		SampType: LCSD		Units µg/L				RPD Limit 40		Date Analyzed
SampID: LCSD-A140627-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Benzene	1		47.6	50	0	95.1	47.01	1.18	06/27/2014	
Ethylbenzene	5		49.2	50	0	98.5	48.4	1.70	06/27/2014	
Toluene	5		48.8	50	0	97.7	47.68	2.40	06/27/2014	
Xylenes, Total	5		151	150	0	100.9	149.6	1.18	06/27/2014	
Surr: 1,2-Dichloroethane-d4			41.2	50		82.4			06/27/2014	
Surr: 4-Bromofluorobenzene			49.3	50		98.6			06/27/2014	
Surr: Dibromofluoromethane			46.9	50		93.7			06/27/2014	
Surr: Toluene-d8			50	50		100.1			06/27/2014	

Batch 100063		SampType: MBLK		Units µg/L						
SampID: MBLK-T140627-2										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Benzene	2		ND						06/27/2014	
Ethylbenzene	5		ND						06/27/2014	
Toluene	5		ND						06/27/2014	
Xylenes, Total	5		ND						06/27/2014	
Surr: 1,2-Dichloroethane-d4			48.6	50		97.3	74.7	129	06/27/2014	
Surr: 4-Bromofluorobenzene			52.7	50		105.3	86	119	06/27/2014	
Surr: Dibromofluoromethane			46.6	50		93.2	81.7	123	06/27/2014	
Surr: Toluene-d8			50.1	50		100.1	84.3	114	06/27/2014	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 14061507

**Client Project:** Ameren Champaign MGP 624-1201-0008

**Report Date:** 07-Jul-14

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

Batch 100063		SampType: LCSD		Units µg/L				RPD Limit 40		Date Analyzed
SampID: LCSD-T140627-2										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Benzene	2		48.5	50	0	97.1	49.66	2.30	06/27/2014	
Ethylbenzene	5		51.2	50	0	102.4	52.06	1.69	06/27/2014	
Toluene	5		48.9	50	0	97.7	49.73	1.74	06/27/2014	
Xylenes, Total	5		151	150	0	100.9	154.2	1.85	06/27/2014	
Surr: 1,2-Dichloroethane-d4			48.8	50		97.7			06/27/2014	
Surr: 4-Bromofluorobenzene			51.9	50		103.8			06/27/2014	
Surr: Dibromofluoromethane			47.4	50		94.7			06/27/2014	
Surr: Toluene-d8			50	50		100			06/27/2014	

Batch 100063		SampType: LCS		Units µg/L						Date Analyzed
SampID: LCS-T140627-2										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	2		49.7	50	0	99.3	80	114	06/27/2014	
Ethylbenzene	5		52.1	50	0	104.1	77.2	113	06/27/2014	
Toluene	5		49.7	50	0	99.5	77.5	113	06/27/2014	
Xylenes, Total	5		154	150	0	102.8	79.6	113	06/27/2014	
Surr: 1,2-Dichloroethane-d4			49.6	50		99.1	74.7	129	06/27/2014	
Surr: 4-Bromofluorobenzene			51.7	50		103.4	86	119	06/27/2014	
Surr: Dibromofluoromethane			48.3	50		96.5	81.7	123	06/27/2014	
Surr: Toluene-d8			50.2	50		100.4	84.1	114	06/27/2014	

Batch 100063		SampType: MS		Units µg/L						Date Analyzed
SampID: 14061507-030CMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	2		57.9	58	0	99.8	62.5	121	06/28/2014	
Ethylbenzene	5		65.6	58	0	113.2	74.4	130	06/28/2014	
Toluene	5		59	58	0	101.8	69.5	118	06/28/2014	
Xylenes, Total	5		129	116	0	111	71.1	125	06/28/2014	
Surr: 1,2-Dichloroethane-d4			51.6	50		103.2	74.7	129	06/28/2014	
Surr: 4-Bromofluorobenzene			53.6	50		107.1	86	119	06/28/2014	
Surr: Dibromofluoromethane			46.9	50		93.7	81.7	123	06/28/2014	
Surr: Toluene-d8			50.4	50		100.9	84.3	114	06/28/2014	

