February 15, 2013

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 3, 2012 Sampling Event
Champaign Former MGP Site, Champaign, Illinois

On behalf of Ameren Illinois Company, Kelron Environmental (Kelron) and PSC Industrial Outsourcing, LP (PSC) have completed the third quarter 2012 groundwater sampling event at the Champaign Former Manufactured Gas Plant (FMGP) Site. The site is located at 308 N. 5th Street in Champaign, Illinois. This report discusses the analytical results of the quarterly groundwater monitoring event conducted in September 2012.

INTRODUCTION

The third quarterly groundwater monitoring event of 2012 was conducted from September 24 – 27. Seven new monitoring wells, installed on-site during June and July 2012, were sampled for the first time in September 2012. The four new shallow monitoring wells, designated UMW-124 through UMW-127, were installed to depths between 15 and 16 feet below grade. The three new intermediate monitoring wells, designated UMW-301R, UMW-304R, and UMW-308, were installed to depths between 45 and 47 feet below grade. The groundwater results for these wells are discussed in the following section.

During the September sampling event, samples were collected from 27 groundwater monitoring wells – the 7 new wells installed on-site in June and July, and 20 wells located off-site. The samples were shipped to Teklab, Inc. (Teklab) in Collinsville, Illinois for analysis. Samples were analyzed for the following MGP-related compounds: the volatile organic compounds benzene, toluene, ethylbenzene, and total xylenes (BTEX); polynuclear aromatic hydrocarbons (PAHs); and total cyanide (cyanide).

Groundwater level measurement data for the third quarter 2012 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 wells with constituents exceeding Illinois Environmental Protection Agency (IEPA) groundwater standards are shown on Figure 3 of Attachment 1. Groundwater data from March 2011 through September 2012 are provided in Attachment 2. Attachment 3 includes the laboratory analytical data report from Teklab, and a comparison table (Table 2) of the analytical data to the applicable groundwater standards. Field duplicates were collected from wells UMW-302 and UMW-

305, with the duplicates identified as Duplicate 01 and Duplicate 02, respectively, on the laboratory analytical report.

GROUNDWATER MONITORING RESULTS

Groundwater Levels

Groundwater levels in the shallow monitoring wells at the Champaign FMGP Site in September 2012 (Table 1, Attachment 1) ranged from 3 to 10 feet below land surface (BLS). The shallowest groundwater levels occurred on-site, with shallow water levels ranging from 3 to 5 feet BLS. With the exception of monitoring well UMW-122, the off-site shallow water levels ranged from 5 to 10 feet BLS. The groundwater depth at off-site monitoring well UMW-122 was measured below the bottom of the well screen, indicating that shallow groundwater is either below the well screen or some other factor is prohibiting movement of groundwater into the well.

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 September 2012 ranged from 0.01 to 0.03 foot per foot (ft/ft).

Groundwater levels in the nine intermediate depth monitoring wells, which monitor the intermediate groundwater unit, ranged from 28 to 31 feet BLS. As shown on Figure 2, the intermediate groundwater flow direction is towards the south and southeast, with horizontal hydraulic gradients beneath the Site ranging from 0.001 to 0.002 ft/ft.

Groundwater Quality Data

Figure 3 (Attachment 1) summarizes those wells and constituents which had an exceedance of at least one Class I or Class II groundwater standard based on the September 2012 sampling event. Three of the 27 monitoring wells sampled in the third quarter of 2012 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. One new on-site shallow well, UMW-124, also had a benzene exceedance. Intermediate depth well UMW-302 had benzene and naphthalene 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 September 2012 event.

The only cyanide concentration with an exceedance of groundwater standards in any of the on-site or off-site monitoring wells, shallow or intermediate depths, was at well UMW-107. Groundwater sampled from UMW-107 had a concentration of 0.778 milligrams per Liter (mg/L) versus the Class II groundwater standard of 0.6 mg/L. Cyanide tested in groundwater from well UMW-107 in the previous sampling event during June 2012 had a concentration of 0.895 mg/L. For the period of March 2011 through September 2012 the cyanide concentration at well UMW-107 has ranged from 0.475 to 0.895 mg/L.

The three well locations with an exceedance of an organic constituent (BTEX or PAHs) in September 2012 were shallow wells UMW-107 and UMW-124 and intermediate depth well UMW-302. Shallow well UMW-107 had a benzene concentration of 0.0604 mg/L in September 2012 versus a Class II groundwater standard (i.e., remedial objective) of 0.025 mg/L. The new on-site shallow well UMW-124 had a benzene concentration of 0.0674 mg/L. The benzene concentration in well UMW-107 in the third quarter of 2012 was significantly lower than the previous quarter's concentration of 0.459 mg/L and similar to the concentrations observed in 2010 and 2011, as shown on Figure 4 (Attachment 1). The long term trend in benzene concentration at well UMW-107 has been downward; however, periodic increases such as those observed in the first two quarters of 2012 are expected based on fluctuating groundwater levels.

The only other well with an organic constituent exceeding groundwater standards is well UMW-302. Well UMW-302 had benzene and naphthalene concentrations of 0.367 and 3.59 mg/L, respectively. 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 third quarter of 2012 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 seventeen quarterly monitoring events since first installed and monitored in mid-2008. In addition, none of the three new intermediate depth wells installed on-site in June and July 2012 (UMW-301R, UMW-304R, and UMW-308), and sampled for the first time in September 2012, had an exceedance of any Class I standards.

Figure 4 shows the benzene concentration in well UMW-302. Benzene decreased in concentration at well UMW-302 for nine consecutive quarters, from 1.30 mg/L in May 2008 to 0.292 mg/L in September 2010. Over the last 11 quarters benzene concentrations in groundwater at well UMW-302 have ranged from 0.237 to 0.377 mg/L. Some up and down fluctuations in concentration will continue to occur at this location, but the overall downward trend is expected to continue.

CONCLUSIONS

Four new shallow and three new intermediate depth monitoring wells were installed within the boundaries of the site in late June and early July 2012 in accordance with a plan approved by the IEPA in a letter dated June 15, 2012. These seven new wells were installed to replace and supplement four shallow and two intermediate depth monitoring wells that were removed as a result of on-site remedial activities. The seven new on-site monitoring wells are being monitored quarterly starting with this third quarterly monitoring event of 2012.

Based on the data collected in September 2012, there is a relatively small 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 on-site. Of the 18 shallow monitoring wells sampled, well UMW-107 was the only well with an exceedance of cyanide. Both wells UMW-107 and UMW-124 had an exceedance of benzene, but no other Class II standards for organic constituents (BTEX and PAHs) were exceeded. The only organic parameter with an exceedance in shallow groundwater outside of the FMGP Site, benzene, was significantly lower in concentration than observed in the first two quarters of 2012 and within the lower range of benzene concentrations observed in 2010 and 2011. It is expected that overall groundwater quality will continue to improve, although seasonal changes in precipitation and groundwater levels will still cause some constituent concentrations to fluctuate. However, the long-term trend in both cyanide and organic constituent concentrations should continue to be downward.

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. None of the three new intermediate depth wells installed on-site in 2012 had an exceedance of Class I standards for cyanide, BTEX, or PAHs.

On-site remedial activities at the former MGP site were completed at the end of September 2011. We have defined the extent of on-site and off-site groundwater impacts with our existing monitoring well network. The long-term trend of improving groundwater quality is expected to continue. No additional monitoring wells or analytical parameters are necessary to delineate the extent of MGP-related organic or inorganic groundwater impacts. The fourth quarter 2012 groundwater sampling event occurred during December 2012.

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

Sincerely,

Brian H. Martin

Brian H. Martin, CHMM
Consulting Environmental Scientist
Ameren Services

Attachments:
1. Table 1; Figures 1 through 4
2. Groundwater Data from March 2011 through September 2012
3. Laboratory Analytical Reports and Chain of Custodies; Table 2

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 – September 24, 2012

Figure 2 – Intermediate Zone Groundwater Level Contour Map – September 24, 2012

Figure 3 – Exceedances of Class I and Class 2 Groundwater Standards September 2012 Sampling Event

Figure 4 – Benzene Concentration Trends in Wells Exceeding Groundwater Standards

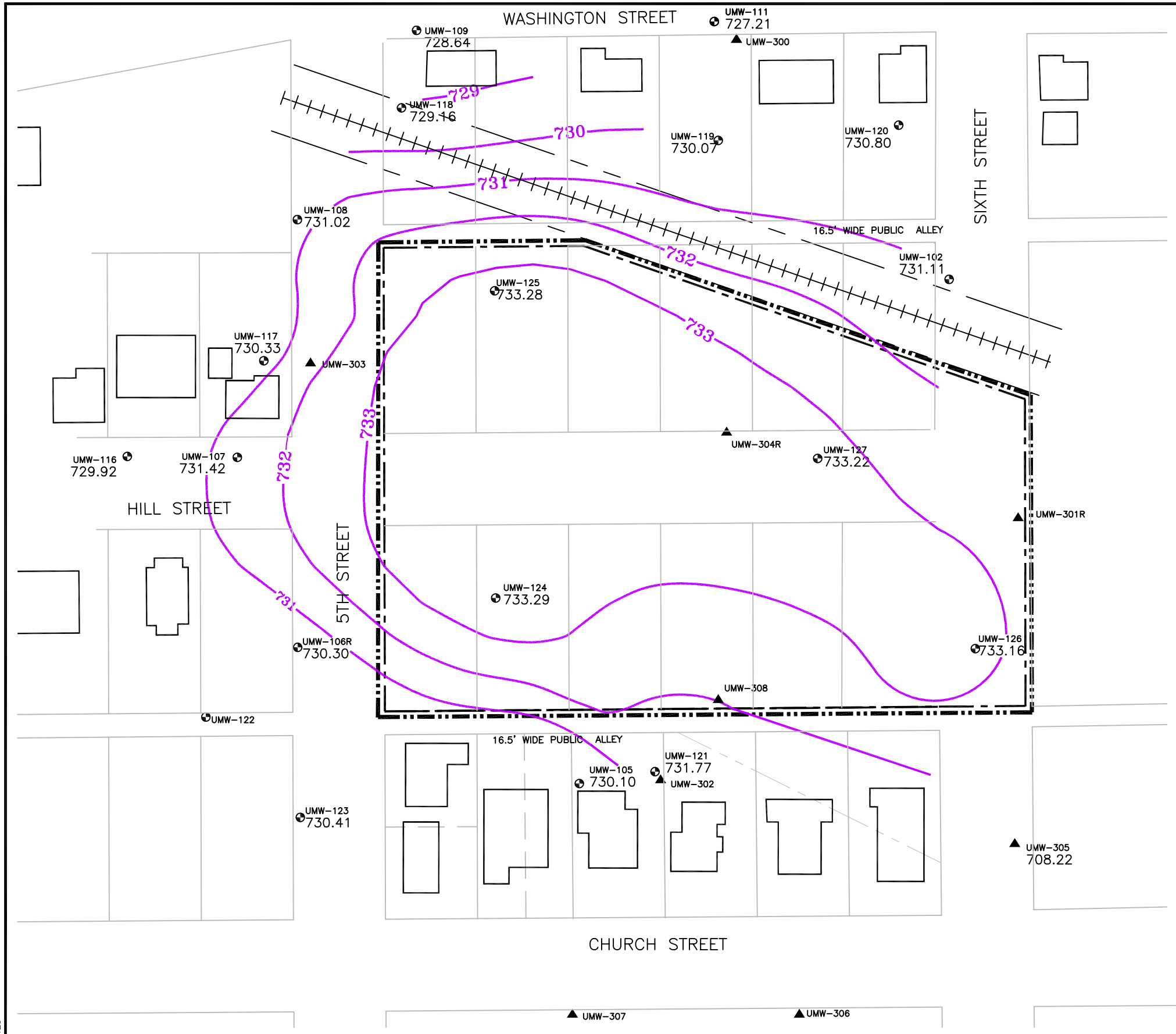
Table 1
Groundwater Measurement Data
September 2012 Groundwater Monitoring Report
Ameren Illinois
Champaign Former MGP Site
Champaign, Illinois

Monitoring Well Number	Total Depth (feet)	Monitored Interval (feet BLS)	Elevation (feet NGVD) Measuring Point (MP)	Land Surface (LS)	September 2012 Below MP (feet)	Elevation (feet NGVD)	Purge Volume (Liters)
UMW-102	22.0	6.7 - 22.0	737.32	737.7	6.21	731.11	3.5
UMW-104	20.0	9.9 - 20.0	735.84	736.3	abandoned	--	--
UMW-105	19.7	9.5 - 19.7	737.33	737.7	7.23	730.10	5.00
UMW-106	20.0	9.8 - 20.0	737.01	737.5	abandoned	--	--
UMW-106 R	17.0	7.0-17.0	737.18	737.4	6.88	730.30	2.8
UMW-107	19.7	9.5 - 19.7	736.88	737.3	5.46	731.42	2.5
UMW-108	15.0	4.8 - 15.0	736.86	737.1	5.84	731.02	2.0
UMW-109	20.0	10.0 - 20.0	735.11	735.5	6.47	728.64	1.3
UMW-110	21.0	10.8 - 21.0	736.73	737.2	abandoned	--	--
UMW-111A	22.8	9.0 - 22.8	736.71	737.0	9.50	727.21	1.5
UMW-112	20.0	10.0 - 20.0	737.48	737.7	no access	--	--
UMW-113	20.0	10.0 - 20.0	740.20	738.2	abandoned	--	--
UMW-114	20.0	10.0 - 20.0	740.42	738.0	abandoned	--	--
UMW-115	20.0	10.0 - 20.0	738.82	738.7	abandoned	--	--
UMW-116	20.0	10.0 - 20.0	736.23	736.5	6.31	729.92	2.5
UMW-117	15.0	5.0 - 15.0	737.53	737.81	7.2	730.33	2.0
UMW-118	15.0	5.0 - 15.0	736.20	736.43	7.04	729.16	2.0
UMW-119	15.0	5.0 - 15.0	736.80	737.09	6.73	730.07	2.5
UMW-120	15.0	5.0 - 15.0	737.02	737.53	6.22	730.80	3.0
UMW-121	15.0	5.0 - 15.0	738.46	738.80	6.69	731.77	6.0
UMW-122	19.75	5.0-15.0	739.15	739.44	19.66	Dry	
UMW-123	15.89	5.89-15.89	737.24	737.53	6.83	730.41	6.0
UMW-124	15.27	4.97-15.02	737.10	737.28	3.81	733.29	6.0
UMW-125	15.33	5.06-15.11	737.92	738.05	4.64	733.28	5.0
UMW-126	15.40	5.13-15.18	736.38	736.55	3.22	733.16	8.5
UMW-127	15.38	5.11-15.16	735.93	736.14	2.71	733.22	5.0
UMW-300	45.0	35.0 - 45.0	736.57	736.79	27.89	708.68	30.28
UMW-301	45.0	35.0 - 45.0	736.14	736.43	abandoned	--	--
UMW-301R	46.65	36.5-46.05	736.11	736.20	27.85	708.26	5.00
UMW-302	45.0	35.0 - 45.0	738.58	738.88	30.31	708.27	4.0
UMW-303	45.0	35.0 - 45.0	737.05	737.38	28.04	709.01	7.0
UMW-304	45.0	35.0 - 45.0	738.00	738.37	abandoned	--	--
UMW-304R	46.16	36.01-45.56	736.48	736.72	28.11	708.37	6.00
UMW-305	45.0	35.0 - 45.0	737.51	737.74	29.29	708.22	5.0
UMW-306	47.0	37.0 - 47.0	736.90	737.18	28.80	708.10	6.0
UMW-307	47.0	37.0 - 47.0	736.92	737.19	28.85	708.07	6.0
UMW-308	45.29	35.14-44.69	737.21	737.39	28.96	708.25	7.0
TPZ-101	17.48	7.48 - 17.48	741.73	738.5	abandoned	--	--
TPZ-102	17.57	7.57 - 17.57	739.98	736.9	abandoned	--	--
TPZ-103	16.11	6.11 - 16.11	740.14	737.0	abandoned	--	--

Notes:

Monitoring wells UMW-104, UMW-106, UMW-110, UMW-113, UMW-114, UMW-115, UMW-301 and UMW-304 have been abandoned. Temporary piezometers TPZ-101 through 103 were abandoned during final site grading activities.

- - Not measured or sampled.



LEGEND

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

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

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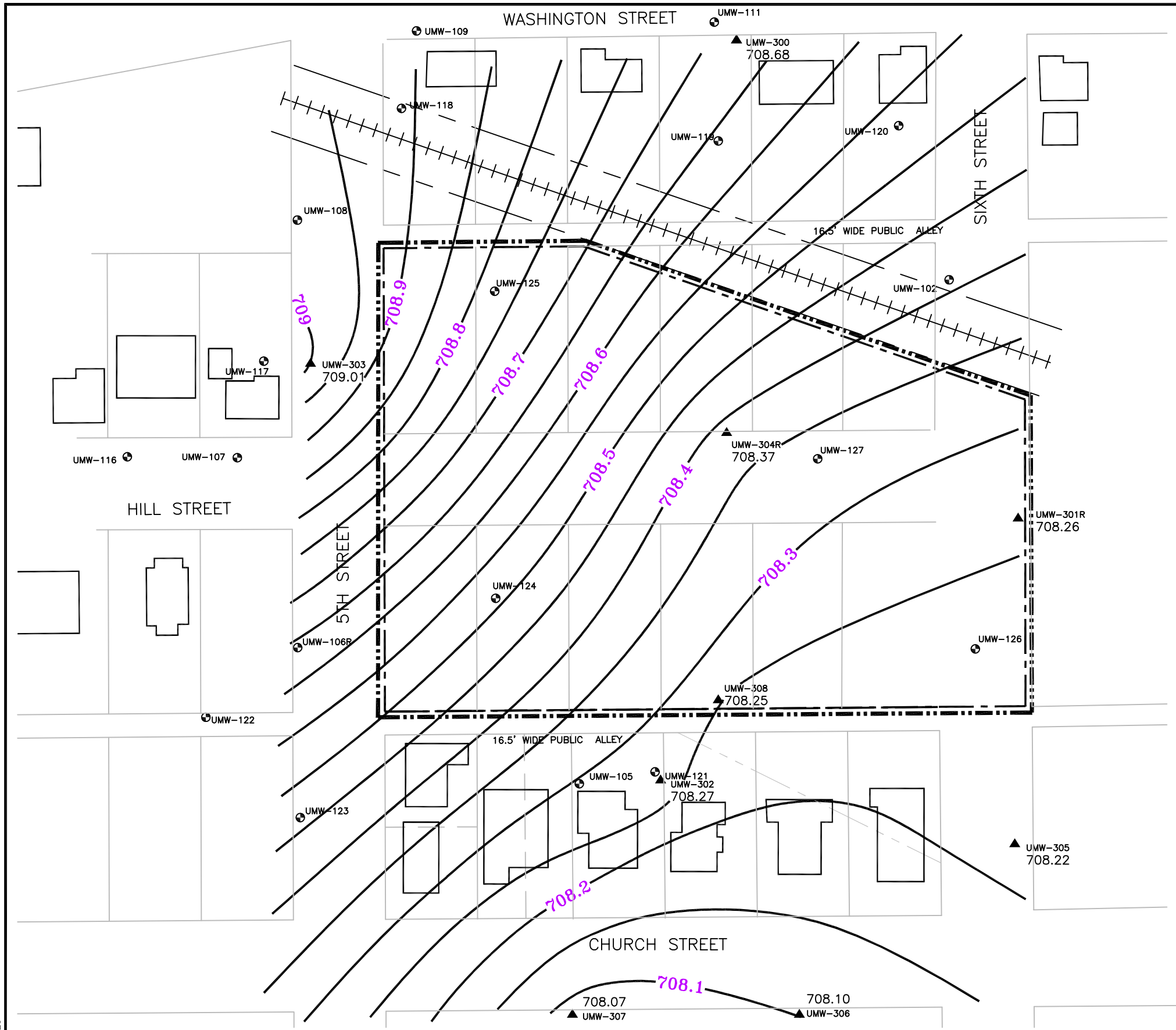
PSC

TITLE:
SHALLOW ZONE GROUNDWATER LEVEL CONTOUR MAP
SEPTEMBER 24, 2012
CHAMPAIGN, ILLINOIS

DWN: TMM	DES:
CHKD:	APPD:
DATE: 8/20/12	REV:

PROJECT NO: 62412010008
AMEREN ILLINOIS
CHAMPAIGN, ILLINOIS

FIGURE 1



LEGEND

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

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

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FEET

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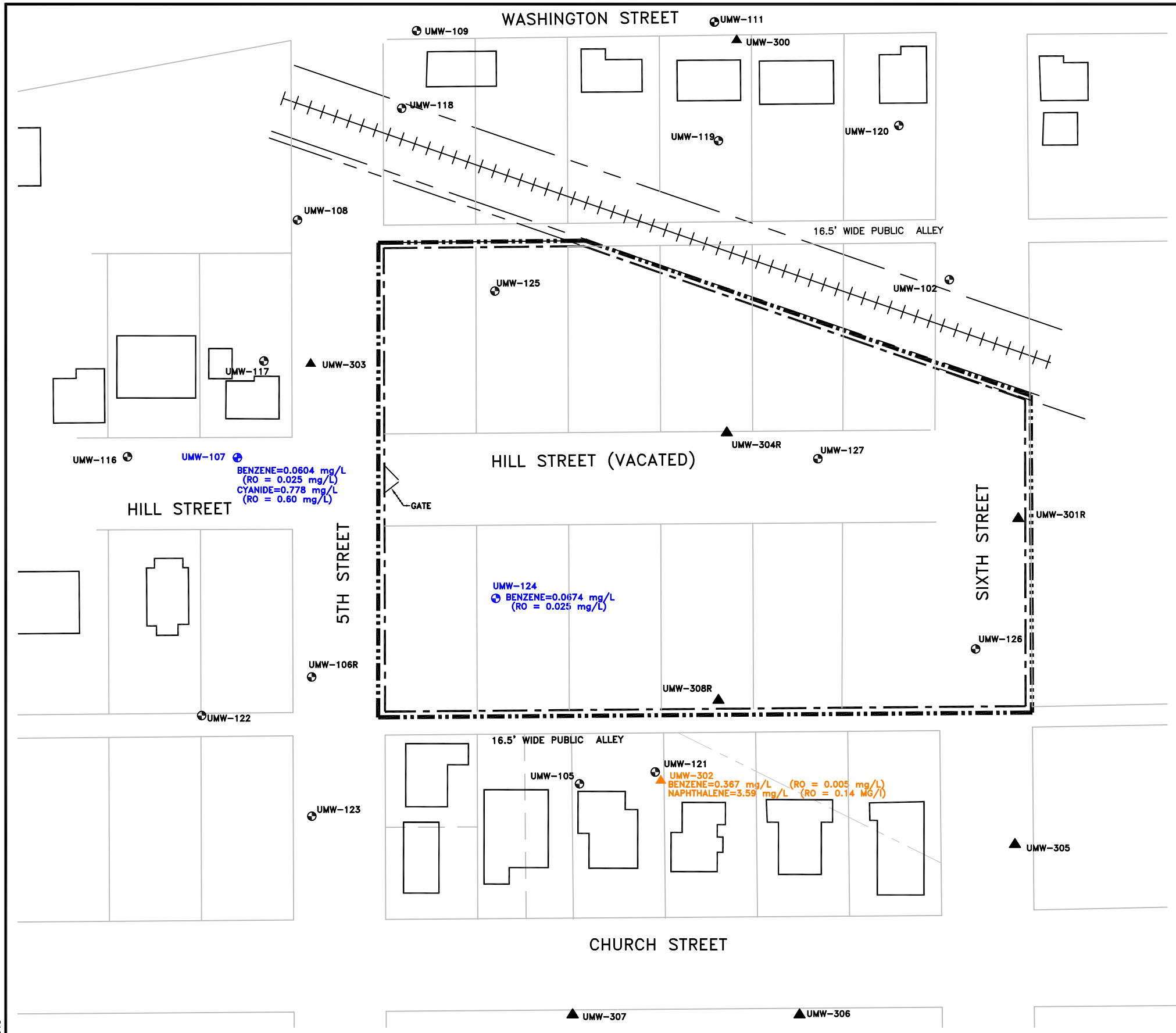
PSC

TITLE:
INTERMEDIATE ZONE GROUNDWATER LEVEL CONTOUR MAP
SEPTEMBER 24, 2012
CHAMPAIGN, ILLINOIS

DWN: TMM	DES:
CHKD:	APPD:
DATE: 8/20/12	REV:

PROJECT NO: 62412010008
AMEREN ILLINOIS
CHAMPAIGN, ILLINOIS

FIGURE 2



LEGEND

- EXISTING STRUCTURES (APPROXIMATE)
- CURRENT AMERENIP PROPERTY BOUNDARY
- REMEDIATION SITE BOUNDARY
- UMW-100 — SHALLOW GROUNDWATER MONITORING WELLS
- UMW-300 — INTERMEDIATE GROUNDWATER MONITORING WELLS
- UMW-102 — WELLS WITH AT LEAST ONE CLASS I EXCEEDANCE FOR BTEX, PAHs OR CYANIDE IN SEPTEMBER 2012. REMEDIAL OBJECTIVE (RO) IN IN PARENTHESIS.
- UMW-102 — WELLS WITH AT LEAST ONE CLASS II EXCEEDANCE FOR BTEX, PAHs OR CYANIDE IN SEPTEMBER 2012. CONCENTRATIONS LISTED WITH APPROPRIATE REMEDIAL OBJECTIVE (RO) IN PARENTHESIS.

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

CLASS I GROUNDWATER STANDARDS ARE:
BENZENE=0.005 mg/L and NAPHTHALENE=0.14 mg/L

CLASS II GROUNDWATER STANDARDS ARE:
CYANIDE=0.6 mg/L; BENZENE=0.025 mg/L

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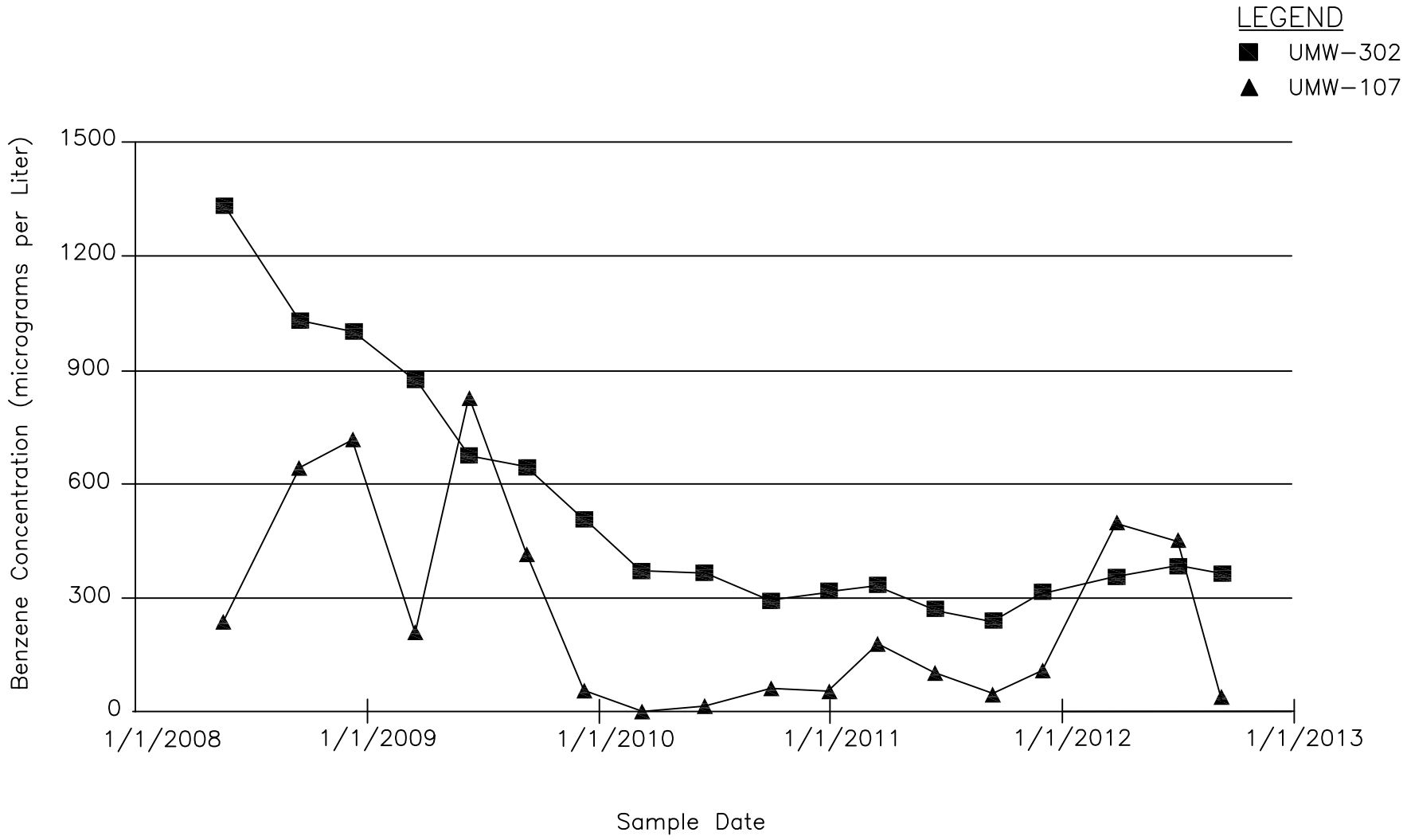
PSC

TITLE:
EXCEEDANCES OF CLASS I AND CLASS II GROUNDWATER STANDARDS
SEPTEMBER 2012 SAMPLING EVENT
CHAMPAIGN, ILLINOIS

DWN: TMM	DES: MRC
CHKD:	APPD:
DATE: 7/24/12	REV:

PROJECT NO: 62409080120
AMEREN ILLINOIS
CHAMPAIGN, ILLINOIS

FIGURE 3



PSC

TITLE:

BENZENE CONCENTRATION TRENDS IN OFF-SITE WELLS EXCEEDING GROUNDWATER STANDARDS THROUGH SEPTEMBER 2012

DWN:	DES.:
PTS	
CHKD:	APPD:
DATE:	REV.:
7/31/12	A

PROJECT NO.: 62409080120
AMEREN ILLINOIS
CHAMPAIGN, ILLINOIS

FIGURE 4

COL. S:\SHARED\MGP\IP\JOB FILES\CHAMPAIGN\62403053\15.0 REPORTS\QGR\FIGURE 2

ATTACHMENT 2

Groundwater Data from March 2011 through September 2012

CH MGP
Analysis Results by Parameter (column), Location (row), and Date (row)

Date Range: 03/01/2011 to 10/01/2012

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	03/15/2011		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/15/2011		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/13/2011		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	12/01/2011		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	03/27/2012		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/18/2012		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/24/2012		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
UMW-105	03/15/2011		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/14/2011		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/13/2011		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	11/30/2011		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	03/26/2012		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/19/2012		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/25/2012		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
UMW-106	09/25/2012		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
UMW-106R	03/15/2011		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/13/2011		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/12/2011		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	11/30/2011		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	03/27/2012		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/18/2012		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
UMW-107	03/15/2011		<0.100	0.200	0.160	178.000	<0.100	<0.100
	06/13/2011		<0.100	0.130	<0.100	103.000	<0.100	<0.100
	09/13/2011		<0.100	0.190	0.140	46.600	<0.100	<0.100
	11/30/2011		<0.100	0.230	0.130	107.000	<0.100	<0.100
	03/27/2012		<0.100	0.160	0.120	500.000	<0.100	<0.100
	06/20/2012		<0.100	0.170	0.150	459.000	<0.100	<0.100
	09/25/2012		<0.100	0.170	0.170	60.400	<0.100	<0.100
UMW-108	03/15/2011		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/14/2011		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/13/2011		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	12/01/2011		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	03/28/2012		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/19/2012		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/25/2012		0.100	<0.100	<0.100	<2.000	<0.100	<0.100
UMW-109	03/16/2011		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/15/2011		<0.100	<0.100	<0.100	<2.000	<0.100	<0.100

CH MGP
Analysis Results by Parameter (column), Location (row), and Date (row)

Date Range: 03/01/2011 to 10/01/2012

		Acenaphthene, ug/L	Acenaphthylene, ug/L	Anthracene, ug/L	Benzene, ug/L	Benzo(a)anthracene, ug/L	Benzo(a)pyrene, ug/L
UMW-109	09/14/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	12/01/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	03/27/2012	<0.100	<0.100	<0.100	0.600	<0.100	<0.100
	06/20/2012	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/26/2012	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
UMW-111A	03/16/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/14/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/14/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	11/30/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	03/28/2012	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/19/2012	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/25/2012	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
UMW-116	03/15/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/13/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/14/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	11/30/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	03/27/2012	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/19/2012	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/25/2012	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
UMW-117	03/16/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/14/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/13/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	11/30/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	03/26/2012	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/19/2012	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/25/2012	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
UMW-118	03/16/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/15/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/14/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	12/01/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	03/27/2012	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/20/2012	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/26/2012	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
UMW-119	03/16/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/14/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/13/2011	0.100	0.120	<0.100	<2.000	<0.100	<0.100
	11/30/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100

CH MGP
Analysis Results by Parameter (column), Location (row), and Date (row)

Date Range: 03/01/2011 to 10/01/2012

		Acenaphthene, ug/L	Acenaphthylene, ug/L	Anthracene, ug/L	Benzene, ug/L	Benzo(a)anthracene, ug/L	Benzo(a)pyrene, ug/L
UMW-119	03/27/2012	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/20/2012	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/24/2012	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
UMW-120	03/16/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/14/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/13/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	12/01/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	03/27/2012	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/18/2012	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/24/2012	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
UMW-121	03/15/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/14/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/13/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	11/30/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	03/26/2012	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/19/2012	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/25/2012	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
UMW-122	06/16/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/13/2011				<2.000		
UMW-123	03/14/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/15/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/12/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	11/29/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	03/26/2012	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/19/2012	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/26/2012	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
UMW-124	09/26/2012	0.240	0.090	<0.100	67.400	<0.100	<0.100
UMW-125	09/26/2012	0.110	<0.100	<0.100	20.600	<0.100	<0.100
UMW-126	09/26/2012	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
UMW-127	09/26/2012	0.410	9.050	0.160	6.500	<0.100	<0.100
UMW-300	03/17/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/16/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/15/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	12/01/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	03/29/2012	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/20/2012	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/25/2012	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100

CH MGP
Analysis Results by Parameter (column), Location (row), and Date (row)

Date Range: 03/01/2011 to 10/01/2012

		Acenaphthene, ug/L	Acenaphthylene, ug/L	Anthracene, ug/L	Benzene, ug/L	Benzo(a)anthracene, ug/L	Benzo(a)pyrene, ug/L
UMW-301R	09/26/2012	3.340	4.390	<0.100	<2.000	<0.100	<0.100
UMW-302	03/15/2011	0.130	<0.100	<0.100	331.000	<0.100	<0.100
	06/14/2011	<0.100	0.340	<0.100	266.000	<0.100	<0.100
	09/13/2011	<0.100	0.370	<0.100	237.000	<0.100	<0.100
	11/30/2011	0.120	0.420	<0.100	313.000	<0.100	<0.100
	03/26/2012	<0.100	0.300	<0.100	354.000	<0.100	<0.100
	06/19/2012	0.170	0.540	<0.100	377.000	<0.100	<0.100
	09/25/2012	<0.100	0.280	<0.100	367.000	<0.100	<0.100
UMW-303	03/14/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/14/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/12/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	11/30/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	03/28/2012	1.030	1.010	1.130	<2.000	1.440	<1.000
	04/09/2012	<0.100	<0.100	<0.100		<0.100	<0.100
	06/20/2012	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/24/2012	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
UMW-304R	09/26/2012	0.680	1.970	<0.100	1.200	<0.100	<0.100
UMW-305	03/14/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/13/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/12/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	11/29/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	03/28/2012	<0.500	<0.500	<0.500	<2.000	<0.500	<0.500
	06/18/2012	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/24/2012	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
UMW-306	03/14/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/13/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/12/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	11/29/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	03/28/2012	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/18/2012	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	09/24/2012	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
UMW-307	03/14/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/13/2011	<0.100	<0.100	<0.100	0.600	<0.100	<0.100
	09/12/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	11/30/2011	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	03/28/2012	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
	06/19/2012	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100

CH MGP
Analysis Results by Parameter (column), Location (row), and Date (row)

Date Range: 03/01/2011 to 10/01/2012

		Acenaphthene, ug/L	Acenaphthylene, ug/L	Anthracene, ug/L	Benzene, ug/L	Benzo(a)anthracene, ug/L	Benzo(a)pyrene, ug/L
UMW-307	09/24/2012	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100
UMW-308	09/26/2012	<0.100	<0.100	<0.100	<2.000	<0.100	<0.100

CH MGP
Analysis Results by Parameter (column), Location (row), and Date (row)

Date Range: 03/01/2011 to 10/01/2012

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	03/15/2011		<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	06/15/2011		<0.100	<0.100	<0.100	<0.100	<0.008	<0.100
	09/13/2011		<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	12/01/2011		<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	03/27/2012		<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	06/18/2012		<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	09/24/2012		<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
UMW-105	03/15/2011		<0.100	<0.100	<0.100	<0.100	0.091	<0.100
	06/14/2011		<0.100	<0.100	<0.100	<0.100	0.091	<0.100
	09/13/2011		<0.100	<0.100	<0.100	<0.100	0.100	<0.100
	11/30/2011		<0.100	<0.100	<0.100	<0.100	0.120	<0.100
	03/26/2012		<0.100	<0.100	<0.100	<0.100	0.088	<0.100
	06/19/2012		<0.100	<0.100	<0.100	<0.100	0.102	<0.100
	09/25/2012		<0.100	<0.100	<0.100	<0.100	0.066	<0.100
UMW-106	09/25/2012		<0.100	<0.100	<0.100	<0.100	0.018	<0.100
UMW-106R	03/15/2011		<0.100	<0.100	<0.100	<0.100	0.020	<0.100
	06/13/2011		<0.100	<0.100	<0.100	<0.100	0.024	<0.100
	09/12/2011		<0.100	<0.100	<0.100	<0.100	0.025	<0.100
	11/30/2011		<0.100	<0.100	<0.100	<0.100	0.042	<0.100
	03/27/2012		<0.100	<0.100	<0.100	<0.100	0.040	<0.100
	06/18/2012		<0.100	<0.100	<0.100	<0.100	0.045	<0.100
UMW-107	03/15/2011		<0.100	<0.100	<0.100	<0.100	0.798	<0.100
	06/13/2011		<0.100	<0.100	<0.100	<0.100	0.475	<0.100
	09/13/2011		<0.100	<0.100	<0.100	<0.100	0.737	<0.100
	11/30/2011		<0.100	<0.100	<0.100	<0.100	0.784	<0.100
	03/27/2012		<0.100	<0.100	<0.100	<0.100	0.887	<0.100
	06/20/2012		<0.100	<0.100	<0.100	<0.100	0.895	<0.100
	09/25/2012		<0.100	<0.100	<0.100	<0.100	0.778	<0.100
UMW-108	03/15/2011		<0.100	<0.100	<0.100	<0.100	0.038	<0.100
	06/14/2011		<0.100	<0.100	<0.100	<0.100	0.031	<0.100
	09/13/2011		<0.100	<0.100	<0.100	<0.100	0.034	<0.100
	12/01/2011		<0.100	<0.100	<0.100	<0.100	0.039	<0.100
	03/28/2012		<0.100	<0.100	<0.100	<0.100	0.031	<0.100
	06/19/2012		<0.100	<0.100	<0.100	<0.100	0.031	<0.100
	09/25/2012		<0.100	<0.100	<0.100	<0.100	0.034	<0.100
UMW-109	03/16/2011		<0.100	<0.100	<0.100	<0.100	0.006	<0.100
	06/15/2011		<0.100	<0.100	<0.100	<0.100	0.006	<0.100

CH MGP
Analysis Results by Parameter (column), Location (row), and Date (row)

Date Range: 03/01/2011 to 10/01/2012

		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-109	09/14/2011	<0.100	<0.100	<0.100	<0.100	0.007	<0.100
	12/01/2011	<0.100	<0.100	<0.100	<0.100	0.013	<0.100
	03/27/2012	<0.100	<0.100	<0.100	<0.100	0.010	<0.100
	06/20/2012	<0.100	<0.100	<0.100	<0.100	0.010	<0.100
	09/26/2012	<0.100	<0.100	<0.100	<0.100	0.015	<0.100
UMW-111A	03/16/2011	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	06/14/2011	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	09/14/2011	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	11/30/2011	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	03/28/2012	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	06/19/2012	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	09/25/2012	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
UMW-116	03/15/2011	<0.100	<0.100	<0.100	<0.100	<0.008	<0.100
	06/13/2011	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	09/14/2011	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	11/30/2011	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	03/27/2012	<0.100	<0.100	<0.100	<0.100	<0.008	<0.100
	06/19/2012	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	09/25/2012	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
UMW-117	03/16/2011	<0.100	<0.100	<0.100	<0.100	<0.008	<0.100
	06/14/2011	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	09/13/2011	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	11/30/2011	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	03/26/2012	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	06/19/2012	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	09/25/2012	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
UMW-118	03/16/2011	<0.100	<0.100	<0.100	<0.100	0.044	<0.100
	06/15/2011	<0.100	<0.100	<0.100	<0.100	0.038	<0.100
	09/14/2011	<0.100	<0.100	<0.100	<0.100	0.045	<0.100
	12/01/2011	<0.100	<0.100	<0.100	<0.100	0.041	<0.100
	03/27/2012	<0.100	<0.100	<0.100	<0.100	0.046	<0.100
	06/20/2012	<0.100	<0.100	<0.100	<0.100	0.027	<0.100
	09/26/2012	<0.100	<0.100	<0.100	<0.100	0.055	<0.100
UMW-119	03/16/2011	<0.100	<0.100	<0.100	<0.100	<0.008	<0.100
	06/14/2011	<0.100	<0.100	<0.100	<0.100	0.026	<0.100
	09/13/2011	<0.100	<0.100	<0.100	<0.100	0.026	<0.100
	11/30/2011	<0.100	<0.100	<0.100	<0.100	0.018	<0.100

CH MGP
Analysis Results by Parameter (column), Location (row), and Date (row)

Date Range: 03/01/2011 to 10/01/2012

		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-119	03/27/2012	<0.100	<0.100	<0.100	<0.100	0.024	<0.100
	06/20/2012	<0.100	<0.100	<0.100	<0.100	0.029	<0.100
	09/24/2012	<0.100	<0.100	<0.100	<0.100	0.029	<0.100
UMW-120	03/16/2011	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	06/14/2011	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	09/13/2011	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	12/01/2011	<0.100	<0.100	<0.100	<0.100	0.004	<0.100
	03/27/2012	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	06/18/2012	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	09/24/2012	<0.100	<0.100	<0.100	<0.100	0.029	<0.100
UMW-121	03/15/2011	<0.100	<0.100	<0.100	<0.100	0.191	<0.100
	06/14/2011	<0.100	<0.100	<0.100	<0.100	0.130	<0.100
	09/13/2011	<0.100	<0.100	<0.100	<0.100	0.267	<0.100
	11/30/2011	<0.100	<0.100	<0.100	<0.100	0.151	<0.100
	03/26/2012	<0.100	<0.100	<0.100	<0.100	0.179	<0.100
	06/19/2012	<0.100	<0.100	<0.100	<0.100	0.188	<0.100
	09/25/2012	<0.100	<0.100	<0.100	<0.100	0.145	<0.100
UMW-122	06/16/2011	<0.100	<0.100	<0.100	<0.100	0.150	<0.100
UMW-123	03/14/2011	<0.100	<0.100	<0.100	<0.100	<0.008	<0.100
	06/15/2011	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	09/12/2011	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	11/29/2011	<0.100	<0.100	<0.100	<0.100	0.033	<0.100
	03/26/2012	<0.100	<0.100	<0.100	<0.100	0.006	<0.100
	06/19/2012	<0.100	<0.100	<0.100	<0.100	<0.008	<0.100
	09/26/2012	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
UMW-124	09/26/2012	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
UMW-125	09/26/2012	<0.100	<0.100	<0.100	<0.100	0.010	<0.100
UMW-126	09/26/2012	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
UMW-127	09/26/2012	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
UMW-300	03/17/2011	<0.100	<0.100	<0.100	<0.100	<0.009	<0.100
	06/16/2011	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	09/15/2011	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	12/01/2011	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	03/29/2012	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	06/20/2012	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	09/25/2012	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
UMW-301R	09/26/2012	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100

CH MGP
Analysis Results by Parameter (column), Location (row), and Date (row)

Date Range: 03/01/2011 to 10/01/2012

		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-302	03/15/2011	<0.100	<0.100	<0.100	<0.100	0.114	<0.100
	06/14/2011	<0.100	<0.100	<0.100	<0.100	0.127	<0.100
	09/13/2011	<0.100	<0.100	<0.100	<0.100	0.151	<0.100
	11/30/2011	<0.100	<0.100	<0.100	<0.100	0.147	<0.100
	03/26/2012	<0.100	<0.100	<0.100	<0.100	0.099	<0.100
	06/19/2012	<0.100	<0.100	<0.100	<0.100	0.073	<0.100
	09/25/2012	<0.100	<0.100	<0.100	<0.100	0.090	<0.100
UMW-303	03/14/2011	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	06/14/2011	<0.100	<0.100	<0.100	<0.100	<0.008	<0.100
	09/12/2011	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	11/30/2011	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	03/28/2012	<1.000	<1.000	<1.000	1.090	<0.007	<1.000
	04/09/2012	<0.100	<0.100	<0.100	<0.100		<0.100
	06/20/2012	<0.100	<0.100	<0.100	<0.100	<0.007	<0.100
	09/24/2012	<0.100	<0.100	<0.100	<0.100	0.013	<0.100
UMW-304R	09/26/2012	<0.100	<0.100	<0.100	<0.100	0.008	<0.100
UMW-305	03/14/2011	<0.100	<0.100	<0.100	<0.100	0.008	<0.100
	06/13/2011	<0.100	<0.100	<0.100	<0.100	0.006	<0.100
	09/12/2011	<0.100	<0.100	<0.100	<0.100	0.008	<0.100
	11/29/2011	<0.100	<0.100	<0.100	<0.100	0.008	<0.100
	03/28/2012	<0.500	<0.500	<0.500	<0.500	0.012	<0.500
	06/18/2012	<0.100	<0.100	<0.100	<0.100	0.008	<0.100
	09/24/2012	<0.100	<0.100	<0.100	<0.100	0.012	<0.100
UMW-306	03/14/2011	<0.100	<0.100	<0.100	<0.100	0.021	<0.100
	06/13/2011	<0.100	<0.100	<0.100	<0.100	0.022	<0.100
	09/12/2011	<0.100	<0.100	<0.100	<0.100	0.024	<0.100
	11/29/2011	<0.100	<0.100	<0.100	<0.100	0.023	<0.100
	03/28/2012	<0.100	<0.100	<0.100	<0.100	0.018	<0.100
	06/18/2012	<0.100	<0.100	<0.100	<0.100	0.015	<0.100
	09/24/2012	<0.100	<0.100	<0.100	<0.100	0.038	<0.100
UMW-307	03/14/2011	<0.100	<0.100	<0.100	<0.100	0.009	<0.100
	06/13/2011	<0.100	<0.100	<0.100	<0.100	0.008	<0.100
	09/12/2011	<0.100	<0.100	<0.100	<0.100	0.009	<0.100
	11/30/2011	<0.100	<0.100	<0.100	<0.100	0.008	<0.100
	03/28/2012	<0.100	<0.100	<0.100	<0.100	0.017	<0.100
	06/19/2012	<0.100	<0.100	<0.100	<0.100	0.018	<0.100
	09/24/2012	<0.100	<0.100	<0.100	<0.100	0.036	<0.100

CH MGP
Analysis Results by Parameter (column), Location (row), and Date (row)

Date Range: 03/01/2011 to 10/01/2012

		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-308	09/26/2012	<0.100	<0.100	<0.100	<0.100	0.008	<0.100

CH MGP
Analysis Results by Parameter (column), Location (row), and Date (row)

Date Range: 03/01/2011 to 10/01/2012

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	03/15/2011		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	06/15/2011		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	09/13/2011		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	12/01/2011		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	03/27/2012		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	06/18/2012		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	09/24/2012		<5.000	<0.100	<0.100	<0.100	0.400	<0.100
UMW-105	03/15/2011		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	06/14/2011		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	09/13/2011		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	11/30/2011		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	03/26/2012		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	06/19/2012		<5.000	<0.100	<0.100	<0.100	0.380	<0.100
	09/25/2012		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
UMW-106	09/25/2012		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
UMW-106R	03/15/2011		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	06/13/2011		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	09/12/2011		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	11/30/2011		<5.000	<0.100	<0.100	<0.100	0.330	<0.100
	03/27/2012		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	06/18/2012		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
UMW-107	03/15/2011		1.300	<0.100	<0.100	<0.100	1.050	<0.100
	06/13/2011		<5.000	<0.100	<0.100	<0.100	0.160	<0.100
	09/13/2011		<5.000	<0.100	<0.100	<0.100	0.430	<0.100
	11/30/2011		1.100	<0.100	<0.100	<0.100	0.370	<0.100
	03/27/2012		5.300	<0.100	<0.100	<0.100	9.000	<0.100
	06/20/2012		<50.000	<0.100	<0.100	<0.100	18.100	<0.100
	09/25/2012		<50.000	<0.100	<0.100	<0.100	7.740	<0.100
UMW-108	03/15/2011		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	06/14/2011		<5.000	<0.100	<0.100	<0.100	0.270	<0.100
	09/13/2011		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	12/01/2011		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	03/28/2012		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	06/19/2012		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	09/25/2012		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
UMW-109	03/16/2011		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	06/15/2011		<5.000	<0.100	<0.100	<0.100	<0.100	<0.100

CH MGP
Analysis Results by Parameter (column), Location (row), and Date (row)