Batch 100063		SampType: MSD		Units µg/L				RPD Limit 20		Date Analyzed
SampID: 14061507-030CMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Benzene	2		58.4	58	0	100.6	57.88	0.81	06/28/2014	
Ethylbenzene	5		64.6	58	0	111.3	65.65	1.69	06/28/2014	
Toluene	5		57.7	58	0	99.5	59.02	2.24	06/28/2014	
Xylenes, Total	5		127	116	0	109.9	128.8	1.01	06/28/2014	
Surr: 1,2-Dichloroethane-d4			51.4	50		102.7			06/28/2014	
Surr: 4-Bromofluorobenzene			54.2	50		108.3			06/28/2014	
Surr: Dibromofluoromethane			46.8	50		93.6			06/28/2014	
Surr: Toluene-d8			48.8	50		97.7			06/28/2014	



**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 14061507

**Client Project:** Ameren Champaign MGP 624-1201-0008

**Report Date:** 07-Jul-14

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

Batch 100084		SampType: MBLK		Units µg/L						Date Analyzed
SampID: MBLK-R140630-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	2		ND						06/30/2014	
Ethylbenzene	5		ND						06/30/2014	
Toluene	5		ND						06/30/2014	
Xylenes, Total	5		ND						06/30/2014	
Surr: 1,2-Dichloroethane-d4			50.9	50		101.8	74.7	129	06/30/2014	
Surr: 4-Bromofluorobenzene			49.7	50		99.3	86	119	06/30/2014	
Surr: Dibromofluoromethane			49.4	50		98.7	81.7	123	06/30/2014	
Surr: Toluene-d8			49.9	50		99.9	84.3	114	06/30/2014	

Batch 100084		SampType: LCSD		Units µg/L		RPD Limit 40				Date Analyzed
SampID: LCSD-R140630-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Benzene	2		49.3	50	0	98.6	50.17	1.79	06/30/2014	
Ethylbenzene	5		52.2	50	0	104.4	53.56	2.59	06/30/2014	
Toluene	5		50.8	50	0	101.6	51.57	1.48	06/30/2014	
Xylenes, Total	5		154	150	0	102.8	157.5	2.14	06/30/2014	
Surr: 1,2-Dichloroethane-d4			50.6	50		101.2			06/30/2014	
Surr: 4-Bromofluorobenzene			49.2	50		98.4			06/30/2014	
Surr: Dibromofluoromethane			50	50		99.9			06/30/2014	
Surr: Toluene-d8			50.5	50		101			06/30/2014	

Batch 100084		SampType: LCS		Units µg/L						Date Analyzed
SampID: LCS-R140630-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	2		50.2	50	0	100.3	80	114	06/30/2014	
Ethylbenzene	5		53.6	50	0	107.1	77.2	113	06/30/2014	
Toluene	5		51.6	50	0	103.1	77.5	113	06/30/2014	
Xylenes, Total	5		158	150	0	105	79.6	113	06/30/2014	
Surr: 1,2-Dichloroethane-d4			49.7	50		99.4	74.7	129	06/30/2014	
Surr: 4-Bromofluorobenzene			50	50		99.9	86	119	06/30/2014	
Surr: Dibromofluoromethane			49.1	50		98.2	81.7	123	06/30/2014	
Surr: Toluene-d8			51	50		102	84.1	114	06/30/2014	

Batch R192493		SampType: MS		Units µg/L						Date Analyzed
SampID: 14061507-009CMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	2		41.8	50	0	83.5	62.5	121	06/27/2014	
Ethylbenzene	5		43.9	50	0	87.7	74.4	130	06/27/2014	
Toluene	5		43.4	50	0	86.9	69.5	118	06/27/2014	
Xylenes, Total	5		88.7	100	0	88.7	71.1	125	06/27/2014	
Surr: 1,2-Dichloroethane-d4			44.1	50		88.2	74.7	129	06/27/2014	
Surr: 4-Bromofluorobenzene			50.2	50		100.3	86	119	06/27/2014	
Surr: Dibromofluoromethane			48.9	50		97.8	81.7	123	06/27/2014	
Surr: Toluene-d8			49.1	50		98.1	84.3	114	06/27/2014	



## Quality Control Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 14061507

**Client Project:** Ameren Champaign MGP 624-1201-0008

**Report Date:** 07-Jul-14

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

Batch	SampType	MSD	Units µg/L				RPD Limit 20			Date
SampID: 14061507-009CMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Benzene	2		<b>41.7</b>	50	0	83.5	41.76	0.05	06/27/2014	
Ethylbenzene	5		<b>42.4</b>	50	0	84.9	43.87	3.29	06/27/2014	
Toluene	5		<b>43.1</b>	50	0	86.3	43.45	0.72	06/27/2014	
Xylenes, Total	5		<b>85</b>	100	0	85	88.66	4.27	06/27/2014	
Surr: 1,2-Dichloroethane-d4			<b>44</b>	50		88			06/27/2014	
Surr: 4-Bromofluorobenzene			<b>50.9</b>	50		101.7			06/27/2014	
Surr: Dibromofluoromethane			<b>49.2</b>	50		98.3			06/27/2014	
Surr: Toluene-d8			<b>49.2</b>	50		98.4			06/27/2014	