Date Range: 03/01/2011 to 10/01/2012

		Ethylbenzene, ug/L	Fluoranthene, ug/L	Fluorene, ug/L	Indeno(1,2,3-cd) pyrene, ug/L	Naphthalene, ug/L	Phenanthrene, ug/L
UMW-109	09/14/2011	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	12/01/2011	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	03/27/2012	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	06/20/2012	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	09/26/2012	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
UMW-111A	03/16/2011	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	06/14/2011	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	09/14/2011	<5.000	<0.100	<0.100	<0.100	<0.100	0.110
	11/30/2011	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	03/28/2012	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	06/19/2012	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	09/25/2012	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
UMW-116	03/15/2011	<5.000	<0.100	<0.100	<0.100	0.950	<0.100
	06/13/2011	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	09/14/2011	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	11/30/2011	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	03/27/2012	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	06/19/2012	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	09/25/2012	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
UMW-117	03/16/2011	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	06/14/2011	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	09/13/2011	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	11/30/2011	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	03/26/2012	<5.000	<0.100	<0.100	<0.100	0.160	<0.100
	06/19/2012	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	09/25/2012	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
UMW-118	03/16/2011	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	06/15/2011	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	09/14/2011	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	12/01/2011	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	03/27/2012	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	06/20/2012	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	09/26/2012	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
UMW-119	03/16/2011	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	06/14/2011	<5.000	<0.100	<0.100	<0.100	0.390	<0.100
	09/13/2011	<5.000	<0.100	<0.100	<0.100	0.130	0.110
	11/30/2011	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100

CH MGP
Analysis Results by Parameter (column), Location (row), and Date (row)

Date Range: 03/01/2011 to 10/01/2012

		Ethylbenzene, ug/L	Fluoranthene, ug/L	Fluorene, ug/L	Indeno(1,2,3-cd) pyrene, ug/L	Naphthalene, ug/L	Phenanthrene, ug/L
UMW-119	03/27/2012	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	06/20/2012	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	09/24/2012	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
UMW-120	03/16/2011	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	06/14/2011	<5.000	<0.100	<0.100	<0.100	0.120	<0.100
	09/13/2011	<5.000	<0.100	<0.100	<0.100	<0.100	0.110
	12/01/2011	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	03/27/2012	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	06/18/2012	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	09/24/2012	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
UMW-121	03/15/2011	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	06/14/2011	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	09/13/2011	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	11/30/2011	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	03/26/2012	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	06/19/2012	<5.000	<0.100	<0.100	<0.100	0.370	<0.100
	09/25/2012	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
UMW-122	06/16/2011	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	09/13/2011	<5.000					
UMW-123	03/14/2011	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	06/15/2011	<5.000	<0.100	<0.100	<0.100	0.100	<0.100
	09/12/2011	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	11/29/2011	1.200	<0.100	<0.100	<0.100	<0.100	<0.100
	03/26/2012	<5.000	<0.100	<0.100	<0.100	0.200	<0.100
	06/19/2012	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	09/26/2012	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
UMW-124	09/26/2012	3.700	<0.100	0.140	<0.100	12.100	0.190
UMW-125	09/26/2012	<5.000	<0.100	<0.100	<0.100	1.950	0.150
UMW-126	09/26/2012	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
UMW-127	09/26/2012	<5.000	<0.100	0.310	<0.100	4.990	0.400
UMW-300	03/17/2011	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	06/16/2011	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	09/15/2011	<5.000	<0.100	<0.100	<0.100	0.770	<0.100
	12/01/2011	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	03/29/2012	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	06/20/2012	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	09/25/2012	<5.000	<0.100	<0.100	<0.100	0.210	<0.100

CH MGP
Analysis Results by Parameter (column), Location (row), and Date (row)

Date Range: 03/01/2011 to 10/01/2012

		Ethylbenzene, ug/L	Fluoranthene, ug/L	Fluorene, ug/L	Indeno(1,2,3-cd) pyrene, ug/L	Naphthalene, ug/L	Phenanthrene, ug/L
UMW-301R	09/26/2012	<5.000	<0.100	0.170	<0.100	0.610	<0.100
UMW-302	03/15/2011	549.000	<0.100	<0.100	<0.100	3,210.000	<0.100
	06/14/2011	551.000	<0.100	<0.100	<0.100	1,630.000	<0.100
	09/13/2011	391.000	<0.100	<0.100	<0.100	1,810.000	<0.100
	11/30/2011	494.000	<0.100	<0.100	<0.100	2,820.000	<0.100
	03/26/2012	494.000	<0.100	0.100	<0.100	2,460.000	<0.100
	06/19/2012	648.000	<0.100	<0.100	<0.100	3,840.000	<0.100
	09/25/2012	569.000	<0.100	0.100	<0.100	3,590.000	<0.100
UMW-303	03/14/2011	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	06/14/2011	<5.000	<0.100	<0.100	<0.100	0.160	<0.100
	09/12/2011	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	11/30/2011	<5.000	<0.100	<0.100	<0.100	0.090	<0.100
	03/28/2012	<5.000	1.140	1.090	<1.000	1.340	1.390
	04/09/2012		<0.100	<0.100	<0.100	<0.100	<0.100
	06/20/2012	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	09/24/2012	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
UMW-304R	09/26/2012	<5.000	0.110	0.280	<0.100	8.580	0.520
UMW-305	03/14/2011	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	06/13/2011	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	09/12/2011	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	11/29/2011	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	03/28/2012	<5.000	<0.500	<0.500	<0.500	1.640	<0.500
	06/18/2012	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	09/24/2012	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
UMW-306	03/14/2011	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	06/13/2011	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	09/12/2011	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	11/29/2011	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	03/28/2012	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	06/18/2012	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	09/24/2012	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
UMW-307	03/14/2011	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	06/13/2011	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	09/12/2011	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	11/30/2011	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	03/28/2012	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
	06/19/2012	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100

CH MGP
Analysis Results by Parameter (column), Location (row), and Date (row)

Date Range: 03/01/2011 to 10/01/2012

		Ethylbenzene, ug/L	Fluoranthene, ug/L	Fluorene, ug/L	Indeno(1,2,3-cd) pyrene, ug/L	Naphthalene, ug/L	Phenanthrene, ug/L
UMW-307	09/24/2012	<5.000	<0.100	<0.100	<0.100	<0.100	<0.100
UMW-308	09/26/2012	1.300	<0.100	<0.100	<0.100	8.540	<0.100

CH MGP
Analysis Results by Parameter (column), Location (row), and Date (row)

Date Range: 03/01/2011 to 10/01/2012

Well Id	Date Sampled	Lab Id	Pyrene, ug/L	Toluene, ug/L	Xylene, total, ug/L
UMW-102	03/15/2011		<0.100	<5.000	<5.000
	06/15/2011		<0.100	<5.000	<5.000
	09/13/2011		<0.100	<5.000	<5.000
	12/01/2011		<0.100	<5.000	<5.000
	03/27/2012		<0.100	<5.000	<5.000
	06/18/2012		<0.100	<5.000	<5.000
	09/24/2012		<0.100	<5.000	<5.000
UMW-105	03/15/2011		<0.100	<5.000	<5.000
	06/14/2011		<0.100	<5.000	<5.000
	09/13/2011		<0.100	<5.000	<5.000
	11/30/2011		<0.100	<5.000	<5.000
	03/26/2012		<0.100	<5.000	<5.000
	06/19/2012		<0.100	<5.000	<5.000
	09/25/2012		<0.100	<5.000	<5.000
UMW-106	09/25/2012		<0.100	<5.000	<5.000
UMW-106R	03/15/2011		<0.100	<5.000	<5.000
	06/13/2011		<0.100	<5.000	<5.000
	09/12/2011		<0.100	<5.000	<5.000
	11/30/2011		<0.100	<5.000	<5.000
	03/27/2012		<0.100	<5.000	<5.000
	06/18/2012		<0.100	<5.000	<5.000
UMW-107	03/15/2011		<0.100	<5.000	3.100
	06/13/2011		<0.100	<5.000	1.300
	09/13/2011		<0.100	<5.000	<5.000
	11/30/2011		<0.100	<5.000	1.200
	03/27/2012		<0.100	2.000	7.900
	06/20/2012		<0.100	<50.000	10.000
	09/25/2012		<0.100	<50.000	<50.000
UMW-108	03/15/2011		<0.100	<5.000	<5.000
	06/14/2011		<0.100	<5.000	<5.000
	09/13/2011		<0.100	<5.000	<5.000
	12/01/2011		<0.100	<5.000	<5.000
	03/28/2012		<0.100	<5.000	<5.000
	06/19/2012		<0.100	<5.000	<5.000
	09/25/2012		<0.100	<5.000	<5.000
UMW-109	03/16/2011		<0.100	<5.000	<5.000
	06/15/2011		<0.100	<5.000	<5.000

CH MGP
Analysis Results by Parameter (column), Location (row), and Date (row)

Date Range: 03/01/2011 to 10/01/2012

		Pyrene, ug/L	Toluene, ug/L	Xylene, total, ug/L
UMW-109	09/14/2011	<0.100	<5.000	<5.000
	12/01/2011	<0.100	<5.000	<5.000
	03/27/2012	<0.100	<5.000	<5.000
	06/20/2012	<0.100	<5.000	<5.000
	09/26/2012	<0.100	<5.000	<5.000
UMW-111A	03/16/2011	<0.100	<5.000	<5.000
	06/14/2011	<0.100	<5.000	<5.000
	09/14/2011	<0.100	<5.000	<5.000
	11/30/2011	<0.100	<5.000	<5.000
	03/28/2012	<0.100	<5.000	<5.000
	06/19/2012	<0.100	<5.000	<5.000
	09/25/2012	<0.100	<5.000	<5.000
UMW-116	03/15/2011	<0.100	<5.000	<5.000
	06/13/2011	<0.100	<5.000	<5.000
	09/14/2011	<0.100	<5.000	<5.000
	11/30/2011	<0.100	<5.000	<5.000
	03/27/2012	<0.100	<5.000	<5.000
	06/19/2012	<0.100	<5.000	<5.000
	09/25/2012	<0.100	<5.000	<5.000
UMW-117	03/16/2011	<0.100	<5.000	<5.000
	06/14/2011	<0.100	<5.000	<5.000
	09/13/2011	<0.100	<5.000	<5.000
	11/30/2011	<0.100	<5.000	<5.000
	03/26/2012	<0.100	<5.000	<5.000
	06/19/2012	<0.100	<5.000	<5.000
	09/25/2012	<0.100	<5.000	<5.000
UMW-118	03/16/2011	<0.100	<5.000	<5.000
	06/15/2011	<0.100	<5.000	<5.000
	09/14/2011	<0.100	<5.000	<5.000
	12/01/2011	<0.100	<5.000	<5.000
	03/27/2012	<0.100	<5.000	<5.000
	06/20/2012	<0.100	<5.000	<5.000
	09/26/2012	<0.100	<5.000	<5.000
UMW-119	03/16/2011	<0.100	<5.000	<5.000
	06/14/2011	<0.100	<5.000	<5.000
	09/13/2011	<0.100	<5.000	<5.000
	11/30/2011	<0.100	<5.000	<5.000

CH MGP
Analysis Results by Parameter (column), Location (row), and Date (row)

Date Range: 03/01/2011 to 10/01/2012

		Pyrene, ug/L	Toluene, ug/L	Xylene, total, ug/L
UMW-119	03/27/2012	<0.100	<5.000	<5.000
	06/20/2012	<0.100	<5.000	<5.000
	09/24/2012	<0.100	<5.000	<5.000
UMW-120	03/16/2011	<0.100	<5.000	<5.000
	06/14/2011	<0.100	<5.000	<5.000
	09/13/2011	<0.100	<5.000	<5.000
	12/01/2011	<0.100	<5.000	<5.000
	03/27/2012	<0.100	<5.000	<5.000
	06/18/2012	<0.100	<5.000	<5.000
	09/24/2012	<0.100	<5.000	<5.000
UMW-121	03/15/2011	<0.100	<5.000	<5.000
	06/14/2011	<0.100	<5.000	<5.000
	09/13/2011	<0.100	<5.000	<5.000
	11/30/2011	<0.100	<5.000	<5.000
	03/26/2012	<0.100	<5.000	<5.000
	06/19/2012	<0.100	<5.000	<5.000
	09/25/2012	<0.100	<5.000	<5.000
UMW-122	06/16/2011	<0.100	<5.000	<5.000
	09/13/2011		<5.000	<5.000
UMW-123	03/14/2011	<0.100	<5.000	<5.000
	06/15/2011	<0.100	<5.000	<5.000
	09/12/2011	<0.100	<5.000	<5.000
	11/29/2011	<0.100	<5.000	<5.000
	03/26/2012	<0.100	<5.000	<5.000
	06/19/2012	<0.100	<5.000	<5.000
	09/26/2012	<0.100	<5.000	<5.000
UMW-124	09/26/2012	<0.100	23.300	9.800
UMW-125	09/26/2012	<0.100	1.200	<5.000
UMW-126	09/26/2012	<0.100	<5.000	<5.000
UMW-127	09/26/2012	<0.100	<5.000	<5.000
UMW-300	03/17/2011	<0.100	<5.000	<5.000
	06/16/2011	<0.100	<5.000	<5.000
	09/15/2011	<0.100	<5.000	<5.000
	12/01/2011	<0.100	<5.000	<5.000
	03/29/2012	<0.100	<5.000	<5.000
	06/20/2012	<0.100	<5.000	<5.000
	09/25/2012	<0.100	<5.000	<5.000

CH MGP
Analysis Results by Parameter (column), Location (row), and Date (row)

Date Range: 03/01/2011 to 10/01/2012

		Pyrene, ug/L	Toluene, ug/L	Xylene, total, ug/L
UMW-301R	09/26/2012	<0.100	<5.000	1.500
UMW-302	03/15/2011	<0.100	<50.000	230.000
	06/14/2011	<0.100	<50.000	215.000
	09/13/2011	<0.100	<50.000	171.000
	11/30/2011	<0.100	<50.000	202.000
	03/26/2012	<0.100	<50.000	216.000
	06/19/2012	<0.100	<50.000	242.000
	09/25/2012	<0.100	<50.000	220.000
UMW-303	03/14/2011	<0.100	<5.000	<5.000
	06/14/2011	<0.100	<5.000	<5.000
	09/12/2011	<0.100	<5.000	<5.000
	11/30/2011	<0.100	<5.000	<5.000
	03/28/2012	1.140	<5.000	<5.000
	04/09/2012	<0.100		
	06/20/2012	<0.100	<5.000	<5.000
	09/24/2012	<0.100	<5.000	<5.000
UMW-304R	09/26/2012	0.150	2.400	3.300
UMW-305	03/14/2011	<0.100	<5.000	<5.000
	06/13/2011	<0.100	<5.000	<5.000
	09/12/2011	<0.100	<5.000	<5.000
	11/29/2011	<0.100	<5.000	<5.000
	03/28/2012	<0.500	<5.000	<5.000
	06/18/2012	<0.100	<5.000	<5.000
	09/24/2012	<0.100	<5.000	<5.000
UMW-306	03/14/2011	<0.100	<5.000	<5.000
	06/13/2011	<0.100	<5.000	<5.000
	09/12/2011	<0.100	<5.000	<5.000
	11/29/2011	<0.100	<5.000	<5.000
	03/28/2012	<0.100	<5.000	<5.000
	06/18/2012	<0.100	<5.000	<5.000
	09/24/2012	<0.100	<5.000	<5.000
UMW-307	03/14/2011	<0.100	<5.000	<5.000
	06/13/2011	<0.100	<5.000	<5.000
	09/12/2011	<0.100	<5.000	<5.000
	11/30/2011	<0.100	<5.000	<5.000
	03/28/2012	<0.100	<5.000	<5.000
	06/19/2012	<0.100	<5.000	<5.000

CH MGP
Analysis Results by Parameter (column), Location (row), and Date (row)

Date Range: 03/01/2011 to 10/01/2012

		Pyrene, ug/L	Toluene, ug/L	Xylene, total, ug/L
UMW-307	09/24/2012	<0.100	<5.000	<5.000
UMW-308	09/26/2012	<0.100	<5.000	<5.000

ATTACHMENT 3

Laboratory Analytical Reports and
Chain-of-Custodies

Table 2 – Groundwater Analytical Data

October 03, 2012

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

WorkOrder: 12091310

Dear Leslie Hoosier:

TEKLAB, INC received 30 samples on 9/27/2012 1:00:00 PM for the analysis presented in the following report.

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

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

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

Sincerely,

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

Report Contents

Client: PSC Industrial Outsourcing, LP
Work Order: 12091310
Client Project: Ameren Champaign MGP
Report Date: 03-Oct-12

This reporting package includes the following:

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

Abbr Definition

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

Client: PSC Industrial Outsourcing, LP

Work Order: 12091310

Client Project: Ameren Champaign MGP

Report Date: 03-Oct-12

Cooler Receipt Temp: 3.2 °C

Locations and Accreditations

Collinsville

Address 5445 Horseshoe Lake Road
Collinsville, IL 62234-7425
Phone (618) 344-1004
Fax (618) 344-1005
Email jhriley@teklabinc.com

Springfield

Address 3920 Pintail Dr
Springfield, IL 62711-9415
Phone (217) 698-1004
Fax (217) 698-1005
Email kmcclain@teklabinc.com

Kansas City

Address 8421 Nieman Road
Lenexa, KS 66214
Phone (913) 541-1998
Fax (913) 541-1998
Email dthompson@teklabinc.com

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2013	Collinsville
Kansas	KDHE	E-10374	NELAP	1/31/2013	Collinsville
Louisiana	LDEQ	166493	NELAP	6/30/2013	Collinsville
Louisiana	LDEQ	166578	NELAP	6/30/2013	Springfield
Texas	TCEQ	T104704515-12-1	NELAP	7/31/2013	Collinsville
Arkansas	ADEQ	88-0966		3/14/2013	Collinsville
Illinois	IDPH	17584		4/30/2013	Collinsville
Kentucky	UST	0073		5/26/2013	Collinsville
Missouri	MDNR	00930		4/13/2013	Collinsville
Oklahoma	ODEQ	9978		8/31/2013	Collinsville

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

Lab ID: 12091310-001 **Client Sample ID:** UMW-305

Matrix: AQUEOUS **Collection Date:** 09/24/2012 14:05

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.007		**0.012**	mg/L	1	09/28/2012 12:20	81998
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
2-Methylnaphthalene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 12:03	81985
Acenaphthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 12:03	81985
Acenaphthylene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 12:03	81985
Anthracene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 12:03	81985
Benzo(a)anthracene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 12:03	81985
Benzo(a)pyrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 12:03	81985
Benzo(b)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 12:03	81985
Benzo(g,h,i)perylene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 12:03	81985
Benzo(k)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 12:03	81985
Chrysene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 12:03	81985
Dibenzo(a,h)anthracene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 12:03	81985
Fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 12:03	81985
Fluorene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 12:03	81985
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 12:03	81985
Naphthalene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 12:03	81985
Phenanthrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 12:03	81985
Pyrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 12:03	81985
Total PNAs except Naphthalene		0.00013		**ND**	mg/L	1	09/28/2012 12:03	81985
Surr: 2-Fluorobiphenyl		34.3-105		**75.2**	%REC	1	09/28/2012 12:03	81985
Surr: 2-Fluorophenol		19.9-55.7		**50.1**	%REC	1	09/28/2012 12:03	81985
Surr: Nitrobenzene-d5		36.4-127		**79.1**	%REC	1	09/28/2012 12:03	81985
Surr: Phenol-d5		8.95-38.5		**27.8**	%REC	1	09/28/2012 12:03	81985
Surr: p-Terphenyl-d14		6.05-133		**99.2**	%REC	1	09/28/2012 12:03	81985
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		**ND**	µg/L	1	09/27/2012 18:52	82019
Ethylbenzene	NELAP	5.0		**ND**	µg/L	1	09/27/2012 18:52	82019
Toluene	NELAP	5.0		**ND**	µg/L	1	09/27/2012 18:52	82019
Xylenes, Total	NELAP	5.0		**ND**	µg/L	1	09/27/2012 18:52	82019
Surr: 1,2-Dichloroethane-d4		74.7-129		**96.2**	%REC	1	09/27/2012 18:52	82019
Surr: 4-Bromofluorobenzene		86-119		**102.4**	%REC	1	09/27/2012 18:52	82019
Surr: Dibromofluoromethane		81.7-123		**97.7**	%REC	1	09/27/2012 18:52	82019
Surr: Toluene-d8		84.3-114		**100.0**	%REC	1	09/27/2012 18:52	82019

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

Lab ID: 12091310-002 **Client Sample ID:** UMW-306

Matrix: AQUEOUS **Collection Date:** 09/24/2012 15:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.007		**0.038**	mg/L	1	09/28/2012 12:24	81998
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
2-Methylnaphthalene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 12:37	81985
Acenaphthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 12:37	81985
Acenaphthylene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 12:37	81985
Anthracene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 12:37	81985
Benzo(a)anthracene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 12:37	81985
Benzo(a)pyrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 12:37	81985
Benzo(b)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 12:37	81985
Benzo(g,h,i)perylene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 12:37	81985
Benzo(k)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 12:37	81985
Chrysene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 12:37	81985
Dibenzo(a,h)anthracene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 12:37	81985
Fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 12:37	81985
Fluorene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 12:37	81985
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 12:37	81985
Naphthalene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 12:37	81985
Phenanthrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 12:37	81985
Pyrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 12:37	81985
Total PNAs except Naphthalene		0.00013		**ND**	mg/L	1	09/28/2012 12:37	81985
Surr: 2-Fluorobiphenyl		34.3-105		**64.0**	%REC	1	09/28/2012 12:37	81985
Surr: 2-Fluorophenol		19.9-55.7		**49.1**	%REC	1	09/28/2012 12:37	81985
Surr: Nitrobenzene-d5		36.4-127		**67.5**	%REC	1	09/28/2012 12:37	81985
Surr: Phenol-d5		8.95-38.5		**25.9**	%REC	1	09/28/2012 12:37	81985
Surr: p-Terphenyl-d14		6.05-133		**80.1**	%REC	1	09/28/2012 12:37	81985
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		**ND**	µg/L	1	09/27/2012 19:19	82019
Ethylbenzene	NELAP	5.0		**ND**	µg/L	1	09/27/2012 19:19	82019
Toluene	NELAP	5.0		**ND**	µg/L	1	09/27/2012 19:19	82019
Xylenes, Total	NELAP	5.0		**ND**	µg/L	1	09/27/2012 19:19	82019
Surr: 1,2-Dichloroethane-d4		74.7-129		**96.9**	%REC	1	09/27/2012 19:19	82019
Surr: 4-Bromofluorobenzene		86-119		**100.3**	%REC	1	09/27/2012 19:19	82019
Surr: Dibromofluoromethane		81.7-123		**98.6**	%REC	1	09/27/2012 19:19	82019
Surr: Toluene-d8		84.3-114		**100.0**	%REC	1	09/27/2012 19:19	82019

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

Lab ID: 12091310-003 **Client Sample ID:** UMW-307

Matrix: AQUEOUS **Collection Date:** 09/24/2012 15:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.007		**0.036**	mg/L	1	09/28/2012 12:33	81998
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
2-Methylnaphthalene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 13:12	81985
Acenaphthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 13:12	81985
Acenaphthylene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 13:12	81985
Anthracene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 13:12	81985
Benzo(a)anthracene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 13:12	81985
Benzo(a)pyrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 13:12	81985
Benzo(b)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 13:12	81985
Benzo(g,h,i)perylene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 13:12	81985
Benzo(k)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 13:12	81985
Chrysene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 13:12	81985
Dibenzo(a,h)anthracene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 13:12	81985
Fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 13:12	81985
Fluorene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 13:12	81985
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 13:12	81985
Naphthalene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 13:12	81985
Phenanthrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 13:12	81985
Pyrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 13:12	81985
Total PNAs except Naphthalene		0.00013		**ND**	mg/L	1	09/28/2012 13:12	81985
Surr: 2-Fluorobiphenyl		34.3-105		**58.4**	%REC	1	09/28/2012 13:12	81985
Surr: 2-Fluorophenol		19.9-55.7		**48.5**	%REC	1	09/28/2012 13:12	81985
Surr: Nitrobenzene-d5		36.4-127		**59.6**	%REC	1	09/28/2012 13:12	81985
Surr: Phenol-d5		8.95-38.5		**25.1**	%REC	1	09/28/2012 13:12	81985
Surr: p-Terphenyl-d14		6.05-133		**72.4**	%REC	1	09/28/2012 13:12	81985
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		**ND**	µg/L	1	09/27/2012 19:45	82019
Ethylbenzene	NELAP	5.0		**ND**	µg/L	1	09/27/2012 19:45	82019
Toluene	NELAP	5.0		**ND**	µg/L	1	09/27/2012 19:45	82019
Xylenes, Total	NELAP	5.0		**ND**	µg/L	1	09/27/2012 19:45	82019
Surr: 1,2-Dichloroethane-d4		74.7-129		**95.9**	%REC	1	09/27/2012 19:45	82019
Surr: 4-Bromofluorobenzene		86-119		**99.7**	%REC	1	09/27/2012 19:45	82019
Surr: Dibromofluoromethane		81.7-123		**98.6**	%REC	1	09/27/2012 19:45	82019
Surr: Toluene-d8		84.3-114		**100.3**	%REC	1	09/27/2012 19:45	82019

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

Lab ID: 12091310-004 **Client Sample ID:** UMW-303

Matrix: AQUEOUS **Collection Date:** 09/24/2012 16:05

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.007		**0.013**	mg/L	1	09/28/2012 12:37	81998
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
2-Methylnaphthalene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 13:46	81985
Acenaphthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 13:46	81985
Acenaphthylene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 13:46	81985
Anthracene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 13:46	81985
Benzo(a)anthracene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 13:46	81985
Benzo(a)pyrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 13:46	81985
Benzo(b)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 13:46	81985
Benzo(g,h,i)perylene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 13:46	81985
Benzo(k)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 13:46	81985
Chrysene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 13:46	81985
Dibenzo(a,h)anthracene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 13:46	81985
Fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 13:46	81985
Fluorene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 13:46	81985
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 13:46	81985
Naphthalene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 13:46	81985
Phenanthrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 13:46	81985
Pyrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 13:46	81985
Total PNAs except Naphthalene		0.00013		**ND**	mg/L	1	09/28/2012 13:46	81985
Surr: 2-Fluorobiphenyl		34.3-105		**68.9**	%REC	1	09/28/2012 13:46	81985
Surr: 2-Fluorophenol		19.9-55.7		**43.9**	%REC	1	09/28/2012 13:46	81985
Surr: Nitrobenzene-d5		36.4-127		**67.7**	%REC	1	09/28/2012 13:46	81985
Surr: Phenol-d5		8.95-38.5		**24.8**	%REC	1	09/28/2012 13:46	81985
Surr: p-Terphenyl-d14		6.05-133		**81.9**	%REC	1	09/28/2012 13:46	81985
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		**ND**	µg/L	1	09/27/2012 20:12	82019
Ethylbenzene	NELAP	5.0		**ND**	µg/L	1	09/27/2012 20:12	82019
Toluene	NELAP	5.0		**ND**	µg/L	1	09/27/2012 20:12	82019
Xylenes, Total	NELAP	5.0		**ND**	µg/L	1	09/27/2012 20:12	82019
Surr: 1,2-Dichloroethane-d4		74.7-129		**96.1**	%REC	1	09/27/2012 20:12	82019
Surr: 4-Bromofluorobenzene		86-119		**100.1**	%REC	1	09/27/2012 20:12	82019
Surr: Dibromofluoromethane		81.7-123		**100.0**	%REC	1	09/27/2012 20:12	82019
Surr: Toluene-d8		84.3-114		**99.3**	%REC	1	09/27/2012 20:12	82019

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

Lab ID: 12091310-005 **Client Sample ID:** UMW-106

Matrix: AQUEOUS **Collection Date:** 09/25/2012 10:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.007		**0.018**	mg/L	1	09/28/2012 12:42	81998
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
2-Methylnaphthalene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 14:20	81985
Acenaphthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 14:20	81985
Acenaphthylene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 14:20	81985
Anthracene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 14:20	81985
Benzo(a)anthracene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 14:20	81985
Benzo(a)pyrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 14:20	81985
Benzo(b)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 14:20	81985
Benzo(g,h,i)perylene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 14:20	81985
Benzo(k)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 14:20	81985
Chrysene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 14:20	81985
Dibenzo(a,h)anthracene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 14:20	81985
Fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 14:20	81985
Fluorene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 14:20	81985
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 14:20	81985
Naphthalene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 14:20	81985
Phenanthrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 14:20	81985
Pyrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 14:20	81985
Total PNAs except Naphthalene		0.00013		**ND**	mg/L	1	09/28/2012 14:20	81985
Surr: 2-Fluorobiphenyl		34.3-105		**64.4**	%REC	1	09/28/2012 14:20	81985
Surr: 2-Fluorophenol		19.9-55.7		**43.9**	%REC	1	09/28/2012 14:20	81985
Surr: Nitrobenzene-d5		36.4-127		**65.0**	%REC	1	09/28/2012 14:20	81985
Surr: Phenol-d5		8.95-38.5		**24.6**	%REC	1	09/28/2012 14:20	81985
Surr: p-Terphenyl-d14		6.05-133		**78.0**	%REC	1	09/28/2012 14:20	81985
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		**ND**	µg/L	1	09/27/2012 20:39	82019
Ethylbenzene	NELAP	5.0		**ND**	µg/L	1	09/27/2012 20:39	82019
Toluene	NELAP	5.0		**ND**	µg/L	1	09/27/2012 20:39	82019
Xylenes, Total	NELAP	5.0		**ND**	µg/L	1	09/27/2012 20:39	82019
Surr: 1,2-Dichloroethane-d4		74.7-129		**96.0**	%REC	1	09/27/2012 20:39	82019
Surr: 4-Bromofluorobenzene		86-119		**100.6**	%REC	1	09/27/2012 20:39	82019
Surr: Dibromofluoromethane		81.7-123		**98.3**	%REC	1	09/27/2012 20:39	82019
Surr: Toluene-d8		84.3-114		**100.7**	%REC	1	09/27/2012 20:39	82019

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

Lab ID: 12091310-006 **Client Sample ID:** UMW-121

Matrix: AQUEOUS **Collection Date:** 09/25/2012 14:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.070	S	**0.145**	mg/L	10	10/01/2012 18:01	82047
MS QC limits for CN are not applicable due to high sample/spike ratio.								
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
2-Methylnaphthalene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 14:55	81985
Acenaphthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 14:55	81985
Acenaphthylene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 14:55	81985
Anthracene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 14:55	81985
Benzo(a)anthracene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 14:55	81985
Benzo(a)pyrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 14:55	81985
Benzo(b)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 14:55	81985
Benzo(g,h,i)perylene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 14:55	81985
Benzo(k)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 14:55	81985
Chrysene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 14:55	81985
Dibenzo(a,h)anthracene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 14:55	81985
Fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 14:55	81985
Fluorene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 14:55	81985
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 14:55	81985
Naphthalene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 14:55	81985
Phenanthrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 14:55	81985
Pyrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 14:55	81985
Total PNAs except Naphthalene		0.00013		**ND**	mg/L	1	09/28/2012 14:55	81985
Surr: 2-Fluorobiphenyl		34.3-105		**65.1**	%REC	1	09/28/2012 14:55	81985
Surr: 2-Fluorophenol		19.9-55.7		**40.6**	%REC	1	09/28/2012 14:55	81985
Surr: Nitrobenzene-d5		36.4-127		**64.0**	%REC	1	09/28/2012 14:55	81985
Surr: Phenol-d5		8.95-38.5		**22.8**	%REC	1	09/28/2012 14:55	81985
Surr: p-Terphenyl-d14		6.05-133		**81.3**	%REC	1	09/28/2012 14:55	81985
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		**ND**	µg/L	1	09/27/2012 21:06	82019
Ethylbenzene	NELAP	5.0		**ND**	µg/L	1	09/27/2012 21:06	82019
Toluene	NELAP	5.0		**ND**	µg/L	1	09/27/2012 21:06	82019
Xylenes, Total	NELAP	5.0		**ND**	µg/L	1	09/27/2012 21:06	82019
Surr: 1,2-Dichloroethane-d4		74.7-129		**96.6**	%REC	1	09/27/2012 21:06	82019
Surr: 4-Bromofluorobenzene		86-119		**100.4**	%REC	1	09/27/2012 21:06	82019
Surr: Dibromofluoromethane		81.7-123		**98.6**	%REC	1	09/27/2012 21:06	82019
Surr: Toluene-d8		84.3-114		**99.5**	%REC	1	09/27/2012 21:06	82019

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

Lab ID: 12091310-007 **Client Sample ID:** UMW-105

Matrix: AQUEOUS **Collection Date:** 09/25/2012 14:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.014		**0.066**	mg/L	2	09/28/2012 14:56	81998
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
2-Methylnaphthalene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 15:29	81985
Acenaphthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 15:29	81985
Acenaphthylene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 15:29	81985
Anthracene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 15:29	81985
Benzo(a)anthracene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 15:29	81985
Benzo(a)pyrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 15:29	81985
Benzo(b)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 15:29	81985
Benzo(g,h,i)perylene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 15:29	81985
Benzo(k)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 15:29	81985
Chrysene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 15:29	81985
Dibenzo(a,h)anthracene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 15:29	81985
Fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 15:29	81985
Fluorene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 15:29	81985
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 15:29	81985
Naphthalene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 15:29	81985
Phenanthrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 15:29	81985
Pyrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 15:29	81985
Total PNAs except Naphthalene		0.00013		**ND**	mg/L	1	09/28/2012 15:29	81985
Surr: 2-Fluorobiphenyl		34.3-105		**62.7**	%REC	1	09/28/2012 15:29	81985
Surr: 2-Fluorophenol		19.9-55.7		**39.8**	%REC	1	09/28/2012 15:29	81985
Surr: Nitrobenzene-d5		36.4-127		**65.0**	%REC	1	09/28/2012 15:29	81985
Surr: Phenol-d5		8.95-38.5		**22.1**	%REC	1	09/28/2012 15:29	81985
Surr: p-Terphenyl-d14		6.05-133		**79.0**	%REC	1	09/28/2012 15:29	81985
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		**ND**	µg/L	1	09/27/2012 21:33	82019
Ethylbenzene	NELAP	5.0		**ND**	µg/L	1	09/27/2012 21:33	82019
Toluene	NELAP	5.0		**ND**	µg/L	1	09/27/2012 21:33	82019
Xylenes, Total	NELAP	5.0		**ND**	µg/L	1	09/27/2012 21:33	82019
Surr: 1,2-Dichloroethane-d4		74.7-129		**96.3**	%REC	1	09/27/2012 21:33	82019
Surr: 4-Bromofluorobenzene		86-119		**100.9**	%REC	1	09/27/2012 21:33	82019
Surr: Dibromofluoromethane		81.7-123		**98.7**	%REC	1	09/27/2012 21:33	82019
Surr: Toluene-d8		84.3-114		**100.4**	%REC	1	09/27/2012 21:33	82019

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

Lab ID: 12091310-008 **Client Sample ID:** UMW-302

Matrix: AQUEOUS **Collection Date:** 09/25/2012 15:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.014		**0.090**	mg/L	2	09/28/2012 15:00	81998
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
2-Methylnaphthalene	NELAP	0.00010		**0.00050**	mg/L	1	09/28/2012 16:04	81985
Acenaphthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 16:04	81985
Acenaphthylene	NELAP	0.00010		**0.00028**	mg/L	1	09/28/2012 16:04	81985
Anthracene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 16:04	81985
Benzo(a)anthracene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 16:04	81985
Benzo(a)pyrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 16:04	81985
Benzo(b)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 16:04	81985
Benzo(g,h,i)perylene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 16:04	81985
Benzo(k)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 16:04	81985
Chrysene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 16:04	81985
Dibenzo(a,h)anthracene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 16:04	81985
Fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 16:04	81985
Fluorene	NELAP	0.00010	J	**0.00010**	mg/L	1	09/28/2012 16:04	81985
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 16:04	81985
Naphthalene	NELAP	0.0100		**3.59**	mg/L	100	10/01/2012 11:49	81985
Phenanthrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 16:04	81985
Pyrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 16:04	81985
Total PNAs except Naphthalene		0.00013		**0.00038**	mg/L	1	09/28/2012 16:04	81985
Surr: 2-Fluorobiphenyl		34.3-105		**75.0**	%REC	1	09/28/2012 16:04	81985
Surr: 2-Fluorophenol		19.9-55.7		**24.5**	%REC	1	09/28/2012 16:04	81985
Surr: Nitrobenzene-d5		36.4-127		**83.8**	%REC	1	09/28/2012 16:04	81985
Surr: Phenol-d5		8.95-38.5		**23.2**	%REC	1	09/28/2012 16:04	81985
Surr: p-Terphenyl-d14		6.05-133		**79.6**	%REC	1	09/28/2012 16:04	81985
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	20.0		**367**	µg/L	10	09/27/2012 22:00	82019
Ethylbenzene	NELAP	50.0		**569**	µg/L	10	09/27/2012 22:00	82019
Toluene	NELAP	50.0		**ND**	µg/L	10	09/27/2012 22:00	82019
Xylenes, Total	NELAP	50.0		**220**	µg/L	10	09/27/2012 22:00	82019
Surr: 1,2-Dichloroethane-d4		74.7-129		**96.3**	%REC	10	09/27/2012 22:00	82019
Surr: 4-Bromofluorobenzene		86-119		**99.2**	%REC	10	09/27/2012 22:00	82019
Surr: Dibromofluoromethane		81.7-123		**98.6**	%REC	10	09/27/2012 22:00	82019
Surr: Toluene-d8		84.3-114		**100.1**	%REC	10	09/27/2012 22:00	82019

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

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

Lab ID: 12091310-009 **Client Sample ID:** UMW-300

Matrix: AQUEOUS **Collection Date:** 09/25/2012 16:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.007		**< 0.007**	mg/L	1	09/28/2012 13:38	81998
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
2-Methylnaphthalene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 16:38	81985
Acenaphthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 16:38	81985
Acenaphthylene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 16:38	81985
Anthracene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 16:38	81985
Benzo(a)anthracene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 16:38	81985
Benzo(a)pyrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 16:38	81985
Benzo(b)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 16:38	81985
Benzo(g,h,i)perylene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 16:38	81985
Benzo(k)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 16:38	81985
Chrysene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 16:38	81985
Dibenzo(a,h)anthracene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 16:38	81985
Fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 16:38	81985
Fluorene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 16:38	81985
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 16:38	81985
Naphthalene	NELAP	0.00010		**0.00021**	mg/L	1	09/28/2012 16:38	81985
Phenanthrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 16:38	81985
Pyrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 16:38	81985
Total PNAs except Naphthalene		0.00013		**ND**	mg/L	1	09/28/2012 16:38	81985
Surr: 2-Fluorobiphenyl		34.3-105		**62.7**	%REC	1	09/28/2012 16:38	81985
Surr: 2-Fluorophenol		19.9-55.7		**47.8**	%REC	1	09/28/2012 16:38	81985
Surr: Nitrobenzene-d5		36.4-127		**61.3**	%REC	1	09/28/2012 16:38	81985
Surr: Phenol-d5		8.95-38.5		**11.7**	%REC	1	09/28/2012 16:38	81985
Surr: p-Terphenyl-d14		6.05-133		**70.8**	%REC	1	09/28/2012 16:38	81985
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		**ND**	µg/L	1	09/27/2012 22:27	82019
Ethylbenzene	NELAP	5.0		**ND**	µg/L	1	09/27/2012 22:27	82019
Toluene	NELAP	5.0		**ND**	µg/L	1	09/27/2012 22:27	82019
Xylenes, Total	NELAP	5.0		**ND**	µg/L	1	09/27/2012 22:27	82019
Surr: 1,2-Dichloroethane-d4		74.7-129		**96.7**	%REC	1	09/27/2012 22:27	82019
Surr: 4-Bromofluorobenzene		86-119		**100.9**	%REC	1	09/27/2012 22:27	82019
Surr: Dibromofluoromethane		81.7-123		**99.1**	%REC	1	09/27/2012 22:27	82019
Surr: Toluene-d8		84.3-114		**99.8**	%REC	1	09/27/2012 22:27	82019

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

Lab ID: 12091310-010 **Client Sample ID:** DUPLICATE 01

Matrix: AQUEOUS **Collection Date:** 09/24/2012 19:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.007		**0.012**	mg/L	1	09/28/2012 13:42	81998
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
2-Methylnaphthalene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 17:12	81985
Acenaphthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 17:12	81985
Acenaphthylene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 17:12	81985
Anthracene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 17:12	81985
Benzo(a)anthracene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 17:12	81985
Benzo(a)pyrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 17:12	81985
Benzo(b)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 17:12	81985
Benzo(g,h,i)perylene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 17:12	81985
Benzo(k)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 17:12	81985
Chrysene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 17:12	81985
Dibenzo(a,h)anthracene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 17:12	81985
Fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 17:12	81985
Fluorene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 17:12	81985
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 17:12	81985
Naphthalene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 17:12	81985
Phenanthrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 17:12	81985
Pyrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 17:12	81985
Total PNAs except Naphthalene		0.00013		**ND**	mg/L	1	09/28/2012 17:12	81985
Surr: 2-Fluorobiphenyl		34.3-105		**65.2**	%REC	1	09/28/2012 17:12	81985
Surr: 2-Fluorophenol		19.9-55.7		**42.4**	%REC	1	09/28/2012 17:12	81985
Surr: Nitrobenzene-d5		36.4-127		**70.4**	%REC	1	09/28/2012 17:12	81985
Surr: Phenol-d5		8.95-38.5		**24.6**	%REC	1	09/28/2012 17:12	81985
Surr: p-Terphenyl-d14		6.05-133		**79.5**	%REC	1	09/28/2012 17:12	81985
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		**ND**	µg/L	1	09/27/2012 22:53	82019
Ethylbenzene	NELAP	5.0		**ND**	µg/L	1	09/27/2012 22:53	82019
Toluene	NELAP	5.0		**ND**	µg/L	1	09/27/2012 22:53	82019
Xylenes, Total	NELAP	5.0		**ND**	µg/L	1	09/27/2012 22:53	82019
Surr: 1,2-Dichloroethane-d4		74.7-129		**95.8**	%REC	1	09/27/2012 22:53	82019
Surr: 4-Bromofluorobenzene		86-119		**100.5**	%REC	1	09/27/2012 22:53	82019
Surr: Dibromofluoromethane		81.7-123		**99.6**	%REC	1	09/27/2012 22:53	82019
Surr: Toluene-d8		84.3-114		**100.1**	%REC	1	09/27/2012 22:53	82019

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

Lab ID: 12091310-011 **Client Sample ID:** UMW-123

Matrix: AQUEOUS **Collection Date:** 09/26/2012 8:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.007		**< 0.007**	mg/L	1	09/28/2012 13:47	81998
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
2-Methylnaphthalene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 22:17	81985
Acenaphthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 22:17	81985
Acenaphthylene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 22:17	81985
Anthracene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 22:17	81985
Benzo(a)anthracene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 22:17	81985
Benzo(a)pyrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 22:17	81985
Benzo(b)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 22:17	81985
Benzo(g,h,i)perylene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 22:17	81985
Benzo(k)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 22:17	81985
Chrysene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 22:17	81985
Dibenzo(a,h)anthracene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 22:17	81985
Fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 22:17	81985
Fluorene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 22:17	81985
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 22:17	81985
Naphthalene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 22:17	81985
Phenanthrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 22:17	81985
Pyrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 22:17	81985
Total PNAs except Naphthalene		0.00013		**ND**	mg/L	1	09/28/2012 22:17	81985
Surr: 2-Fluorobiphenyl		34.3-105		**61.8**	%REC	1	09/28/2012 22:17	81985
Surr: 2-Fluorophenol		19.9-55.7		**41.5**	%REC	1	09/28/2012 22:17	81985
Surr: Nitrobenzene-d5		36.4-127		**61.2**	%REC	1	09/28/2012 22:17	81985
Surr: Phenol-d5		8.95-38.5		**22.1**	%REC	1	09/28/2012 22:17	81985
Surr: p-Terphenyl-d14		6.05-133		**79.1**	%REC	1	09/28/2012 22:17	81985
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		**ND**	µg/L	1	09/27/2012 23:20	82019
Ethylbenzene	NELAP	5.0		**ND**	µg/L	1	09/27/2012 23:20	82019
Toluene	NELAP	5.0		**ND**	µg/L	1	09/27/2012 23:20	82019
Xylenes, Total	NELAP	5.0		**ND**	µg/L	1	09/27/2012 23:20	82019
Surr: 1,2-Dichloroethane-d4		74.7-129		**95.8**	%REC	1	09/27/2012 23:20	82019
Surr: 4-Bromofluorobenzene		86-119		**102.0**	%REC	1	09/27/2012 23:20	82019
Surr: Dibromofluoromethane		81.7-123		**98.7**	%REC	1	09/27/2012 23:20	82019
Surr: Toluene-d8		84.3-114		**100.1**	%REC	1	09/27/2012 23:20	82019

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

Lab ID: 12091310-012 **Client Sample ID:** UMW-125

Matrix: AQUEOUS **Collection Date:** 09/26/2012 9:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.007		**0.010**	mg/L	1	10/01/2012 12:40	82047
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
2-Methylnaphthalene	NELAP	0.00010		**0.00023**	mg/L	1	09/29/2012 3:03	81985
Acenaphthene	NELAP	0.00010		**0.00011**	mg/L	1	09/29/2012 3:03	81985
Acenaphthylene	NELAP	0.00010		**ND**	mg/L	1	09/29/2012 3:03	81985
Anthracene	NELAP	0.00010		**ND**	mg/L	1	09/29/2012 3:03	81985
Benzo(a)anthracene	NELAP	0.00010		**ND**	mg/L	1	09/29/2012 3:03	81985
Benzo(a)pyrene	NELAP	0.00010		**ND**	mg/L	1	09/29/2012 3:03	81985
Benzo(b)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/29/2012 3:03	81985
Benzo(g,h,i)perylene	NELAP	0.00010		**ND**	mg/L	1	09/29/2012 3:03	81985
Benzo(k)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/29/2012 3:03	81985
Chrysene	NELAP	0.00010		**ND**	mg/L	1	09/29/2012 3:03	81985
Dibenzo(a,h)anthracene	NELAP	0.00010		**ND**	mg/L	1	09/29/2012 3:03	81985
Fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/29/2012 3:03	81985
Fluorene	NELAP	0.00010		**ND**	mg/L	1	09/29/2012 3:03	81985
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		**ND**	mg/L	1	09/29/2012 3:03	81985
Naphthalene	NELAP	0.00010		**0.00195**	mg/L	1	09/29/2012 3:03	81985
Phenanthrene	NELAP	0.00010		**0.00015**	mg/L	1	09/29/2012 3:03	81985
Pyrene	NELAP	0.00010		**ND**	mg/L	1	09/29/2012 3:03	81985
Total PNAs except Naphthalene		0.00013		**0.00026**	mg/L	1	09/29/2012 3:03	81985
Surr: 2-Fluorobiphenyl		34.3-105		**67.7**	%REC	1	09/29/2012 3:03	81985
Surr: 2-Fluorophenol		19.9-55.7		**49.3**	%REC	1	09/29/2012 3:03	81985
Surr: Nitrobenzene-d5		36.4-127		**75.3**	%REC	1	09/29/2012 3:03	81985
Surr: Phenol-d5		8.95-38.5		**26.0**	%REC	1	09/29/2012 3:03	81985
Surr: p-Terphenyl-d14		6.05-133		**87.0**	%REC	1	09/29/2012 3:03	81985
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		**20.6**	µg/L	1	09/28/2012 2:55	82019
Ethylbenzene	NELAP	5.0		**ND**	µg/L	1	09/28/2012 2:55	82019
Toluene	NELAP	5.0	J	**1.2**	µg/L	1	09/28/2012 2:55	82019
Xylenes, Total	NELAP	5.0		**ND**	µg/L	1	09/28/2012 2:55	82019
Surr: 1,2-Dichloroethane-d4		74.7-129		**96.8**	%REC	1	09/28/2012 2:55	82019
Surr: 4-Bromofluorobenzene		86-119		**100.0**	%REC	1	09/28/2012 2:55	82019
Surr: Dibromofluoromethane		81.7-123		**99.2**	%REC	1	09/28/2012 2:55	82019
Surr: Toluene-d8		84.3-114		**99.9**	%REC	1	09/28/2012 2:55	82019

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

Lab ID: 12091310-013 **Client Sample ID:** UMW-124

Matrix: AQUEOUS **Collection Date:** 09/26/2012 10:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.007		**< 0.007**	mg/L	1	10/01/2012 13:06	82047
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
2-Methylnaphthalene	NELAP	0.00010		**0.00096**	mg/L	1	09/29/2012 3:38	81985
Acenaphthene	NELAP	0.00010		**0.00024**	mg/L	1	09/29/2012 3:38	81985
Acenaphthylene	NELAP	0.00010	J	**0.00009**	mg/L	1	09/29/2012 3:38	81985
Anthracene	NELAP	0.00010		**ND**	mg/L	1	09/29/2012 3:38	81985
Benzo(a)anthracene	NELAP	0.00010		**ND**	mg/L	1	09/29/2012 3:38	81985
Benzo(a)pyrene	NELAP	0.00010		**ND**	mg/L	1	09/29/2012 3:38	81985
Benzo(b)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/29/2012 3:38	81985
Benzo(g,h,i)perylene	NELAP	0.00010		**ND**	mg/L	1	09/29/2012 3:38	81985
Benzo(k)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/29/2012 3:38	81985
Chrysene	NELAP	0.00010		**ND**	mg/L	1	09/29/2012 3:38	81985
Dibenzo(a,h)anthracene	NELAP	0.00010		**ND**	mg/L	1	09/29/2012 3:38	81985
Fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/29/2012 3:38	81985
Fluorene	NELAP	0.00010		**0.00014**	mg/L	1	09/29/2012 3:38	81985
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		**ND**	mg/L	1	09/29/2012 3:38	81985
Naphthalene	NELAP	0.00010		**0.0121**	mg/L	1	09/29/2012 3:38	81985
Phenanthrene	NELAP	0.00010		**0.00019**	mg/L	1	09/29/2012 3:38	81985
Pyrene	NELAP	0.00010		**ND**	mg/L	1	09/29/2012 3:38	81985
Total PNAs except Naphthalene		0.00013		**0.00067**	mg/L	1	09/29/2012 3:38	81985
Surr: 2-Fluorobiphenyl		34.3-105		**61.5**	%REC	1	09/29/2012 3:38	81985
Surr: 2-Fluorophenol		19.9-55.7		**46.4**	%REC	1	09/29/2012 3:38	81985
Surr: Nitrobenzene-d5		36.4-127		**72.4**	%REC	1	09/29/2012 3:38	81985
Surr: Phenol-d5		8.95-38.5		**26.1**	%REC	1	09/29/2012 3:38	81985
Surr: p-Terphenyl-d14		6.05-133		**80.0**	%REC	1	09/29/2012 3:38	81985
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		**67.4**	µg/L	1	09/28/2012 3:22	82019
Ethylbenzene	NELAP	5.0	J	**3.7**	µg/L	1	09/28/2012 3:22	82019
Toluene	NELAP	5.0		**23.3**	µg/L	1	09/28/2012 3:22	82019
Xylenes, Total	NELAP	5.0		**9.8**	µg/L	1	09/28/2012 3:22	82019
Surr: 1,2-Dichloroethane-d4		74.7-129		**96.0**	%REC	1	09/28/2012 3:22	82019
Surr: 4-Bromofluorobenzene		86-119		**100.0**	%REC	1	09/28/2012 3:22	82019
Surr: Dibromofluoromethane		81.7-123		**100.0**	%REC	1	09/28/2012 3:22	82019
Surr: Toluene-d8		84.3-114		**100.2**	%REC	1	09/28/2012 3:22	82019