# Receiving Check List

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

Client: PSC Industrial Outsourcing, LP

Work Order: 14061507

Client Project: Ameren Champaign MGP 624-1201-0008

Report Date: 07-Jul-14

Carrier: Jenna Purdy

Received By: EEP

Completed by:   
On: 26-Jun-14  
Emily E. Pohlman

Reviewed by:   
On: 26-Jun-14  
Michael L. Austin

Pages to follow: Chain of custody  Extra pages included

- Shipping container/cooler in good condition? Yes  No  Not Present  Temp °C **1.4**
- 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

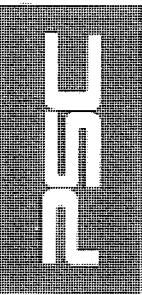
*When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.*

- 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.**

One container bagged with UMW-109 was labeled as UMW-108 collected at 6/25/14 14:25. A complete set of UMW-108 bottles was received bagged together. Per Jenna Purdy, report the container bagged with UMW-109 as UMW-109. EEP 6/26/14

Headspace was present in the UMW-127 volatile vials. Client notified via workorder summary.



# Chain of Custody Record

210 West Sand Bank Road  
Columbia, IL 62236  
(618) 281-7173 Phone  
(618) 281-7020 Fax

14061507

COC Serial No. 12618 1 OF 3

Laboratory	Name: TekLab	Location: Collinsville, IL	Sample ID (depth)	Date	Time	Matrix				Total Number of Containers	Analyses by Method Name and Number	MS/MSD	Comments (Field PID)	Lab ID #s	Laboratory Temperature upon Receipt
						Soil	Water	Air	Wipes						
UMW-126				6/23/14	1530	X				4	BTEX (8/6/0)	VH&S (8/27/05im)		14061507	1.9 °C, ice
UMW-123				↓	1630	X				4				202	Zachary level 1000-2000 No residue in 2000 & 1000 for UMW-127
UMW-301R				↑	1650	X				4				203	
UMW-923				6/23/14	1645	X				4				204	
UMW-1010R				6/24/14	0835	X				4				205	
UMW-305				↓	0845	X				4				206	
UMW-120				↓	0930	X				4				207	
UMW-306				↓	0935	X				4				208	
UMW-307 *MS/MSD				↓	1035	X			9					209	
UMW-102				↓	1130	X			4					210	
UMW-121				↓	1320	X			4					211	
UMW-302				↓	1410	X			4					212	

**Samples Iced:**  Yes  No

**Preservatives:**

- Volatile Organics
- VOC Soil (5035)
- TPH
- Metals
- Cyanide
- Other (Specify)

**Hydrochloric acid (HCl)**

**Sodium Bisulfate/Methanol**

**Hydrochloric acid and/or Sulfuric acid (HNO<sub>3</sub>)**

**Sodium hydroxide (NaOH)**

**Lab Directives:**

Requested TAT:  24-Hour  2-3 Days  STD  Other

E-mail and/or Mail Results to: ESL@INCOSE.COM  STD  Other

Send Invoice to: DAWN MARTIN

QC Deliverable Requested:  Full QC & Limits  CLP-LIKE  EDD  Other

Special Guidelines:

Reporting Limits:

\* Special:

**Shipping:**

Carrier / Airbill No. \_\_\_\_\_

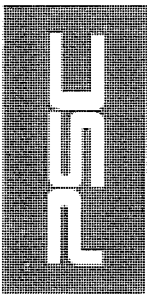
\* One 150 for UMW-109 is labeled

UMW-108. Time matches 109 & bagged with 109 6/26/14 15:09

Distribution: WHITE to Lab CANARY to PM

**Relinquished by:** Signature [Signature] Date 6/26/14 Time 1509

**Received by:** Signature [Signature] Date 6/26/14 Time 1509



# Chain of Custody Record

210 West Sand Bank Road  
Columbia, IL 62236

(618) 281-7173 Phone  
(618) 281-7020 Fax

14061507

COC Serial No. 12619

2 OF 3

Laboratory	Name: Tellaab	Location: Collinsville, IL	Sample ID (depth)	Date	Time	Matrix				Total Number of Containers	Analyses by Method Name and Number	Comments (Field PID)	Lab ID #'s	Laboratory Temperature upon Receipt
						Soil	Water	Air	Wipes					
UMW-902				6/24/14	1420	X				4	BEX(82ec) PHS(820sm) PHS(820sm) PHS(820sm)		14061507-013	
UMW-119					1420	X				4			-014	
UMW-111A					1515	X				4			-015	
UMW-105					1545	X				4			-016	
UMW-300					1120	X				4			-017	
UMW-108				6/25/14	0845	X				4			-018	
UMW-117					0930	X				4			-019	
UMW-107					0945	X				4			-020	
UMW-907					0955	X				4			-021	
UMW-303					1025	X				4			-022	
UMW-118					1330	X				4			-023	
UMW-110					1335	X				4			-024	

**Samples Iced:**  Yes  No

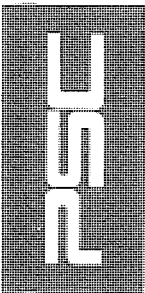
**Preservatives:**  
 Volatile Organics ..... Hydrochloric acid (HCl)  
 VOC Soil (5035) ..... Sodium Bisulfate/Methanol  
 TPH ..... Hydrochloric acid and/or Sulfuric acid  
 Metals ..... Nitric acid (HNO<sub>3</sub>)  
 Cyanide ..... Sodium hydroxide (NaOH)  
 Other (Specify) .....

**Lab Directives:**  
 Requested TAT:  24-Hour  2-3 Days  STD  Other \_\_\_\_\_  
 E-mail and/or Mail Results to: Leslie Hoosier ps.hoosier@pac.com  
 Send Invoice to: Bryan Martin  
 QC Deliverable Requested:  Full QC & Limits  CLP-LIKE  EDD  Other \_\_\_\_\_  
 Special Guidelines: \_\_\_\_\_  
 Reporting Limits: \_\_\_\_\_  
 \* Special: \_\_\_\_\_

**Relinquished by:** Signature [Signature] Date 6/24/14 Time 1809

**Received by:** Signature [Signature] Date 6/24/14 Time 1509

**Shipping:** Carrier / Airbill No. \_\_\_\_\_



# Chain of Custody Record

210 West Sand Bank Road  
Columbia, IL 62236  
(618) 281-7173 Phone  
(618) 281-7020 Fax

14061507

COC Serial No. 12620

3 of 3

Laboratory	Name: <u>TekLab</u>	Location: <u>Collinsville, IL</u>	Sample ID (depth)	Date	Time	Matrix				Total Number of Containers	Analyses by Method Name and Number	Comments (Field PID)	Lab ID #'s	Laboratory Temperature upon Receipt
						Soil	Water	Air	Wipes					
UMW-109	*K			1/25/14	1425	X	X	X	X	4	BEK (8260) PMS (82705m) Tet (9134)		025	
UMW-127				↓	1440	X	X	X	X	4			026	
UMW-304R				↓	1535	X	X	X	X	4			027	
UMW-125				1/26/14	0830	X	X	X	X	4			028	
UMW-124				↓	0850	X	X	X	X	4			029	
UMW-308				↓	0940	X	X	X	X	4			030	
UMW-122				↓	1015	X	X	X	X	4			031	
Trip Blank	**			1/26/14						4			032	

**Samples Iced:**  Yes  No

**Preservatives**

- Volatile Organics ..... Hydrochloric acid (HCl)
- VOC Soil (5035) ..... Sodium Bisulfate/Methanol
- TPH ..... Hydrochloric acid and/or Sulfuric acid
- Metals ..... Nitric acid (HNO<sub>3</sub>)
- Cyanide ..... Sodium hydroxide (NaOH)
- Other (Specify) .....

**Lab Directives:**

- Requested TAT:  24-Hour  2-3 Days  STD
- E-mail and/or Mail Results to: LESIE.HOOSIER@PSCNOW.COM  Other
- Send Invoice to: same as above Brian Martin
- QC Deliverable Requested:  Full QC & Limits  CLP-LIKE  EDD  Other
- Special Guidelines: .....
- Reporting Limits: .....
- \* Special: .....

**Shipping:**

Carrier / Airbill No. per bottle label

**Relinquished by:** Signature [Signature] Date 1/26/14 Time 1507

**Received by:** Signature [Signature] Date 1/26/14 Time 1508