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

Lab ID: 12091310-014 **Client Sample ID:** UMW-127

Matrix: AQUEOUS **Collection Date:** 09/26/2012 12:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.007		**< 0.007**	mg/L	1	10/01/2012 13:10	82047
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
2-Methylnaphthalene	NELAP	0.00010		**0.00142**	mg/L	1	09/29/2012 4:14	81985
Acenaphthene	NELAP	0.00010		**0.00041**	mg/L	1	09/29/2012 4:14	81985
Acenaphthylene	NELAP	0.00010		**0.00905**	mg/L	1	09/29/2012 4:14	81985
Anthracene	NELAP	0.00010		**0.00016**	mg/L	1	09/29/2012 4:14	81985
Benzo(a)anthracene	NELAP	0.00010		**ND**	mg/L	1	09/29/2012 4:14	81985
Benzo(a)pyrene	NELAP	0.00010		**ND**	mg/L	1	09/29/2012 4:14	81985
Benzo(b)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/29/2012 4:14	81985
Benzo(g,h,i)perylene	NELAP	0.00010		**ND**	mg/L	1	09/29/2012 4:14	81985
Benzo(k)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/29/2012 4:14	81985
Chrysene	NELAP	0.00010		**ND**	mg/L	1	09/29/2012 4:14	81985
Dibenzo(a,h)anthracene	NELAP	0.00010		**ND**	mg/L	1	09/29/2012 4:14	81985
Fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/29/2012 4:14	81985
Fluorene	NELAP	0.00010		**0.00031**	mg/L	1	09/29/2012 4:14	81985
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		**ND**	mg/L	1	09/29/2012 4:14	81985
Naphthalene	NELAP	0.00010		**0.00499**	mg/L	1	09/29/2012 4:14	81985
Phenanthrene	NELAP	0.00010		**0.00040**	mg/L	1	09/29/2012 4:14	81985
Pyrene	NELAP	0.00010		**ND**	mg/L	1	09/29/2012 4:14	81985
Total PNAs except Naphthalene		0.00013		**0.0103**	mg/L	1	09/29/2012 4:14	81985
Surr: 2-Fluorobiphenyl		34.3-105		**70.3**	%REC	1	09/29/2012 4:14	81985
Surr: 2-Fluorophenol		19.9-55.7		**50.6**	%REC	1	09/29/2012 4:14	81985
Surr: Nitrobenzene-d5		36.4-127		**88.0**	%REC	1	09/29/2012 4:14	81985
Surr: Phenol-d5		8.95-38.5		**25.9**	%REC	1	09/29/2012 4:14	81985
Surr: p-Terphenyl-d14		6.05-133		**87.2**	%REC	1	09/29/2012 4:14	81985
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		**6.5**	µg/L	1	09/28/2012 3:49	82019
Ethylbenzene	NELAP	5.0		**ND**	µg/L	1	09/28/2012 3:49	82019
Toluene	NELAP	5.0		**ND**	µg/L	1	09/28/2012 3:49	82019
Xylenes, Total	NELAP	5.0		**ND**	µg/L	1	09/28/2012 3:49	82019
Surr: 1,2-Dichloroethane-d4		74.7-129		**96.9**	%REC	1	09/28/2012 3:49	82019
Surr: 4-Bromofluorobenzene		86-119		**99.2**	%REC	1	09/28/2012 3:49	82019
Surr: Dibromofluoromethane		81.7-123		**100.1**	%REC	1	09/28/2012 3:49	82019
Surr: Toluene-d8		84.3-114		**98.5**	%REC	1	09/28/2012 3:49	82019

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

Lab ID: 12091310-015 **Client Sample ID:** UMW-126

Matrix: AQUEOUS **Collection Date:** 09/26/2012 13:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.007		**< 0.007**	mg/L	1	10/01/2012 13:14	82047
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
2-Methylnaphthalene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 17:46	81985
Acenaphthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 17:46	81985
Acenaphthylene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 17:46	81985
Anthracene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 17:46	81985
Benzo(a)anthracene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 17:46	81985
Benzo(a)pyrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 17:46	81985
Benzo(b)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 17:46	81985
Benzo(g,h,i)perylene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 17:46	81985
Benzo(k)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 17:46	81985
Chrysene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 17:46	81985
Dibenzo(a,h)anthracene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 17:46	81985
Fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 17:46	81985
Fluorene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 17:46	81985
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 17:46	81985
Naphthalene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 17:46	81985
Phenanthrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 17:46	81985
Pyrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 17:46	81985
Total PNAs except Naphthalene		0.00013		**ND**	mg/L	1	09/28/2012 17:46	81985
Surr: 2-Fluorobiphenyl		34.3-105		**71.4**	%REC	1	09/28/2012 17:46	81985
Surr: 2-Fluorophenol		19.9-55.7		**43.6**	%REC	1	09/28/2012 17:46	81985
Surr: Nitrobenzene-d5		36.4-127		**75.2**	%REC	1	09/28/2012 17:46	81985
Surr: Phenol-d5		8.95-38.5		**24.9**	%REC	1	09/28/2012 17:46	81985
Surr: p-Terphenyl-d14		6.05-133		**61.8**	%REC	1	09/28/2012 17:46	81985
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		**ND**	µg/L	1	09/27/2012 23:47	82019
Ethylbenzene	NELAP	5.0		**ND**	µg/L	1	09/27/2012 23:47	82019
Toluene	NELAP	5.0		**ND**	µg/L	1	09/27/2012 23:47	82019
Xylenes, Total	NELAP	5.0		**ND**	µg/L	1	09/27/2012 23:47	82019
Surr: 1,2-Dichloroethane-d4		74.7-129		**96.0**	%REC	1	09/27/2012 23:47	82019
Surr: 4-Bromofluorobenzene		86-119		**100.4**	%REC	1	09/27/2012 23:47	82019
Surr: Dibromofluoromethane		81.7-123		**99.5**	%REC	1	09/27/2012 23:47	82019
Surr: Toluene-d8		84.3-114		**100.7**	%REC	1	09/27/2012 23:47	82019

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

Lab ID: 12091310-016 **Client Sample ID:** UMW-301R

Matrix: AQUEOUS **Collection Date:** 09/26/2012 14:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.007		**< 0.007**	mg/L	1	10/01/2012 13:19	82047
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
2-Methylnaphthalene	NELAP	0.00010		**0.00010**	mg/L	1	09/28/2012 18:20	81985
Acenaphthene	NELAP	0.00010		**0.00334**	mg/L	1	09/28/2012 18:20	81985
Acenaphthylene	NELAP	0.00010		**0.00439**	mg/L	1	09/28/2012 18:20	81985
Anthracene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 18:20	81985
Benzo(a)anthracene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 18:20	81985
Benzo(a)pyrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 18:20	81985
Benzo(b)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 18:20	81985
Benzo(g,h,i)perylene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 18:20	81985
Benzo(k)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 18:20	81985
Chrysene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 18:20	81985
Dibenzo(a,h)anthracene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 18:20	81985
Fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 18:20	81985
Fluorene	NELAP	0.00010		**0.00017**	mg/L	1	09/28/2012 18:20	81985
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 18:20	81985
Naphthalene	NELAP	0.00010		**0.00061**	mg/L	1	09/28/2012 18:20	81985
Phenanthrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 18:20	81985
Pyrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 18:20	81985
Total PNAs except Naphthalene		0.00013		**0.00791**	mg/L	1	09/28/2012 18:20	81985
Surr: 2-Fluorobiphenyl		34.3-105		**68.7**	%REC	1	09/28/2012 18:20	81985
Surr: 2-Fluorophenol		19.9-55.7		**42.6**	%REC	1	09/28/2012 18:20	81985
Surr: Nitrobenzene-d5		36.4-127		**70.3**	%REC	1	09/28/2012 18:20	81985
Surr: Phenol-d5		8.95-38.5		**23.2**	%REC	1	09/28/2012 18:20	81985
Surr: p-Terphenyl-d14		6.05-133		**79.0**	%REC	1	09/28/2012 18:20	81985
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		**ND**	µg/L	1	09/28/2012 0:14	82019
Ethylbenzene	NELAP	5.0		**ND**	µg/L	1	09/28/2012 0:14	82019
Toluene	NELAP	5.0		**ND**	µg/L	1	09/28/2012 0:14	82019
Xylenes, Total	NELAP	5.0	J	**1.5**	µg/L	1	09/28/2012 0:14	82019
Surr: 1,2-Dichloroethane-d4		74.7-129		**96.3**	%REC	1	09/28/2012 0:14	82019
Surr: 4-Bromofluorobenzene		86-119		**100.9**	%REC	1	09/28/2012 0:14	82019
Surr: Dibromofluoromethane		81.7-123		**98.2**	%REC	1	09/28/2012 0:14	82019
Surr: Toluene-d8		84.3-114		**99.4**	%REC	1	09/28/2012 0:14	82019

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

Lab ID: 12091310-017 **Client Sample ID:** DUPLICATE 02

Matrix: AQUEOUS **Collection Date:** 09/25/2012 19:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.035		**0.099**	mg/L	5	10/01/2012 20:58	82047
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
2-Methylnaphthalene	NELAP	0.00010		**0.00059**	mg/L	1	09/28/2012 20:04	81985
Acenaphthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 20:04	81985
Acenaphthylene	NELAP	0.00010		**0.00030**	mg/L	1	09/28/2012 20:04	81985
Anthracene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 20:04	81985
Benzo(a)anthracene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 20:04	81985
Benzo(a)pyrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 20:04	81985
Benzo(b)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 20:04	81985
Benzo(g,h,i)perylene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 20:04	81985
Benzo(k)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 20:04	81985
Chrysene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 20:04	81985
Dibenzo(a,h)anthracene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 20:04	81985
Fluoranthene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 20:04	81985
Fluorene	NELAP	0.00010		**0.00010**	mg/L	1	09/28/2012 20:04	81985
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 20:04	81985
Naphthalene	NELAP	0.0100		**3.73**	mg/L	100	10/01/2012 12:24	81985
Phenanthrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 20:04	81985
Pyrene	NELAP	0.00010		**ND**	mg/L	1	09/28/2012 20:04	81985
Total PNAs except Naphthalene		0.00013		**0.00040**	mg/L	1	09/28/2012 20:04	81985
Surr: 2-Fluorobiphenyl		34.3-105		**74.3**	%REC	1	09/28/2012 20:04	81985
Surr: 2-Fluorophenol		19.9-55.7		**26.7**	%REC	1	09/28/2012 20:04	81985
Surr: Nitrobenzene-d5		36.4-127		**88.6**	%REC	1	09/28/2012 20:04	81985
Surr: Phenol-d5		8.95-38.5		**25.5**	%REC	1	09/28/2012 20:04	81985
Surr: p-Terphenyl-d14		6.05-133		**76.3**	%REC	1	09/28/2012 20:04	81985
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	20.0		**378**	µg/L	10	09/28/2012 1:35	82019
Ethylbenzene	NELAP	50.0		**574**	µg/L	10	09/28/2012 1:35	82019
Toluene	NELAP	50.0		**ND**	µg/L	10	09/28/2012 1:35	82019
Xylenes, Total	NELAP	50.0		**223**	µg/L	10	09/28/2012 1:35	82019
Surr: 1,2-Dichloroethane-d4		74.7-129		**96.3**	%REC	10	09/28/2012 1:35	82019
Surr: 4-Bromofluorobenzene		86-119		**97.2**	%REC	10	09/28/2012 1:35	82019
Surr: Dibromofluoromethane		81.7-123		**98.3**	%REC	10	09/28/2012 1:35	82019
Surr: Toluene-d8		84.3-114		**99.8**	%REC	10	09/28/2012 1:35	82019

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

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

Lab ID: 12091310-018 **Client Sample ID:** UMW-102

Matrix: AQUEOUS **Collection Date:** 09/24/2012 14:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.007		**< 0.007**	mg/L	1	10/01/2012 13:40	82047
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
2-Methylnaphthalene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 13:34	81985
Acenaphthene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 13:34	81985
Acenaphthylene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 13:34	81985
Anthracene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 13:34	81985
Benzo(a)anthracene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 13:34	81985
Benzo(a)pyrene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 13:34	81985
Benzo(b)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 13:34	81985
Benzo(g,h,i)perylene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 13:34	81985
Benzo(k)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 13:34	81985
Chrysene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 13:34	81985
Dibenzo(a,h)anthracene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 13:34	81985
Fluoranthene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 13:34	81985
Fluorene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 13:34	81985
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 13:34	81985
Naphthalene	NELAP	0.00010		**0.00040**	mg/L	1	10/01/2012 13:34	81985
Phenanthrene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 13:34	81985
Pyrene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 13:34	81985
Total PNAs except Naphthalene		0.00013		**ND**	mg/L	1	10/01/2012 13:34	81985
Surr: 2-Fluorobiphenyl		34.3-105		**81.7**	%REC	1	10/01/2012 13:34	81985
Surr: 2-Fluorophenol		19.9-55.7		**51.8**	%REC	1	10/01/2012 13:34	81985
Surr: Nitrobenzene-d5		36.4-127		**85.2**	%REC	1	10/01/2012 13:34	81985
Surr: Phenol-d5		8.95-38.5		**29.0**	%REC	1	10/01/2012 13:34	81985
Surr: p-Terphenyl-d14		6.05-133		**100.6**	%REC	1	10/01/2012 13:34	81985
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		**ND**	µg/L	1	09/28/2012 2:01	82019
Ethylbenzene	NELAP	5.0		**ND**	µg/L	1	09/28/2012 2:01	82019
Toluene	NELAP	5.0		**ND**	µg/L	1	09/28/2012 2:01	82019
Xylenes, Total	NELAP	5.0		**ND**	µg/L	1	09/28/2012 2:01	82019
Surr: 1,2-Dichloroethane-d4		74.7-129		**94.7**	%REC	1	09/28/2012 2:01	82019
Surr: 4-Bromofluorobenzene		86-119		**100.3**	%REC	1	09/28/2012 2:01	82019
Surr: Dibromofluoromethane		81.7-123		**99.2**	%REC	1	09/28/2012 2:01	82019
Surr: Toluene-d8		84.3-114		**99.8**	%REC	1	09/28/2012 2:01	82019

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

Lab ID: 12091310-019 **Client Sample ID:** UMW-120

Matrix: AQUEOUS **Collection Date:** 09/24/2012 15:05

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.007		**0.029**	mg/L	1	10/01/2012 13:45	82047
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
2-Methylnaphthalene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 14:08	81985
Acenaphthene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 14:08	81985
Acenaphthylene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 14:08	81985
Anthracene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 14:08	81985
Benzo(a)anthracene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 14:08	81985
Benzo(a)pyrene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 14:08	81985
Benzo(b)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 14:08	81985
Benzo(g,h,i)perylene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 14:08	81985
Benzo(k)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 14:08	81985
Chrysene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 14:08	81985
Dibenzo(a,h)anthracene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 14:08	81985
Fluoranthene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 14:08	81985
Fluorene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 14:08	81985
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 14:08	81985
Naphthalene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 14:08	81985
Phenanthrene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 14:08	81985
Pyrene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 14:08	81985
Total PNAs except Naphthalene		0.00013		**ND**	mg/L	1	10/01/2012 14:08	81985
Surr: 2-Fluorobiphenyl		34.3-105		**74.8**	%REC	1	10/01/2012 14:08	81985
Surr: 2-Fluorophenol		19.9-55.7		**45.9**	%REC	1	10/01/2012 14:08	81985
Surr: Nitrobenzene-d5		36.4-127		**76.0**	%REC	1	10/01/2012 14:08	81985
Surr: Phenol-d5		8.95-38.5		**24.7**	%REC	1	10/01/2012 14:08	81985
Surr: p-Terphenyl-d14		6.05-133		**87.0**	%REC	1	10/01/2012 14:08	81985
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		**ND**	µg/L	1	09/28/2012 2:28	82019
Ethylbenzene	NELAP	5.0		**ND**	µg/L	1	09/28/2012 2:28	82019
Toluene	NELAP	5.0		**ND**	µg/L	1	09/28/2012 2:28	82019
Xylenes, Total	NELAP	5.0		**ND**	µg/L	1	09/28/2012 2:28	82019
Surr: 1,2-Dichloroethane-d4		74.7-129		**96.9**	%REC	1	09/28/2012 2:28	82019
Surr: 4-Bromofluorobenzene		86-119		**101.5**	%REC	1	09/28/2012 2:28	82019
Surr: Dibromofluoromethane		81.7-123		**100.3**	%REC	1	09/28/2012 2:28	82019
Surr: Toluene-d8		84.3-114		**100.3**	%REC	1	09/28/2012 2:28	82019

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

Lab ID: 12091310-020 **Client Sample ID:** UMW-119

Matrix: AQUEOUS **Collection Date:** 09/24/2012 16:05

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.007		**0.029**	mg/L	1	10/01/2012 14:11	82047
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
2-Methylnaphthalene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 14:43	81985
Acenaphthene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 14:43	81985
Acenaphthylene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 14:43	81985
Anthracene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 14:43	81985
Benzo(a)anthracene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 14:43	81985
Benzo(a)pyrene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 14:43	81985
Benzo(b)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 14:43	81985
Benzo(g,h,i)perylene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 14:43	81985
Benzo(k)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 14:43	81985
Chrysene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 14:43	81985
Dibenzo(a,h)anthracene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 14:43	81985
Fluoranthene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 14:43	81985
Fluorene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 14:43	81985
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 14:43	81985
Naphthalene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 14:43	81985
Phenanthrene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 14:43	81985
Pyrene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 14:43	81985
Total PNAs except Naphthalene		0.00013		**ND**	mg/L	1	10/01/2012 14:43	81985
Surr: 2-Fluorobiphenyl		34.3-105		**71.4**	%REC	1	10/01/2012 14:43	81985
Surr: 2-Fluorophenol		19.9-55.7		**46.4**	%REC	1	10/01/2012 14:43	81985
Surr: Nitrobenzene-d5		36.4-127		**76.7**	%REC	1	10/01/2012 14:43	81985
Surr: Phenol-d5		8.95-38.5		**25.2**	%REC	1	10/01/2012 14:43	81985
Surr: p-Terphenyl-d14		6.05-133		**87.2**	%REC	1	10/01/2012 14:43	81985
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		**ND**	µg/L	1	09/28/2012 15:55	82069
Ethylbenzene	NELAP	5.0		**ND**	µg/L	1	09/28/2012 15:55	82069
Toluene	NELAP	5.0		**ND**	µg/L	1	09/28/2012 15:55	82069
Xylenes, Total	NELAP	5.0		**ND**	µg/L	1	09/28/2012 15:55	82069
Surr: 1,2-Dichloroethane-d4		74.7-129		**95.5**	%REC	1	09/28/2012 15:55	82069
Surr: 4-Bromofluorobenzene		86-119		**100.7**	%REC	1	09/28/2012 15:55	82069
Surr: Dibromofluoromethane		81.7-123		**99.9**	%REC	1	09/28/2012 15:55	82069
Surr: Toluene-d8		84.3-114		**99.2**	%REC	1	09/28/2012 15:55	82069

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

Lab ID: 12091310-021 **Client Sample ID:** UMW-108

Matrix: AQUEOUS **Collection Date:** 09/25/2012 8:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.007		**0.034**	mg/L	1	10/01/2012 14:15	82047
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
2-Methylnaphthalene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 15:18	82006
Acenaphthene	NELAP	0.00010		**0.00010**	mg/L	1	10/01/2012 15:18	82006
Acenaphthylene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 15:18	82006
Anthracene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 15:18	82006
Benzo(a)anthracene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 15:18	82006
Benzo(a)pyrene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 15:18	82006
Benzo(b)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 15:18	82006
Benzo(g,h,i)perylene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 15:18	82006
Benzo(k)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 15:18	82006
Chrysene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 15:18	82006
Dibenzo(a,h)anthracene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 15:18	82006
Fluoranthene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 15:18	82006
Fluorene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 15:18	82006
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 15:18	82006
Naphthalene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 15:18	82006
Phenanthrene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 15:18	82006
Pyrene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 15:18	82006
Total PNAs except Naphthalene		0.00013	J	**0.00010**	mg/L	1	10/01/2012 15:18	82006
Surr: 2-Fluorobiphenyl		34.3-105		**75.0**	%REC	1	10/01/2012 15:18	82006
Surr: 2-Fluorophenol		19.9-55.7		**46.9**	%REC	1	10/01/2012 15:18	82006
Surr: Nitrobenzene-d5		36.4-127		**78.6**	%REC	1	10/01/2012 15:18	82006
Surr: Phenol-d5		8.95-38.5		**28.3**	%REC	1	10/01/2012 15:18	82006
Surr: p-Terphenyl-d14		6.05-133		**92.1**	%REC	1	10/01/2012 15:18	82006
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		**ND**	µg/L	1	09/28/2012 16:22	82069
Ethylbenzene	NELAP	5.0		**ND**	µg/L	1	09/28/2012 16:22	82069
Toluene	NELAP	5.0		**ND**	µg/L	1	09/28/2012 16:22	82069
Xylenes, Total	NELAP	5.0		**ND**	µg/L	1	09/28/2012 16:22	82069
Surr: 1,2-Dichloroethane-d4		74.7-129		**96.1**	%REC	1	09/28/2012 16:22	82069
Surr: 4-Bromofluorobenzene		86-119		**100.8**	%REC	1	09/28/2012 16:22	82069
Surr: Dibromofluoromethane		81.7-123		**99.9**	%REC	1	09/28/2012 16:22	82069
Surr: Toluene-d8		84.3-114		**100.9**	%REC	1	09/28/2012 16:22	82069

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

Lab ID: 12091310-022 **Client Sample ID:** UMW-117

Matrix: AQUEOUS **Collection Date:** 09/25/2012 9:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.007		**< 0.007**	mg/L	1	10/01/2012 14:19	82047
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
2-Methylnaphthalene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 15:52	82006
Acenaphthene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 15:52	82006
Acenaphthylene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 15:52	82006
Anthracene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 15:52	82006
Benzo(a)anthracene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 15:52	82006
Benzo(a)pyrene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 15:52	82006
Benzo(b)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 15:52	82006
Benzo(g,h,i)perylene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 15:52	82006
Benzo(k)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 15:52	82006
Chrysene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 15:52	82006
Dibenzo(a,h)anthracene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 15:52	82006
Fluoranthene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 15:52	82006
Fluorene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 15:52	82006
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 15:52	82006
Naphthalene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 15:52	82006
Phenanthrene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 15:52	82006
Pyrene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 15:52	82006
Total PNAs except Naphthalene		0.00013		**ND**	mg/L	1	10/01/2012 15:52	82006
Surr: 2-Fluorobiphenyl		34.3-105		**74.9**	%REC	1	10/01/2012 15:52	82006
Surr: 2-Fluorophenol		19.9-55.7		**47.4**	%REC	1	10/01/2012 15:52	82006
Surr: Nitrobenzene-d5		36.4-127		**77.2**	%REC	1	10/01/2012 15:52	82006
Surr: Phenol-d5		8.95-38.5		**24.8**	%REC	1	10/01/2012 15:52	82006
Surr: p-Terphenyl-d14		6.05-133		**88.6**	%REC	1	10/01/2012 15:52	82006
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		**ND**	µg/L	1	09/28/2012 16:48	82069
Ethylbenzene	NELAP	5.0		**ND**	µg/L	1	09/28/2012 16:48	82069
Toluene	NELAP	5.0		**ND**	µg/L	1	09/28/2012 16:48	82069
Xylenes, Total	NELAP	5.0		**ND**	µg/L	1	09/28/2012 16:48	82069
Surr: 1,2-Dichloroethane-d4		74.7-129		**94.7**	%REC	1	09/28/2012 16:48	82069
Surr: 4-Bromofluorobenzene		86-119		**101.6**	%REC	1	09/28/2012 16:48	82069
Surr: Dibromofluoromethane		81.7-123		**99.9**	%REC	1	09/28/2012 16:48	82069
Surr: Toluene-d8		84.3-114		**100.2**	%REC	1	09/28/2012 16:48	82069

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

Lab ID: 12091310-023 **Client Sample ID:** UMW-116

Matrix: AQUEOUS **Collection Date:** 09/25/2012 11:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.007		**< 0.007**	mg/L	1	10/01/2012 14:24	82047
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
2-Methylnaphthalene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 16:27	82006
Acenaphthene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 16:27	82006
Acenaphthylene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 16:27	82006
Anthracene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 16:27	82006
Benzo(a)anthracene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 16:27	82006
Benzo(a)pyrene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 16:27	82006
Benzo(b)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 16:27	82006
Benzo(g,h,i)perylene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 16:27	82006
Benzo(k)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 16:27	82006
Chrysene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 16:27	82006
Dibenzo(a,h)anthracene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 16:27	82006
Fluoranthene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 16:27	82006
Fluorene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 16:27	82006
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 16:27	82006
Naphthalene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 16:27	82006
Phenanthrene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 16:27	82006
Pyrene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 16:27	82006
Total PNAs except Naphthalene		0.00013		**ND**	mg/L	1	10/01/2012 16:27	82006
Surr: 2-Fluorobiphenyl		34.3-105		**73.0**	%REC	1	10/01/2012 16:27	82006
Surr: 2-Fluorophenol		19.9-55.7		**46.4**	%REC	1	10/01/2012 16:27	82006
Surr: Nitrobenzene-d5		36.4-127		**76.1**	%REC	1	10/01/2012 16:27	82006
Surr: Phenol-d5		8.95-38.5		**25.5**	%REC	1	10/01/2012 16:27	82006
Surr: p-Terphenyl-d14		6.05-133		**87.4**	%REC	1	10/01/2012 16:27	82006
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		**ND**	µg/L	1	09/28/2012 18:09	82069
Ethylbenzene	NELAP	5.0		**ND**	µg/L	1	09/28/2012 18:09	82069
Toluene	NELAP	5.0		**ND**	µg/L	1	09/28/2012 18:09	82069
Xylenes, Total	NELAP	5.0		**ND**	µg/L	1	09/28/2012 18:09	82069
Surr: 1,2-Dichloroethane-d4		74.7-129		**96.1**	%REC	1	09/28/2012 18:09	82069
Surr: 4-Bromofluorobenzene		86-119		**101.0**	%REC	1	09/28/2012 18:09	82069
Surr: Dibromofluoromethane		81.7-123		**100.2**	%REC	1	09/28/2012 18:09	82069
Surr: Toluene-d8		84.3-114		**99.4**	%REC	1	09/28/2012 18:09	82069

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

Lab ID: 12091310-024 **Client Sample ID:** UMW-107

Matrix: AQUEOUS **Collection Date:** 09/25/2012 13:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.140		**0.778**	mg/L	20	10/01/2012 21:03	82047
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
2-Methylnaphthalene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 17:01	82006
Acenaphthene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 17:01	82006
Acenaphthylene	NELAP	0.00010		**0.00017**	mg/L	1	10/01/2012 17:01	82006
Anthracene	NELAP	0.00010		**0.00017**	mg/L	1	10/01/2012 17:01	82006
Benzo(a)anthracene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 17:01	82006
Benzo(a)pyrene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 17:01	82006
Benzo(b)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 17:01	82006
Benzo(g,h,i)perylene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 17:01	82006
Benzo(k)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 17:01	82006
Chrysene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 17:01	82006
Dibenzo(a,h)anthracene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 17:01	82006
Fluoranthene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 17:01	82006
Fluorene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 17:01	82006
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 17:01	82006
Naphthalene	NELAP	0.00010		**0.00774**	mg/L	1	10/01/2012 17:01	82006
Phenanthrene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 17:01	82006
Pyrene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 17:01	82006
Total PNAs except Naphthalene		0.00013		**0.00034**	mg/L	1	10/01/2012 17:01	82006
Surr: 2-Fluorobiphenyl		34.3-105		**71.4**	%REC	1	10/01/2012 17:01	82006
Surr: 2-Fluorophenol		19.9-55.7		**44.9**	%REC	1	10/01/2012 17:01	82006
Surr: Nitrobenzene-d5		36.4-127		**78.8**	%REC	1	10/01/2012 17:01	82006
Surr: Phenol-d5		8.95-38.5		**26.3**	%REC	1	10/01/2012 17:01	82006
Surr: p-Terphenyl-d14		6.05-133		**73.2**	%REC	1	10/01/2012 17:01	82006
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	20.0		**60.4**	µg/L	10	09/28/2012 18:36	82069
Ethylbenzene	NELAP	50.0		**ND**	µg/L	10	09/28/2012 18:36	82069
Toluene	NELAP	50.0		**ND**	µg/L	10	09/28/2012 18:36	82069
Xylenes, Total	NELAP	50.0		**ND**	µg/L	10	09/28/2012 18:36	82069
Surr: 1,2-Dichloroethane-d4		74.7-129		**95.9**	%REC	10	09/28/2012 18:36	82069
Surr: 4-Bromofluorobenzene		86-119		**100.2**	%REC	10	09/28/2012 18:36	82069
Surr: Dibromofluoromethane		81.7-123		**99.1**	%REC	10	09/28/2012 18:36	82069
Surr: Toluene-d8		84.3-114		**99.4**	%REC	10	09/28/2012 18:36	82069

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

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

Lab ID: 12091310-025 **Client Sample ID:** UMW-111A

Matrix: AQUEOUS **Collection Date:** 09/25/2012 15:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.007		**< 0.007**	mg/L	1	10/01/2012 14:32	82047
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
2-Methylnaphthalene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 17:36	82006
Acenaphthene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 17:36	82006
Acenaphthylene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 17:36	82006
Anthracene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 17:36	82006
Benzo(a)anthracene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 17:36	82006
Benzo(a)pyrene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 17:36	82006
Benzo(b)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 17:36	82006
Benzo(g,h,i)perylene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 17:36	82006
Benzo(k)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 17:36	82006
Chrysene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 17:36	82006
Dibenzo(a,h)anthracene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 17:36	82006
Fluoranthene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 17:36	82006
Fluorene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 17:36	82006
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 17:36	82006
Naphthalene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 17:36	82006
Phenanthrene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 17:36	82006
Pyrene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 17:36	82006
Total PNAs except Naphthalene		0.00013		**ND**	mg/L	1	10/01/2012 17:36	82006
Surr: 2-Fluorobiphenyl		34.3-105		**73.4**	%REC	1	10/01/2012 17:36	82006
Surr: 2-Fluorophenol		19.9-55.7		**46.6**	%REC	1	10/01/2012 17:36	82006
Surr: Nitrobenzene-d5		36.4-127		**77.0**	%REC	1	10/01/2012 17:36	82006
Surr: Phenol-d5		8.95-38.5		**25.2**	%REC	1	10/01/2012 17:36	82006
Surr: p-Terphenyl-d14		6.05-133		**87.6**	%REC	1	10/01/2012 17:36	82006
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		**ND**	µg/L	1	09/28/2012 19:02	82069
Ethylbenzene	NELAP	5.0		**ND**	µg/L	1	09/28/2012 19:02	82069
Toluene	NELAP	5.0		**ND**	µg/L	1	09/28/2012 19:02	82069
Xylenes, Total	NELAP	5.0		**ND**	µg/L	1	09/28/2012 19:02	82069
Surr: 1,2-Dichloroethane-d4		74.7-129		**94.8**	%REC	1	09/28/2012 19:02	82069
Surr: 4-Bromofluorobenzene		86-119		**100.5**	%REC	1	09/28/2012 19:02	82069
Surr: Dibromofluoromethane		81.7-123		**99.1**	%REC	1	09/28/2012 19:02	82069
Surr: Toluene-d8		84.3-114		**98.8**	%REC	1	09/28/2012 19:02	82069

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

Lab ID: 12091310-026 **Client Sample ID:** UMW-118

Matrix: AQUEOUS **Collection Date:** 09/26/2012 8:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.028		**0.055**	mg/L	4	10/01/2012 21:29	82049
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
2-Methylnaphthalene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 18:11	82006
Acenaphthene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 18:11	82006
Acenaphthylene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 18:11	82006
Anthracene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 18:11	82006
Benzo(a)anthracene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 18:11	82006
Benzo(a)pyrene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 18:11	82006
Benzo(b)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 18:11	82006
Benzo(g,h,i)perylene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 18:11	82006
Benzo(k)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 18:11	82006
Chrysene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 18:11	82006
Dibenzo(a,h)anthracene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 18:11	82006
Fluoranthene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 18:11	82006
Fluorene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 18:11	82006
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 18:11	82006
Naphthalene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 18:11	82006
Phenanthrene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 18:11	82006
Pyrene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 18:11	82006
Total PNAs except Naphthalene		0.00013		**ND**	mg/L	1	10/01/2012 18:11	82006
Surr: 2-Fluorobiphenyl		34.3-105		**69.8**	%REC	1	10/01/2012 18:11	82006
Surr: 2-Fluorophenol		19.9-55.7		**44.0**	%REC	1	10/01/2012 18:11	82006
Surr: Nitrobenzene-d5		36.4-127		**72.2**	%REC	1	10/01/2012 18:11	82006
Surr: Phenol-d5		8.95-38.5		**24.5**	%REC	1	10/01/2012 18:11	82006
Surr: p-Terphenyl-d14		6.05-133		**85.9**	%REC	1	10/01/2012 18:11	82006
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		**ND**	µg/L	1	09/28/2012 19:29	82069
Ethylbenzene	NELAP	5.0		**ND**	µg/L	1	09/28/2012 19:29	82069
Toluene	NELAP	5.0		**ND**	µg/L	1	09/28/2012 19:29	82069
Xylenes, Total	NELAP	5.0		**ND**	µg/L	1	09/28/2012 19:29	82069
Surr: 1,2-Dichloroethane-d4		74.7-129		**95.5**	%REC	1	09/28/2012 19:29	82069
Surr: 4-Bromofluorobenzene		86-119		**99.6**	%REC	1	09/28/2012 19:29	82069
Surr: Dibromofluoromethane		81.7-123		**99.2**	%REC	1	09/28/2012 19:29	82069
Surr: Toluene-d8		84.3-114		**99.9**	%REC	1	09/28/2012 19:29	82069

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

Lab ID: 12091310-027 **Client Sample ID:** UMW-109

Matrix: AQUEOUS **Collection Date:** 09/26/2012 10:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.007		**0.015**	mg/L	1	10/01/2012 15:33	82049
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
2-Methylnaphthalene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 18:45	82006
Acenaphthene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 18:45	82006
Acenaphthylene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 18:45	82006
Anthracene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 18:45	82006
Benzo(a)anthracene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 18:45	82006
Benzo(a)pyrene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 18:45	82006
Benzo(b)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 18:45	82006
Benzo(g,h,i)perylene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 18:45	82006
Benzo(k)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 18:45	82006
Chrysene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 18:45	82006
Dibenzo(a,h)anthracene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 18:45	82006
Fluoranthene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 18:45	82006
Fluorene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 18:45	82006
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 18:45	82006
Naphthalene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 18:45	82006
Phenanthrene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 18:45	82006
Pyrene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 18:45	82006
Total PNAs except Naphthalene		0.00013		**ND**	mg/L	1	10/01/2012 18:45	82006
Surr: 2-Fluorobiphenyl		34.3-105		**73.6**	%REC	1	10/01/2012 18:45	82006
Surr: 2-Fluorophenol		19.9-55.7		**47.3**	%REC	1	10/01/2012 18:45	82006
Surr: Nitrobenzene-d5		36.4-127		**77.2**	%REC	1	10/01/2012 18:45	82006
Surr: Phenol-d5		8.95-38.5		**25.6**	%REC	1	10/01/2012 18:45	82006
Surr: p-Terphenyl-d14		6.05-133		**89.6**	%REC	1	10/01/2012 18:45	82006
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		**ND**	µg/L	1	09/28/2012 19:56	82069
Ethylbenzene	NELAP	5.0		**ND**	µg/L	1	09/28/2012 19:56	82069
Toluene	NELAP	5.0		**ND**	µg/L	1	09/28/2012 19:56	82069
Xylenes, Total	NELAP	5.0		**ND**	µg/L	1	09/28/2012 19:56	82069
Surr: 1,2-Dichloroethane-d4		74.7-129		**95.3**	%REC	1	09/28/2012 19:56	82069
Surr: 4-Bromofluorobenzene		86-119		**99.0**	%REC	1	09/28/2012 19:56	82069
Surr: Dibromofluoromethane		81.7-123		**99.8**	%REC	1	09/28/2012 19:56	82069
Surr: Toluene-d8		84.3-114		**99.5**	%REC	1	09/28/2012 19:56	82069

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

Lab ID: 12091310-028 **Client Sample ID:** UMW-304R

Matrix: AQUEOUS **Collection Date:** 09/26/2012 13:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.007		**0.008**	mg/L	1	10/01/2012 15:37	82049
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
2-Methylnaphthalene	NELAP	0.00010		**0.00182**	mg/L	1	10/01/2012 19:20	82006
Acenaphthene	NELAP	0.00010		**0.00068**	mg/L	1	10/01/2012 19:20	82006
Acenaphthylene	NELAP	0.00010		**0.00197**	mg/L	1	10/01/2012 19:20	82006
Anthracene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 19:20	82006
Benzo(a)anthracene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 19:20	82006
Benzo(a)pyrene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 19:20	82006
Benzo(b)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 19:20	82006
Benzo(g,h,i)perylene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 19:20	82006
Benzo(k)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 19:20	82006
Chrysene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 19:20	82006
Dibenzo(a,h)anthracene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 19:20	82006
Fluoranthene	NELAP	0.00010		**0.00011**	mg/L	1	10/01/2012 19:20	82006
Fluorene	NELAP	0.00010		**0.00028**	mg/L	1	10/01/2012 19:20	82006
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 19:20	82006
Naphthalene	NELAP	0.00010		**0.00858**	mg/L	1	10/01/2012 19:20	82006
Phenanthrene	NELAP	0.00010		**0.00052**	mg/L	1	10/01/2012 19:20	82006
Pyrene	NELAP	0.00010		**0.00015**	mg/L	1	10/01/2012 19:20	82006
Total PNAs except Naphthalene		0.00013		**0.00370**	mg/L	1	10/01/2012 19:20	82006
Surr: 2-Fluorobiphenyl		34.3-105		**68.8**	%REC	1	10/01/2012 19:20	82006
Surr: 2-Fluorophenol		19.9-55.7		**44.4**	%REC	1	10/01/2012 19:20	82006
Surr: Nitrobenzene-d5		36.4-127		**73.0**	%REC	1	10/01/2012 19:20	82006
Surr: Phenol-d5		8.95-38.5		**21.8**	%REC	1	10/01/2012 19:20	82006
Surr: p-Terphenyl-d14		6.05-133		**80.2**	%REC	1	10/01/2012 19:20	82006
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0	J	**1.2**	µg/L	1	10/01/2012 16:01	82117
Ethylbenzene	NELAP	5.0		**ND**	µg/L	1	10/01/2012 16:01	82117
Toluene	NELAP	5.0	J	**2.4**	µg/L	1	10/01/2012 16:01	82117
Xylenes, Total	NELAP	5.0	J	**3.3**	µg/L	1	10/01/2012 16:01	82117
Surr: 1,2-Dichloroethane-d4		74.7-129		**96.0**	%REC	1	10/01/2012 16:01	82117
Surr: 4-Bromofluorobenzene		86-119		**101.8**	%REC	1	10/01/2012 16:01	82117
Surr: Dibromofluoromethane		81.7-123		**99.2**	%REC	1	10/01/2012 16:01	82117
Surr: Toluene-d8		84.3-114		**100.4**	%REC	1	10/01/2012 16:01	82117

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

Lab ID: 12091310-029 **Client Sample ID:** UMW-308

Matrix: AQUEOUS **Collection Date:** 09/26/2012 14:20

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 9012A (TOTAL)								
Cyanide	NELAP	0.007		**0.008**	mg/L	1	10/01/2012 15:42	82049
SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
2-Methylnaphthalene	NELAP	0.00010		**0.00012**	mg/L	1	10/01/2012 19:55	82006
Acenaphthene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 19:55	82006
Acenaphthylene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 19:55	82006
Anthracene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 19:55	82006
Benzo(a)anthracene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 19:55	82006
Benzo(a)pyrene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 19:55	82006
Benzo(b)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 19:55	82006
Benzo(g,h,i)perylene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 19:55	82006
Benzo(k)fluoranthene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 19:55	82006
Chrysene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 19:55	82006
Dibenzo(a,h)anthracene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 19:55	82006
Fluoranthene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 19:55	82006
Fluorene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 19:55	82006
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 19:55	82006
Naphthalene	NELAP	0.00010		**0.00854**	mg/L	1	10/01/2012 19:55	82006
Phenanthrene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 19:55	82006
Pyrene	NELAP	0.00010		**ND**	mg/L	1	10/01/2012 19:55	82006
Total PNAs except Naphthalene		0.00013		**ND**	mg/L	1	10/01/2012 19:55	82006
Surr: 2-Fluorobiphenyl		34.3-105		**71.5**	%REC	1	10/01/2012 19:55	82006
Surr: 2-Fluorophenol		19.9-55.7		**36.8**	%REC	1	10/01/2012 19:55	82006
Surr: Nitrobenzene-d5		36.4-127		**74.1**	%REC	1	10/01/2012 19:55	82006
Surr: Phenol-d5		8.95-38.5		**20.3**	%REC	1	10/01/2012 19:55	82006
Surr: p-Terphenyl-d14		6.05-133		**79.2**	%REC	1	10/01/2012 19:55	82006
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		**ND**	µg/L	1	09/28/2012 15:28	82069
Ethylbenzene	NELAP	5.0	J	**1.3**	µg/L	1	09/28/2012 15:28	82069
Toluene	NELAP	5.0		**ND**	µg/L	1	09/28/2012 15:28	82069
Xylenes, Total	NELAP	5.0		**ND**	µg/L	1	09/28/2012 15:28	82069
Surr: 1,2-Dichloroethane-d4		74.7-129		**95.9**	%REC	1	09/28/2012 15:28	82069
Surr: 4-Bromofluorobenzene		86-119		**101.5**	%REC	1	09/28/2012 15:28	82069
Surr: Dibromofluoromethane		81.7-123		**99.6**	%REC	1	09/28/2012 15:28	82069
Surr: Toluene-d8		84.3-114		**101.0**	%REC	1	09/28/2012 15:28	82069

Client: PSC Industrial Outsourcing, LP
Work Order: 12091310
Client Project: Ameren Champaign MGP
Report Date: 03-Oct-12
Lab ID: 12091310-030
Client Sample ID: Trip Blank
Matrix: AQUEOUS
Collection Date: 09/24/2012 8:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Benzene	NELAP	2.0		**ND**	µg/L	1	09/28/2012 15:01	82069
Ethylbenzene	NELAP	5.0		**ND**	µg/L	1	09/28/2012 15:01	82069
Toluene	NELAP	5.0		**ND**	µg/L	1	09/28/2012 15:01	82069
Xylenes, Total	NELAP	5.0		**ND**	µg/L	1	09/28/2012 15:01	82069
Surr: 1,2-Dichloroethane-d4		74.7-129		**95.4**	%REC	1	09/28/2012 15:01	82069
Surr: 4-Bromofluorobenzene		86-119		**99.8**	%REC	1	09/28/2012 15:01	82069
Surr: Dibromofluoromethane		81.7-123		**98.9**	%REC	1	09/28/2012 15:01	82069
Surr: Toluene-d8		84.3-114		**100.3**	%REC	1	09/28/2012 15:01	82069

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
12091310-001	UMW-305	Aqueous	3	09/24/2012 14:05
12091310-002	UMW-306	Aqueous	3	09/24/2012 15:00
12091310-003	UMW-307	Aqueous	3	09/24/2012 15:30
12091310-004	UMW-303	Aqueous	3	09/24/2012 16:05
12091310-005	UMW-106	Aqueous	3	09/25/2012 10:45
12091310-006	UMW-121	Aqueous	3	09/25/2012 14:00
12091310-007	UMW-105	Aqueous	3	09/25/2012 14:40
12091310-008	UMW-302	Aqueous	3	09/25/2012 15:35
12091310-009	UMW-300	Aqueous	3	09/25/2012 16:20
12091310-010	DUPLICATE 01	Aqueous	3	09/24/2012 19:00
12091310-011	UMW-123	Aqueous	3	09/26/2012 8:35
12091310-012	UMW-125	Aqueous	3	09/26/2012 9:45
12091310-013	UMW-124	Aqueous	3	09/26/2012 10:35
12091310-014	UMW-127	Aqueous	3	09/26/2012 12:20
12091310-015	UMW-126	Aqueous	3	09/26/2012 13:20
12091310-016	UMW-301R	Aqueous	3	09/26/2012 14:00
12091310-017	DUPLICATE 02	Aqueous	3	09/25/2012 19:00
12091310-018	UMW-102	Aqueous	3	09/24/2012 14:15
12091310-019	UMW-120	Aqueous	3	09/24/2012 15:05
12091310-020	UMW-119	Aqueous	3	09/24/2012 16:05
12091310-021	UMW-108	Aqueous	3	09/25/2012 8:15
12091310-022	UMW-117	Aqueous	3	09/25/2012 9:25
12091310-023	UMW-116	Aqueous	3	09/25/2012 11:00
12091310-024	UMW-107	Aqueous	3	09/25/2012 13:10
12091310-025	UMW-111A	Aqueous	3	09/25/2012 15:15
12091310-026	UMW-118	Aqueous	3	09/26/2012 8:50
12091310-027	UMW-109	Aqueous	3	09/26/2012 10:00
12091310-028	UMW-304R	Aqueous	3	09/26/2012 13:00
12091310-029	UMW-308	Aqueous	3	09/26/2012 14:20
12091310-030	Trip Blank	Aqueous	1	09/24/2012 8:00

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
12091310-001A	UMW-305	09/24/2012 14:05	09/27/2012 13:00		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			09/27/2012 19:56	09/28/2012 12:03
12091310-001B	UMW-305	09/24/2012 14:05	09/27/2012 13:00		
	SW-846 9012A (Total)			09/27/2012 20:15	09/28/2012 12:20
12091310-001C	UMW-305	09/24/2012 14:05	09/27/2012 13:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/27/2012 18:52
12091310-002A	UMW-306	09/24/2012 15:00	09/27/2012 13:00		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			09/27/2012 19:56	09/28/2012 12:37
12091310-002B	UMW-306	09/24/2012 15:00	09/27/2012 13:00		
	SW-846 9012A (Total)			09/27/2012 20:15	09/28/2012 12:24
12091310-002C	UMW-306	09/24/2012 15:00	09/27/2012 13:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/27/2012 19:19
12091310-003A	UMW-307	09/24/2012 15:30	09/27/2012 13:00		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			09/27/2012 19:56	09/28/2012 13:12
12091310-003B	UMW-307	09/24/2012 15:30	09/27/2012 13:00		
	SW-846 9012A (Total)			09/27/2012 20:15	09/28/2012 12:33
12091310-003C	UMW-307	09/24/2012 15:30	09/27/2012 13:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/27/2012 19:45
12091310-004A	UMW-303	09/24/2012 16:05	09/27/2012 13:00		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			09/27/2012 19:56	09/28/2012 13:46
12091310-004B	UMW-303	09/24/2012 16:05	09/27/2012 13:00		
	SW-846 9012A (Total)			09/27/2012 20:15	09/28/2012 12:37
12091310-004C	UMW-303	09/24/2012 16:05	09/27/2012 13:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/27/2012 20:12
12091310-005A	UMW-106	09/25/2012 10:45	09/27/2012 13:00		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			09/27/2012 19:56	09/28/2012 14:20
12091310-005B	UMW-106	09/25/2012 10:45	09/27/2012 13:00		
	SW-846 9012A (Total)			09/27/2012 20:15	09/28/2012 12:42
12091310-005C	UMW-106	09/25/2012 10:45	09/27/2012 13:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/27/2012 20:39
12091310-006A	UMW-121	09/25/2012 14:00	09/27/2012 13:00		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			09/27/2012 19:56	09/28/2012 14:55
12091310-006B	UMW-121	09/25/2012 14:00	09/27/2012 13:00		
	SW-846 9012A (Total)			09/28/2012 15:35	10/01/2012 18:01
12091310-006C	UMW-121	09/25/2012 14:00	09/27/2012 13:00		

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/27/2012 21:06
12091310-007A	UMW-105	09/25/2012 14:40	09/27/2012 13:00		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			09/27/2012 19:56	09/28/2012 15:29
12091310-007B	UMW-105	09/25/2012 14:40	09/27/2012 13:00		
	SW-846 9012A (Total)			09/27/2012 20:15	09/28/2012 14:56
12091310-007C	UMW-105	09/25/2012 14:40	09/27/2012 13:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/27/2012 21:33
12091310-008A	UMW-302	09/25/2012 15:35	09/27/2012 13:00		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			09/27/2012 19:56	09/28/2012 16:04
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			09/27/2012 19:56	10/01/2012 11:49
12091310-008B	UMW-302	09/25/2012 15:35	09/27/2012 13:00		
	SW-846 9012A (Total)			09/27/2012 20:15	09/28/2012 15:00
12091310-008C	UMW-302	09/25/2012 15:35	09/27/2012 13:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/27/2012 22:00
12091310-009A	UMW-300	09/25/2012 16:20	09/27/2012 13:00		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			09/27/2012 19:56	09/28/2012 16:38
12091310-009B	UMW-300	09/25/2012 16:20	09/27/2012 13:00		
	SW-846 9012A (Total)			09/27/2012 20:15	09/28/2012 13:38
12091310-009C	UMW-300	09/25/2012 16:20	09/27/2012 13:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/27/2012 22:27
12091310-010A	DUPLICATE 01	09/24/2012 19:00	09/27/2012 13:00		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			09/27/2012 19:56	09/28/2012 17:12
12091310-010B	DUPLICATE 01	09/24/2012 19:00	09/27/2012 13:00		
	SW-846 9012A (Total)			09/27/2012 20:15	09/28/2012 13:42
12091310-010C	DUPLICATE 01	09/24/2012 19:00	09/27/2012 13:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/27/2012 22:53
12091310-011A	UMW-123	09/26/2012 8:35	09/27/2012 13:00		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			09/27/2012 19:56	09/28/2012 22:17
12091310-011B	UMW-123	09/26/2012 8:35	09/27/2012 13:00		
	SW-846 9012A (Total)			09/27/2012 20:15	09/28/2012 13:47
12091310-011C	UMW-123	09/26/2012 8:35	09/27/2012 13:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/27/2012 23:20
12091310-012A	UMW-125	09/26/2012 9:45	09/27/2012 13:00		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			09/27/2012 19:56	09/29/2012 3:03
12091310-012B	UMW-125	09/26/2012 9:45	09/27/2012 13:00		

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
	SW-846 9012A (Total)			09/28/2012 15:35	10/01/2012 12:40
12091310-012C	UMW-125	09/26/2012 9:45	09/27/2012 13:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/28/2012 2:55
12091310-013A	UMW-124	09/26/2012 10:35	09/27/2012 13:00		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			09/27/2012 19:56	09/29/2012 3:38
12091310-013B	UMW-124	09/26/2012 10:35	09/27/2012 13:00		
	SW-846 9012A (Total)			09/28/2012 15:35	10/01/2012 13:06
12091310-013C	UMW-124	09/26/2012 10:35	09/27/2012 13:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/28/2012 3:22
12091310-014A	UMW-127	09/26/2012 12:20	09/27/2012 13:00		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			09/28/2012 10:17	09/29/2012 4:14
12091310-014B	UMW-127	09/26/2012 12:20	09/27/2012 13:00		
	SW-846 9012A (Total)			09/28/2012 15:35	10/01/2012 13:10
12091310-014C	UMW-127	09/26/2012 12:20	09/27/2012 13:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/28/2012 3:49
12091310-015A	UMW-126	09/26/2012 13:20	09/27/2012 13:00		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			09/28/2012 10:17	09/28/2012 17:46
12091310-015B	UMW-126	09/26/2012 13:20	09/27/2012 13:00		
	SW-846 9012A (Total)			09/28/2012 15:35	10/01/2012 13:14
12091310-015C	UMW-126	09/26/2012 13:20	09/27/2012 13:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/27/2012 23:47
12091310-016A	UMW-301R	09/26/2012 14:00	09/27/2012 13:00		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			09/28/2012 10:17	09/28/2012 18:20
12091310-016B	UMW-301R	09/26/2012 14:00	09/27/2012 13:00		
	SW-846 9012A (Total)			09/28/2012 15:35	10/01/2012 13:19
12091310-016C	UMW-301R	09/26/2012 14:00	09/27/2012 13:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/28/2012 0:14
12091310-017A	DUPLICATE 02	09/25/2012 19:00	09/27/2012 13:00		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			09/28/2012 10:17	09/28/2012 20:04
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			09/28/2012 10:17	10/01/2012 12:24
12091310-017B	DUPLICATE 02	09/25/2012 19:00	09/27/2012 13:00		
	SW-846 9012A (Total)			09/28/2012 15:35	10/01/2012 20:58
12091310-017C	DUPLICATE 02	09/25/2012 19:00	09/27/2012 13:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/28/2012 1:35
12091310-018A	UMW-102	09/24/2012 14:15	09/27/2012 13:00		

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			09/28/2012 10:17	10/01/2012 13:34
12091310-018B	UMW-102	09/24/2012 14:15	09/27/2012 13:00		
	SW-846 9012A (Total)			09/28/2012 15:35	10/01/2012 13:40
12091310-018C	UMW-102	09/24/2012 14:15	09/27/2012 13:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/28/2012 2:01
12091310-019A	UMW-120	09/24/2012 15:05	09/27/2012 13:00		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			09/28/2012 10:17	10/01/2012 14:08
12091310-019B	UMW-120	09/24/2012 15:05	09/27/2012 13:00		
	SW-846 9012A (Total)			09/28/2012 15:35	10/01/2012 13:45
12091310-019C	UMW-120	09/24/2012 15:05	09/27/2012 13:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/28/2012 2:28
12091310-020A	UMW-119	09/24/2012 16:05	09/27/2012 13:00		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			09/28/2012 10:17	10/01/2012 14:43
12091310-020B	UMW-119	09/24/2012 16:05	09/27/2012 13:00		
	SW-846 9012A (Total)			09/28/2012 15:35	10/01/2012 14:11
12091310-020C	UMW-119	09/24/2012 16:05	09/27/2012 13:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/28/2012 15:55
12091310-021A	UMW-108	09/25/2012 8:15	09/27/2012 13:00		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			09/28/2012 13:10	10/01/2012 15:18
12091310-021B	UMW-108	09/25/2012 8:15	09/27/2012 13:00		
	SW-846 9012A (Total)			09/28/2012 15:35	10/01/2012 14:15
12091310-021C	UMW-108	09/25/2012 8:15	09/27/2012 13:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/28/2012 16:22
12091310-022A	UMW-117	09/25/2012 9:25	09/27/2012 13:00		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			09/28/2012 13:10	10/01/2012 15:52
12091310-022B	UMW-117	09/25/2012 9:25	09/27/2012 13:00		
	SW-846 9012A (Total)			09/28/2012 15:35	10/01/2012 14:19
12091310-022C	UMW-117	09/25/2012 9:25	09/27/2012 13:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/28/2012 16:48
12091310-023A	UMW-116	09/25/2012 11:00	09/27/2012 13:00		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			09/28/2012 13:10	10/01/2012 16:27
12091310-023B	UMW-116	09/25/2012 11:00	09/27/2012 13:00		
	SW-846 9012A (Total)			09/28/2012 15:35	10/01/2012 14:24
12091310-023C	UMW-116	09/25/2012 11:00	09/27/2012 13:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/28/2012 18:09

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
12091310-024A	UMW-107	09/25/2012 13:10	09/27/2012 13:00		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			09/28/2012 13:10	10/01/2012 17:01
12091310-024B	UMW-107	09/25/2012 13:10	09/27/2012 13:00		
	SW-846 9012A (Total)			09/28/2012 15:35	10/01/2012 21:03
12091310-024C	UMW-107	09/25/2012 13:10	09/27/2012 13:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/28/2012 18:36
12091310-025A	UMW-111A	09/25/2012 15:15	09/27/2012 13:00		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			09/28/2012 13:10	10/01/2012 17:36
12091310-025B	UMW-111A	09/25/2012 15:15	09/27/2012 13:00		
	SW-846 9012A (Total)			09/28/2012 15:35	10/01/2012 14:32
12091310-025C	UMW-111A	09/25/2012 15:15	09/27/2012 13:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/28/2012 19:02
12091310-026A	UMW-118	09/26/2012 8:50	09/27/2012 13:00		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			09/28/2012 13:10	10/01/2012 18:11
12091310-026B	UMW-118	09/26/2012 8:50	09/27/2012 13:00		
	SW-846 9012A (Total)			09/28/2012 18:40	10/01/2012 21:29
12091310-026C	UMW-118	09/26/2012 8:50	09/27/2012 13:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/28/2012 19:29
12091310-027A	UMW-109	09/26/2012 10:00	09/27/2012 13:00		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			09/28/2012 13:10	10/01/2012 18:45
12091310-027B	UMW-109	09/26/2012 10:00	09/27/2012 13:00		
	SW-846 9012A (Total)			09/28/2012 18:40	10/01/2012 15:33
12091310-027C	UMW-109	09/26/2012 10:00	09/27/2012 13:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/28/2012 19:56
12091310-028A	UMW-304R	09/26/2012 13:00	09/27/2012 13:00		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			09/28/2012 13:10	10/01/2012 19:20
12091310-028B	UMW-304R	09/26/2012 13:00	09/27/2012 13:00		
	SW-846 9012A (Total)			09/28/2012 18:40	10/01/2012 15:37
12091310-028C	UMW-304R	09/26/2012 13:00	09/27/2012 13:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/01/2012 16:01
12091310-029A	UMW-308	09/26/2012 14:20	09/27/2012 13:00		
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS			09/28/2012 13:10	10/01/2012 19:55
12091310-029B	UMW-308	09/26/2012 14:20	09/27/2012 13:00		
	SW-846 9012A (Total)			09/28/2012 18:40	10/01/2012 15:42
12091310-029C	UMW-308	09/26/2012 14:20	09/27/2012 13:00		

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

Sample ID	Client Sample ID	Collection Date	Received Date		
	Test Name			Prep Date/Time	Analysis Date/Time
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/28/2012 15:28
12091310-030A	Trip Blank	09/24/2012 8:00	09/27/2012 13:00		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				09/28/2012 15:01

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

SW-846 9012A (TOTAL)

Batch 81998 **SampType:** MBLK Units **mg/L**

SampID: MBLK 120927 TCN1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide	0.007		**< 0.007**						09/28/2012

Batch 81998 **SampType:** LCS Units **mg/L**

SampID: LCS 120927 TCN1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide	0.007		**0.025**	0.025	0	99.4	90	110	09/28/2012

Batch 82047 **SampType:** MBLK Units **mg/L**

SampID: MBLK 120928 TCN1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide	0.007		**< 0.007**						10/01/2012

Batch 82047 **SampType:** LCS Units **mg/L**

SampID: LCS 120928 TCN1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide	0.007		**0.026**	0.025	0	104.8	85	115	10/01/2012

Batch 82047 **SampType:** MS Units **mg/L**

SampID: 12091310-006BMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide	0.070		**0.172**	0.025	0.1452	105.3	75	125	10/01/2012

Batch 82047 **SampType:** MSD Units **mg/L** RPD Limit **15**

SampID: 12091310-006BMSD

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide	0.070	S	**0.177**	0.025	0.1452	128.3	0.1716	3.29	10/01/2012

Batch 82047 **SampType:** MS Units **mg/L**

SampID: 12091310-016BMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide	0.007		**0.027**	0.025	0	106.7	75	125	10/01/2012

Batch 82047 **SampType:** MSD Units **mg/L** RPD Limit **15**

SampID: 12091310-016BMSD

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide	0.007		**0.026**	0.025	0	103.4	0.02668	3.18	10/01/2012

Batch 82049 **SampType:** MBLK Units **mg/L**

SampID: MBLK 120928 TCN2

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide	0.007		**< 0.007**						10/01/2012

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

SW-846 9012A (TOTAL)

Batch 82049 **SampType:** LCS Units **mg/L**

SampID: LCS 120928 TCN2

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide	0.007		**0.025**	0.025	0	100.0	85	115	10/01/2012

Batch 82049 **SampType:** MS Units **mg/L**

SampID: 12091310-026BMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Cyanide	0.028		**0.081**	0.025	0.05538	104.3	75	125	10/01/2012

Batch 82049 **SampType:** MSD Units **mg/L** RPD Limit **15**

SampID: 12091310-026BMSD

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Cyanide	0.028		**0.082**	0.025	0.05538	104.5	0.08145	0.07	10/01/2012

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

Batch 81985 **SampType:** MBLK Units **mg/L**

SampID: MB-81985

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
2-Methylnaphthalene	0.00010		**ND**						09/28/2012
Acenaphthene	0.00010		**ND**						09/28/2012
Acenaphthylene	0.00010		**ND**						09/28/2012
Anthracene	0.00010		**ND**						09/28/2012
Benzo(a)anthracene	0.00010		**ND**						09/28/2012
Benzo(a)pyrene	0.00010		**ND**						09/28/2012
Benzo(b)fluoranthene	0.00010		**ND**						09/28/2012
Benzo(g,h,i)perylene	0.00010		**ND**						09/28/2012
Benzo(k)fluoranthene	0.00010		**ND**						09/28/2012
Chrysene	0.00010		**ND**						09/28/2012
Dibenzo(a,h)anthracene	0.00010		**ND**						09/28/2012
Fluoranthene	0.00010		**ND**						09/28/2012
Fluorene	0.00010		**ND**						09/28/2012
Indeno(1,2,3-cd)pyrene	0.00010		**ND**						09/28/2012
Naphthalene	0.00010		**ND**						09/28/2012
Phenanthrene	0.00010		**ND**						09/28/2012
Pyrene	0.00010		**ND**						09/28/2012
Total PNAs except Naphthalene	0.00013		**ND**						09/28/2012
Surr: 2-Fluorobiphenyl			**0.00382**	0.00500		76.4	45.4	97.6	09/28/2012
Surr: 2-Fluorophenol			**0.00542**	0.0100		54.2	24.9	63.7	09/28/2012
Surr: Nitrobenzene-d5			**0.00421**	0.00500		84.3	45.2	108	09/28/2012
Surr: Phenol-d5			**0.00314**	0.0100		31.4	15.5	39.5	09/28/2012
Surr: p-Terphenyl-d14			**0.00485**	0.00500		96.9	46	127	09/28/2012

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

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

Batch **81985** **SampType:** **LCS** Units **mg/L**

SampID: LCS-81985

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
2-Methylnaphthalene	0.00010		**0.00374**	0.00500	0	74.7	50	150	09/28/2012
Acenaphthene	0.00010		**0.00392**	0.00500	0	78.5	50.1	103	09/28/2012
Acenaphthylene	0.00010		**0.00380**	0.00500	0	76.0	53.3	122	09/28/2012
Anthracene	0.00010		**0.00358**	0.00500	0	71.7	57.4	110	09/28/2012
Benzo(a)anthracene	0.00010		**0.00390**	0.00500	0	78.1	59.1	112	09/28/2012
Benzo(a)pyrene	0.00010		**0.00372**	0.00500	0	74.4	55.4	125	09/28/2012
Benzo(b)fluoranthene	0.00010		**0.00381**	0.00500	0	76.2	59.3	127	09/28/2012
Benzo(g,h,i)perylene	0.00010		**0.00367**	0.00500	0	73.4	58.4	125	09/28/2012
Benzo(k)fluoranthene	0.00010		**0.00385**	0.00500	0	77.0	61.5	125	09/28/2012
Chrysene	0.00010		**0.00415**	0.00500	0	82.9	58.7	118	09/28/2012
Dibenzo(a,h)anthracene	0.00010		**0.00371**	0.00500	0	74.3	59.3	126	09/28/2012
Fluoranthene	0.00010		**0.00393**	0.00500	0	78.7	60.1	117	09/28/2012
Fluorene	0.00010		**0.00387**	0.00500	0	77.4	54.1	110	09/28/2012
Indeno(1,2,3-cd)pyrene	0.00010		**0.00372**	0.00500	0	74.3	58.1	123	09/28/2012
Naphthalene	0.00010		**0.00373**	0.00500	0	74.6	36.3	97.1	09/28/2012
Phenanthrene	0.00010		**0.00361**	0.00500	0	72.2	55.9	107	09/28/2012
Pyrene	0.00010		**0.00378**	0.00500	0	75.6	61.4	116	09/28/2012
Surr: 2-Fluorobiphenyl			**0.00324**	0.00500		64.8	45.4	97.6	09/28/2012
Surr: 2-Fluorophenol			**0.00467**	0.0100		46.7	24.9	63.7	09/28/2012
Surr: Nitrobenzene-d5			**0.00331**	0.00500		66.2	45.2	108	09/28/2012
Surr: Phenol-d5			**0.00273**	0.0100		27.3	15.5	39.5	09/28/2012
Surr: p-Terphenyl-d14			**0.00405**	0.00500		81.0	46	127	09/28/2012

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

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

Batch **81985** **SampType:** **LCSD** Units **mg/L** RPD Limit **40**

SampID: LCSD-81985

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
2-Methylnaphthalene	0.00010		**0.00388**	0.00500	0	77.6	0.003736	3.78	09/28/2012
Acenaphthene	0.00010		**0.00414**	0.00500	0	82.7	0.003923	5.26	09/28/2012
Acenaphthylene	0.00010		**0.00408**	0.00500	0	81.6	0.003798	7.11	09/28/2012
Anthracene	0.00010		**0.00383**	0.00500	0	76.5	0.003584	6.53	09/28/2012
Benzo(a)anthracene	0.00010		**0.00414**	0.00500	0	82.8	0.003904	5.92	09/28/2012
Benzo(a)pyrene	0.00010		**0.00390**	0.00500	0	78.1	0.003721	4.77	09/28/2012
Benzo(b)fluoranthene	0.00010		**0.00398**	0.00500	0	79.6	0.003809	4.34	09/28/2012
Benzo(g,h,i)perylene	0.00010		**0.00389**	0.00500	0	77.8	0.003670	5.87	09/28/2012
Benzo(k)fluoranthene	0.00010		**0.00414**	0.00500	0	82.8	0.003852	7.21	09/28/2012
Chrysene	0.00010		**0.00432**	0.00500	0	86.4	0.004145	4.11	09/28/2012
Dibenzo(a,h)anthracene	0.00010		**0.00399**	0.00500	0	79.8	0.003714	7.17	09/28/2012
Fluoranthene	0.00010		**0.00411**	0.00500	0	82.1	0.003934	4.30	09/28/2012
Fluorene	0.00010		**0.00409**	0.00500	0	81.8	0.003869	5.55	09/28/2012
Indeno(1,2,3-cd)pyrene	0.00010		**0.00391**	0.00500	0	78.3	0.003716	5.16	09/28/2012
Naphthalene	0.00010		**0.00380**	0.00500	0	76.0	0.003730	1.86	09/28/2012
Phenanthrene	0.00010		**0.00373**	0.00500	0	74.7	0.003609	3.40	09/28/2012
Pyrene	0.00010		**0.00403**	0.00500	0	80.6	0.003778	6.41	09/28/2012
Surr: 2-Fluorobiphenyl			**0.00338**	0.00500		67.7			09/28/2012
Surr: 2-Fluorophenol			**0.00455**	0.0100		45.5			09/28/2012
Surr: Nitrobenzene-d5			**0.00344**	0.00500		68.8			09/28/2012
Surr: Phenol-d5			**0.00267**	0.0100		26.7			09/28/2012
Surr: p-Terphenyl-d14			**0.00419**	0.00500		83.7			09/28/2012

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

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

Batch **81985** **SampType:** **MS** Units **mg/L**

SampID: 12091310-016AMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
2-Methylnaphthalene	0.00010		**0.00404**	0.00500	0.0001010	78.9	50	150	09/28/2012
Acenaphthene	0.00010		**0.00718**	0.00500	0.003345	76.6	42.4	117	09/28/2012
Acenaphthylene	0.00010		**0.00811**	0.00500	0.004392	74.3	48.4	133	09/28/2012
Anthracene	0.00010		**0.00370**	0.00500	0	73.9	52.4	115	09/28/2012
Benzo(a)anthracene	0.00010		**0.00393**	0.00500	0	78.6	50.8	105	09/28/2012
Benzo(a)pyrene	0.00010		**0.00385**	0.00500	0	77.0	53.3	126	09/28/2012
Benzo(b)fluoranthene	0.00010		**0.00386**	0.00500	0	77.2	53.5	131	09/28/2012
Benzo(g,h,i)perylene	0.00010		**0.00383**	0.00500	0	76.7	54.6	127	09/28/2012
Benzo(k)fluoranthene	0.00010		**0.00390**	0.00500	0	77.9	56.2	128	09/28/2012
Chrysene	0.00010		**0.00412**	0.00500	0	82.4	54.4	122	09/28/2012
Dibenzo(a,h)anthracene	0.00010		**0.00388**	0.00500	0	77.6	54.8	127	09/28/2012
Fluoranthene	0.00010		**0.00412**	0.00500	0	82.5	54.5	122	09/28/2012
Fluorene	0.00010		**0.00411**	0.00500	0.0001730	78.8	47.7	119	09/28/2012
Indeno(1,2,3-cd)pyrene	0.00010		**0.00388**	0.00500	0	77.7	53.2	125	09/28/2012
Naphthalene	0.00010		**0.00442**	0.00500	0.0006070	76.3	36.3	107	09/28/2012
Phenanthrene	0.00010		**0.00367**	0.00500	0	73.5	51	112	09/28/2012
Pyrene	0.00010		**0.00401**	0.00500	0	80.1	55.9	121	09/28/2012
Surr: 2-Fluorobiphenyl			**0.00348**	0.00500		69.5	34.3	105	09/28/2012
Surr: 2-Fluorophenol			**0.00437**	0.0100		43.7	19.9	55.7	09/28/2012
Surr: Nitrobenzene-d5			**0.00345**	0.00500		69.0	43	106	09/28/2012
Surr: Phenol-d5			**0.00240**	0.0100		24.0	8.95	38.5	09/28/2012
Surr: p-Terphenyl-d14			**0.00411**	0.00500		82.2	6.05	133	09/28/2012

Client: PSC Industrial Outsourcing, LP

Work Order: 12091310

Client Project: Ameren Champaign MGP

Report Date: 03-Oct-12

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

Batch **81985** **SampType:** **MSD** Units **mg/L** RPD Limit **40**

SampID: 12091310-016AMSD

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
2-Methylnaphthalene	0.00010		**0.00384**	0.00500	0.0001010	74.7	0.004044	5.31	09/28/2012
Acenaphthene	0.00010		**0.00699**	0.00500	0.003345	72.9	0.007176	2.61	09/28/2012
Acenaphthylene	0.00010		**0.00792**	0.00500	0.004392	70.5	0.008107	2.35	09/28/2012
Anthracene	0.00010		**0.00358**	0.00500	0	71.6	0.003695	3.22	09/28/2012
Benzo(a)anthracene	0.00010		**0.00390**	0.00500	0	78.1	0.003929	0.64	09/28/2012
Benzo(a)pyrene	0.00010		**0.00376**	0.00500	0	75.3	0.003850	2.23	09/28/2012
Benzo(b)fluoranthene	0.00010		**0.00370**	0.00500	0	74.1	0.003861	4.15	09/28/2012
Benzo(g,h,i)perylene	0.00010		**0.00372**	0.00500	0	74.5	0.003833	2.86	09/28/2012
Benzo(k)fluoranthene	0.00010		**0.00386**	0.00500	0	77.2	0.003896	0.93	09/28/2012
Chrysene	0.00010		**0.00412**	0.00500	0	82.5	0.004120	0.10	09/28/2012
Dibenzo(a,h)anthracene	0.00010		**0.00387**	0.00500	0	77.3	0.003878	0.28	09/28/2012
Fluoranthene	0.00010		**0.00399**	0.00500	0	79.7	0.004125	3.43	09/28/2012
Fluorene	0.00010		**0.00392**	0.00500	0.0001730	74.9	0.004112	4.88	09/28/2012
Indeno(1,2,3-cd)pyrene	0.00010		**0.00356**	0.00500	0	71.2	0.003883	8.74	09/28/2012
Naphthalene	0.00010		**0.00414**	0.00500	0.0006070	70.6	0.004420	6.66	09/28/2012
Phenanthrene	0.00010		**0.00364**	0.00500	0	72.8	0.003674	0.90	09/28/2012
Pyrene	0.00010		**0.00388**	0.00500	0	77.6	0.004006	3.17	09/28/2012
Surr: 2-Fluorobiphenyl			**0.00326**	0.00500		65.1			09/28/2012
Surr: 2-Fluorophenol			**0.00387**	0.0100		38.7			09/28/2012
Surr: Nitrobenzene-d5			**0.00319**	0.00500		63.7			09/28/2012
Surr: Phenol-d5			**0.00209**	0.0100		20.9			09/28/2012
Surr: p-Terphenyl-d14			**0.00388**	0.00500		77.6			09/28/2012

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

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

Batch **82006** **SampType:** **MBLK** Units **mg/L**

SampID: MB-82006

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
2-Methylnaphthalene	0.00010		**ND**						10/01/2012
Acenaphthene	0.00010		**ND**						10/01/2012
Acenaphthene	0.00010		**ND**						10/01/2012
Acenaphthylene	0.00010		**ND**						10/01/2012
Anthracene	0.00010		**ND**						10/01/2012
Anthracene	0.00010		**ND**						10/01/2012
Benzo(a)anthracene	0.00010		**ND**						10/01/2012
Benzo(a)pyrene	0.00010		**ND**						10/01/2012
Benzo(b)fluoranthene	0.00010		**ND**						10/01/2012
Benzo(g,h,i)perylene	0.00010		**ND**						10/01/2012
Benzo(k)fluoranthene	0.00010		**ND**						10/01/2012
Chrysene	0.00010		**ND**						10/01/2012
Dibenzo(a,h)anthracene	0.00010		**ND**						10/01/2012
Fluoranthene	0.00010		**ND**						10/01/2012
Fluoranthene	0.00010		**ND**						10/01/2012
Fluorene	0.00010		**ND**						10/01/2012
Fluorene	0.00010		**ND**						10/01/2012
Indeno(1,2,3-cd)pyrene	0.00010		**ND**						10/01/2012
Naphthalene	0.00010		**ND**						10/01/2012
Naphthalene	0.00010		**ND**						10/01/2012
Phenanthrene	0.00010		**ND**						10/01/2012
Phenanthrene	0.00010		**ND**						10/01/2012
Pyrene	0.00010		**ND**						10/01/2012
Pyrene	0.00010		**ND**						10/01/2012
Total PNAs except Naphthalene	0.00013		**ND**						10/01/2012
Surr: 2-Fluorobiphenyl			**0.00391**	0.00500		78.1	48.8	99.7	10/01/2012
Surr: 2-Fluorobiphenyl			**0.00380**	0.00500		76.0	45.4	97.6	10/01/2012
Surr: 2-Fluorophenol			**0.00527**	0.0100		52.7	24.9	61.3	10/01/2012
Surr: 2-Fluorophenol			**0.00532**	0.0100		53.2	24.9	63.7	10/01/2012
Surr: Nitrobenzene-d5			**0.00458**	0.00500		91.5	47.5	108	10/01/2012
Surr: Nitrobenzene-d5			**0.00418**	0.00500		83.6	45.2	108	10/01/2012
Surr: Phenol-d5			**0.00306**	0.0100		30.6	15.5	39.5	10/01/2012
Surr: Phenol-d5			**0.00340**	0.0100		34.0	16.6	39.3	10/01/2012
Surr: p-Terphenyl-d14			**0.00470**	0.00500		93.9	57.7	123	10/01/2012
Surr: p-Terphenyl-d14			**0.00492**	0.00500		98.5	46	127	10/01/2012

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

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

Batch **82006** **SampType:** **LCS** Units **mg/L**

SampID: LCS-82006

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
2-Methylnaphthalene	0.00010		**0.00391**	0.00500	0	78.2	50	150	10/01/2012
Acenaphthene	0.00010		**0.00374**	0.00500	0	74.7	50.1	103	10/01/2012
Acenaphthene	0.00010		**0.00392**	0.00500	0	78.4	50.1	103	10/01/2012
Acenaphthylene	0.00010		**0.00385**	0.00500	0	77.0	53.3	122	10/01/2012
Anthracene	0.00010		**0.00385**	0.00500	0	77.0	57.4	110	10/01/2012
Anthracene	0.00010		**0.00385**	0.00500	0	77.0	57.4	110	10/01/2012
Benzo(a)anthracene	0.00010		**0.00407**	0.00500	0	81.3	59.1	112	10/01/2012
Benzo(a)pyrene	0.00010		**0.00394**	0.00500	0	78.8	55.4	125	10/01/2012
Benzo(b)fluoranthene	0.00010		**0.00393**	0.00500	0	78.5	59.3	127	10/01/2012
Benzo(g,h,i)perylene	0.00010		**0.00396**	0.00500	0	79.3	58.4	125	10/01/2012
Benzo(k)fluoranthene	0.00010		**0.00403**	0.00500	0	80.5	61.5	125	10/01/2012
Chrysene	0.00010		**0.00434**	0.00500	0	86.8	58.7	118	10/01/2012
Dibenzo(a,h)anthracene	0.00010		**0.00390**	0.00500	0	78.0	59.3	126	10/01/2012
Fluoranthene	0.00010		**0.00407**	0.00500	0	81.4	60.1	117	10/01/2012
Fluoranthene	0.00010		**0.00424**	0.00500	0	84.9	60.1	117	10/01/2012
Fluorene	0.00010		**0.00339**	0.00500	0	67.8	54.1	110	10/01/2012
Fluorene	0.00010		**0.00397**	0.00500	0	79.3	54.1	110	10/01/2012
Indeno(1,2,3-cd)pyrene	0.00010		**0.00403**	0.00500	0	80.6	58.1	123	10/01/2012
Naphthalene	0.00010		**0.00372**	0.00500	0	74.5	36.3	97.1	10/01/2012
Naphthalene	0.00010		**0.00378**	0.00500	0	75.7	36.3	97.1	10/01/2012
Phenanthrene	0.00010		**0.00394**	0.00500	0	78.9	55.9	107	10/01/2012
Phenanthrene	0.00010		**0.00384**	0.00500	0	76.8	55.9	107	10/01/2012
Pyrene	0.00010		**0.00386**	0.00500	0	77.2	61.4	116	10/01/2012
Pyrene	0.00010		**0.00414**	0.00500	0	82.8	61.4	116	10/01/2012
Surr: 2-Fluorobiphenyl			**0.00321**	0.00500		64.2	53.8	93.6	10/01/2012
Surr: 2-Fluorobiphenyl			**0.00333**	0.00500		66.7	45.4	97.6	10/01/2012
Surr: 2-Fluorophenol			**0.00480**	0.0100		48.0	25.9	57.3	10/01/2012
Surr: 2-Fluorophenol			**0.00471**	0.0100		47.1	24.9	63.7	10/01/2012
Surr: Nitrobenzene-d5			**0.00340**	0.00500		67.9	57.1	97.8	10/01/2012
Surr: Nitrobenzene-d5			**0.00355**	0.00500		71.0	45.2	108	10/01/2012
Surr: Phenol-d5			**0.00309**	0.0100		30.9	14.7	38.3	10/01/2012
Surr: Phenol-d5			**0.00272**	0.0100		27.2	15.5	39.5	10/01/2012
Surr: p-Terphenyl-d14			**0.00383**	0.00500		76.7	60.2	118	10/01/2012
Surr: p-Terphenyl-d14			**0.00432**	0.00500		86.5	46	127	10/01/2012

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

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

Batch **82006** **SampType:** **LCSD** Units **mg/L** RPD Limit **40**

SampID: LCSD-82006

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
2-Methylnaphthalene	0.00010		**0.00421**	0.00500	0	84.3	0.003909	7.49	10/01/2012
Acenaphthene	0.00010		**0.00411**	0.00500	0	82.3	0.003736	9.63	10/01/2012
Acenaphthene	0.00010		**0.00418**	0.00500	0	83.6	0.003920	6.47	10/01/2012
Acenaphthylene	0.00010		**0.00414**	0.00500	0	82.7	0.003850	7.19	10/01/2012
Anthracene	0.00010		**0.00406**	0.00500	0	81.1	0.003852	5.18	10/01/2012
Anthracene	0.00010		**0.00433**	0.00500	0	86.7	0.003852	11.75	10/01/2012
Benzo(a)anthracene	0.00010		**0.00426**	0.00500	0	85.2	0.004066	4.68	10/01/2012
Benzo(a)pyrene	0.00010		**0.00416**	0.00500	0	83.2	0.003942	5.38	10/01/2012
Benzo(b)fluoranthene	0.00010		**0.00417**	0.00500	0	83.4	0.003926	6.03	10/01/2012
Benzo(g,h,i)perylene	0.00010		**0.00414**	0.00500	0	82.8	0.003964	4.30	10/01/2012
Benzo(k)fluoranthene	0.00010		**0.00424**	0.00500	0	84.7	0.004027	5.06	10/01/2012
Chrysene	0.00010		**0.00456**	0.00500	0	91.2	0.004338	5.01	10/01/2012
Dibenzo(a,h)anthracene	0.00010		**0.00419**	0.00500	0	83.9	0.003900	7.24	10/01/2012
Fluoranthene	0.00010		**0.00449**	0.00500	0	89.9	0.004244	5.72	10/01/2012
Fluoranthene	0.00010		**0.00436**	0.00500	0	87.2	0.004072	6.81	10/01/2012
Fluorene	0.00010		**0.00388**	0.00500	0	77.7	0.003392	13.52	10/01/2012
Fluorene	0.00010		**0.00427**	0.00500	0	85.3	0.003966	7.29	10/01/2012
Indeno(1,2,3-cd)pyrene	0.00010		**0.00411**	0.00500	0	82.2	0.004032	1.94	10/01/2012
Naphthalene	0.00010		**0.00406**	0.00500	0	81.1	0.003783	6.99	10/01/2012
Naphthalene	0.00010		**0.00425**	0.00500	0	85.0	0.003724	13.24	10/01/2012
Phenanthrene	0.00010		**0.00403**	0.00500	0	80.6	0.003842	4.73	10/01/2012
Phenanthrene	0.00010		**0.00448**	0.00500	0	89.6	0.003944	12.73	10/01/2012
Pyrene	0.00010		**0.00432**	0.00500	0	86.3	0.003859	11.16	10/01/2012
Pyrene	0.00010		**0.00425**	0.00500	0	85.0	0.004142	2.62	10/01/2012
Surr: 2-Fluorobiphenyl			**0.00386**	0.00500		77.3			10/01/2012
Surr: 2-Fluorobiphenyl			**0.00379**	0.00500		75.7			10/01/2012
Surr: 2-Fluorophenol			**0.00502**	0.0100		50.2			10/01/2012
Surr: 2-Fluorophenol			**0.00508**	0.0100		50.8			10/01/2012
Surr: Nitrobenzene-d5			**0.00425**	0.00500		85.0			10/01/2012
Surr: Nitrobenzene-d5			**0.00384**	0.00500		76.8			10/01/2012
Surr: Phenol-d5			**0.00343**	0.0100		34.3			10/01/2012
Surr: Phenol-d5			**0.00286**	0.0100		28.6			10/01/2012
Surr: p-Terphenyl-d14			**0.00437**	0.00500		87.3			10/01/2012
Surr: p-Terphenyl-d14			**0.00464**	0.00500		92.8			10/01/2012

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

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

Batch 82019 **SampType:** MBLK Units µg/L

SampID: MBLK-R120927-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	2.0		ND						09/27/2012
Ethylbenzene	5.0		ND						09/27/2012
Toluene	5.0		ND						09/27/2012
Xylenes, Total	5.0		ND						09/27/2012
Surr: 1,2-Dichloroethane-d4			47.7	50.0		95.5	74.7	129	09/27/2012
Surr: 4-Bromofluorobenzene			50.0	50.0		100.0	86	119	09/27/2012
Surr: Dibromofluoromethane			50.4	50.0		100.7	81.7	123	09/27/2012
Surr: Toluene-d8			49.8	50.0		99.6	84.3	114	09/27/2012

Batch 82019 **SampType:** LCSD Units µg/L RPD Limit 40

SampID: LCSD-R120927-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	2.0		49.0	50.0	0	97.9	47.55	2.94	09/27/2012
Ethylbenzene	5.0		48.8	50.0	0	97.7	46.48	4.95	09/27/2012
Toluene	5.0		48.9	50.0	0	97.9	47.57	2.84	09/27/2012
Xylenes, Total	5.0		150	150	0	99.8	144.6	3.53	09/27/2012
Surr: 1,2-Dichloroethane-d4			47.9	50.0		95.8			09/27/2012
Surr: 4-Bromofluorobenzene			50.6	50.0		101.1			09/27/2012
Surr: Dibromofluoromethane			50.2	50.0		100.3			09/27/2012
Surr: Toluene-d8			50.2	50.0		100.4			09/27/2012

Batch 82019 **SampType:** LCS Units µg/L

SampID: LCS-R120927-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	2.0		47.6	50.0	0	95.1	82.7	117	09/27/2012
Ethylbenzene	5.0		46.5	50.0	0	93.0	83	113	09/27/2012
Toluene	5.0		47.6	50.0	0	95.1	79.6	116	09/27/2012
Xylenes, Total	5.0		145	150	0	96.4	80.3	120	09/27/2012
Surr: 1,2-Dichloroethane-d4			48.6	50.0		97.2	74.7	129	09/27/2012
Surr: 4-Bromofluorobenzene			49.3	50.0		98.6	86	119	09/27/2012
Surr: Dibromofluoromethane			50.1	50.0		100.2	81.7	123	09/27/2012
Surr: Toluene-d8			50.3	50.0		100.5	84.3	114	09/27/2012

Batch 82019 **SampType:** MS Units µg/L

SampID: 12091310-016CMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	2.0		44.0	56.0	0	78.5	57.8	125	09/28/2012
Ethylbenzene	5.0		52.6	56.0	0	93.9	72.8	123	09/28/2012
Toluene	5.0		49.0	56.0	0	87.5	75.8	123	09/28/2012
Xylenes, Total	5.0		106	112	1.470	93.0	73	127	09/28/2012
Surr: 1,2-Dichloroethane-d4			48.1	50.0		96.3	74.7	129	09/28/2012
Surr: 4-Bromofluorobenzene			49.7	50.0		99.3	86	119	09/28/2012
Surr: Dibromofluoromethane			50.1	50.0		100.1	81.7	123	09/28/2012
Surr: Toluene-d8			50.6	50.0		101.2	84.3	114	09/28/2012

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

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

Batch 82019 **SampType:** MSD Units µg/L RPD Limit 20

SampID: 12091310-016CMSD

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	2.0		**45.1**	56.0	0	80.5	43.98	2.51	09/28/2012
Ethylbenzene	5.0		**53.3**	56.0	0	95.3	52.61	1.38	09/28/2012
Toluene	5.0		**49.5**	56.0	0	88.4	48.99	1.10	09/28/2012
Xylenes, Total	5.0		**106**	112	1.470	93.6	105.6	0.59	09/28/2012
Surr: 1,2-Dichloroethane-d4			**48.4**	50.0		96.8			09/28/2012
Surr: 4-Bromofluorobenzene			**49.4**	50.0		98.9			09/28/2012
Surr: Dibromofluoromethane			**49.6**	50.0		99.1			09/28/2012
Surr: Toluene-d8			**50.0**	50.0		99.9			09/28/2012

Batch 82069 **SampType:** MBLK Units µg/L

SampID: MBLK-R120928-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	2.0		**ND**						09/28/2012
Ethylbenzene	5.0		**ND**						09/28/2012
Toluene	5.0		**ND**						09/28/2012
Xylenes, Total	5.0		**ND**						09/28/2012
Surr: 1,2-Dichloroethane-d4			**48.2**	50.0		96.5	74.7	129	09/28/2012
Surr: 4-Bromofluorobenzene			**50.0**	50.0		100.0	86	119	09/28/2012
Surr: Dibromofluoromethane			**49.8**	50.0		99.7	81.7	123	09/28/2012
Surr: Toluene-d8			**50.2**	50.0		100.4	84.3	114	09/28/2012

Batch 82069 **SampType:** LCSD Units µg/L RPD Limit 40

SampID: LCSD-R120928-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	2.0		**45.6**	50.0	0	91.1	43.27	5.16	09/28/2012
Ethylbenzene	5.0		**45.1**	50.0	0	90.2	42.31	6.43	09/28/2012
Toluene	5.0		**45.9**	50.0	0	91.8	43.36	5.73	09/28/2012
Xylenes, Total	5.0		**139**	150	0	92.8	132.1	5.23	09/28/2012
Surr: 1,2-Dichloroethane-d4			**47.7**	50.0		95.4			09/28/2012
Surr: 4-Bromofluorobenzene			**49.8**	50.0		99.6			09/28/2012
Surr: Dibromofluoromethane			**50.1**	50.0		100.3			09/28/2012
Surr: Toluene-d8			**50.3**	50.0		100.7			09/28/2012

Batch 82069 **SampType:** LCS Units µg/L

SampID: LCS-R120928-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	2.0		**43.3**	50.0	0	86.5	82.7	117	09/28/2012
Ethylbenzene	5.0		**42.3**	50.0	0	84.6	83	113	09/28/2012
Toluene	5.0		**43.4**	50.0	0	86.7	79.6	116	09/28/2012
Xylenes, Total	5.0		**132**	150	0	88.1	80.3	120	09/28/2012
Surr: 1,2-Dichloroethane-d4			**48.4**	50.0		96.7	74.7	129	09/28/2012
Surr: 4-Bromofluorobenzene			**50.0**	50.0		100.0	86	119	09/28/2012
Surr: Dibromofluoromethane			**50.1**	50.0		100.2	81.7	123	09/28/2012
Surr: Toluene-d8			**50.2**	50.0		100.4	84.3	114	09/28/2012

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

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

Batch 82069 **SampType:** MS Units µg/L

SampID: 12091310-022CMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	2.0		**43.6**	56.0	0	77.8	57.8	125	09/28/2012
Ethylbenzene	5.0		**53.7**	56.0	0	95.9	72.8	123	09/28/2012
Toluene	5.0		**49.7**	56.0	0	88.7	75.8	123	09/28/2012
Xylenes, Total	5.0		**105**	112	0	93.7	73	127	09/28/2012
Surr: 1,2-Dichloroethane-d4			**47.5**	50.0		95.0	74.7	129	09/28/2012
Surr: 4-Bromofluorobenzene			**49.7**	50.0		99.4	86	119	09/28/2012
Surr: Dibromofluoromethane			**49.3**	50.0		98.6	81.7	123	09/28/2012
Surr: Toluene-d8			**50.8**	50.0		101.6	84.3	114	09/28/2012

Batch 82069 **SampType:** MSD Units µg/L RPD Limit **20**

SampID: 12091310-022CMSD

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	2.0		**44.3**	56.0	0	79.0	43.59	1.53	09/28/2012
Ethylbenzene	5.0		**53.6**	56.0	0	95.8	53.71	0.13	09/28/2012
Toluene	5.0		**49.4**	56.0	0	88.1	49.69	0.69	09/28/2012
Xylenes, Total	5.0		**105**	112	0	93.8	105.0	0.09	09/28/2012
Surr: 1,2-Dichloroethane-d4			**47.7**	50.0		95.4			09/28/2012
Surr: 4-Bromofluorobenzene			**50.6**	50.0		101.3			09/28/2012
Surr: Dibromofluoromethane			**49.3**	50.0		98.6			09/28/2012
Surr: Toluene-d8			**50.3**	50.0		100.6			09/28/2012

Batch 82117 **SampType:** MBLK Units µg/L

SampID: MBLK-R121001-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	2.0		**ND**						10/01/2012
Ethylbenzene	5.0		**ND**						10/01/2012
Toluene	5.0		**ND**						10/01/2012
Xylenes, Total	5.0		**ND**						10/01/2012
Surr: 1,2-Dichloroethane-d4			**48.2**	50.0		96.5	74.7	129	10/01/2012
Surr: 4-Bromofluorobenzene			**49.7**	50.0		99.4	86	119	10/01/2012
Surr: Dibromofluoromethane			**50.6**	50.0		101.2	81.7	123	10/01/2012
Surr: Toluene-d8			**49.9**	50.0		99.7	84.3	114	10/01/2012

Batch 82117 **SampType:** LCSD Units µg/L RPD Limit **40**

SampID: LCSD-R121001-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Benzene	2.0		**48.9**	50.0	0	97.7	46.83	4.26	10/01/2012
Ethylbenzene	5.0		**46.9**	50.0	0	93.8	45.67	2.61	10/01/2012
Toluene	5.0		**48.1**	50.0	0	96.2	46.62	3.10	10/01/2012
Xylenes, Total	5.0		**143**	150	0	95.5	141.3	1.32	10/01/2012
Surr: 1,2-Dichloroethane-d4			**48.2**	50.0		96.4			10/01/2012
Surr: 4-Bromofluorobenzene			**49.3**	50.0		98.6			10/01/2012
Surr: Dibromofluoromethane			**50.3**	50.0		100.7			10/01/2012
Surr: Toluene-d8			**49.9**	50.0		99.8			10/01/2012

Client: PSC Industrial Outsourcing, LP **Work Order:** 12091310

Client Project: Ameren Champaign MGP **Report Date:** 03-Oct-12

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

Batch 82117 **SampType:** LCS Units **µg/L**

SampID: LCS-R121001-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	2.0		**46.8**	50.0	0	93.7	82.7	117	10/01/2012
Ethylbenzene	5.0		**45.7**	50.0	0	91.3	83	113	10/01/2012
Toluene	5.0		**46.6**	50.0	0	93.2	79.6	116	10/01/2012
Xylenes, Total	5.0		**141**	150	0	94.2	80.3	120	10/01/2012
Surr: 1,2-Dichloroethane-d4			**47.5**	50.0		95.0	74.7	129	10/01/2012
Surr: 4-Bromofluorobenzene			**49.1**	50.0		98.3	86	119	10/01/2012
Surr: Dibromofluoromethane			**49.7**	50.0		99.5	81.7	123	10/01/2012
Surr: Toluene-d8			**50.8**	50.0		101.7	84.3	114	10/01/2012

Receiving Check List

http://www.teklabinc.com/

Client: PSC Industrial Outsourcing, LP
Work Order: 12091310
Client Project: Ameren Champaign MGP
Report Date: 03-Oct-12

Carrier: Josh Cerar
Received By: HLR

Completed by: Heather L. Riley
On: 27-Sep-12

Reviewed by: Michael L. Austin
On: 28-Sep-12

Pages to follow: Chain of custody 4 Extra pages included 0

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	Temp °C	3.2		
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 ☑		
NPDES/CWA TCN interferences checked/treated in the field?	Yes ☐	No ☑	NA	☐

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

Additional preservative was needed upon arrival at the laboratory. Added NaOH to UMW-305, 306, 307, 303, 106, 121, 105, 302, 300, DUP01, 123, 126, 301R, DUP02, 102, 119, 108, 117, 107, 111, 118, 109. HLR 9/27/12

CHAIN OF CUSTODY

pg. 1 of 4 Work Order # 12091310

TEKLAB, INC.

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

Client: (PSC) Ameren Champaign MGP
Address: ~~[illegible]~~ 210 West SAND Bank Rd
City / State / Zip: Columbia, IL 62236
Contact: Leslie Hoosier Phone: (618) 281-1483
E-Mail: leslie.hoosier@pscnow.com Fax:

Samples on: ☒ Ice ☐ Blue Ice ☐ No Ice 3.2 °C
Preserved in: ☒ Lab ☐ Field FOR LAB USE ONLY
Lab Notes: Added NaOH to ~~4~~ samples below. HLR 9/27/12
OK headspace HLR 9/27/12
Comments:

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

Project Name / Number: Ameren Champaign MGP
Sample Collector's Name: Aiken | Flora

Results Requested: ☒ Standard ☐ 1-2 Day (100% Surcharge) ☐ Other_____ ☐ 3 Day (50% Surcharge)
Billing Instructions:

Lab Use Only	Sample Identification		Date/Time Sampled	# and Type of Containers: UNPRES	HNO_3	NaOH	H_2SO_4	HCL	MeOH	$NaHSO_4$	Other	MATRIX: Water	Drinking Water	Soil	Sludge	Sp. Waste	INDICATE ANALYSIS REQUESTED: BTEX	PAHs	Cyanide
12091310-001	UMW-305	☆	9/24/12 1405	1		1		2				X					X	X	X
002	UMW-306	☆	9/24/12 1500	1		1		2				X					X	X	X
003	UMW-307	☆	9/24/12 1530	1		1		2				X					X	X	X
004	UMW-303	☆	9/24/12 1605	1		1		2				X					X	X	X
005	UMW-104	☆	9/25/12 1045	1		1		2				X					X	X	X
006	UMW-121	☆	9/25/12 1400	1		1		2				X					X	X	X
007	UMW-105	☆	9/25/12 1440	1		1		2				X					X	X	X
008	UMW-302	☆	9/25/12 1535	1		1		2				X					X	X	X
009	UMW-300	☆	9/25/12 1620	1		1		2				X					X	X	X
010	Duplicate OH	☆	9/24/12 1900	1		1		2				X					X	X	X

Relinquished By	Date / Time	Received By	Date / Time
	9/27/12 1000		9/27/12 1227
	9/27/12 1300	Heather R	9/27/12 1300

The individual signing this agreement on behalf of client acknowledges that he/she has read and understands the terms and conditions of this agreement, on the reverse side, and that he/she has the authority to sign on behalf of client.

WHITE – LAB YELLOW – SAMPLER'S COPY

CHAIN OF CUSTODY

pg. 2 of 4 Work Order # 12091310

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

Client: PSC
Address: 210 W. SAND BANK Rd
City / State / Zip: Columbia, IL 62236
Contact: Leslie Hoosier Phone: 618. 281-1483
E-Mail: leslie.hoosier@pscNow.com Fax:

Samples on: ☐ Ice ☐ Blue Ice ☐ No Ice _____ °C
Preserved in: ☐ Lab ☐ Field FOR LAB USE ONLY
Lab Notes:

Comments:

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

Project Name / Number: Ameren Champaign MGP
Sample Collector's Name: Aiken / Flora

Results Requested: ☒ Standard ☐ 1-2 Day (100% Surcharge) ☐ Other _____ ☐ 3 Day (50% Surcharge)
Billing Instructions:

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNPRES	HNO_3	NaOH	H_2SO_4	HCl	MeOH	$NaHSO_4$	Other	MATRIX: Water	Drinking Water	Soil	Sludge	Sp. Waste	INDICATE ANALYSIS REQUESTED: BTEX	PAHs	Cyanide	BTEX PAH MS/MSD									
12091310-011	UMW-123 ★	9/26/12 835	1		1		2				X					X	X	X										
012	UMW-125	9/26/12 945	1		1		2				X					X	X	X										
013	UMW-124	9/26/12 1035	1		1		2				X					X	X	X										
014	UMW-127	9/26/12 1220	1		1		2				X					X	X	X										
015	UMW-126 ★	9/26/12 1320	1		1		2				X					X	X	X										
016	UMW-301R ★	9/26/12 1400	3		1		4				X					X	X	X	X	MS/MSD								
017	Duplicate 02 ★	9/25/12 1900	1		1		2				X					X	X	X										

Relinquished By	Date / Time	Received By	Date / Time
	9/27/12 1000		9/27/12 1227
	9/27/12 1300	Heather Riley	9/27/12 1300

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CHAIN OF CUSTODY

pg. 3 of 4 Work Order # 12091310

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

Client: PSC ~~Ameren Champaign MGP~~
Address: 810 W. SAND Bank Rd
City / State / Zip: COLUMBIA, IL 62236
Contact: Leslie Hoosier Phone: (618) 281.1483
E-Mail: leslie.hoosier@pscnow.com Fax:

Samples on: ☐ Ice ☐ Blue Ice ☐ No Ice _____ °C
Preserved in: ☐ Lab ☐ Field FOR LAB USE ONLY
Lab Notes:

Comments:

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

Project Name / Number: Ameren Champaign MGP
Sample Collector's Name: S. CRAVENS

Results Requested: ☒ Standard ☐ 1-2 Day (100% Surcharge) ☐ Other_____ ☐ 3 Day (50% Surcharge)
Billing Instructions:

Lab Use Only	Sample Identification		Date/Time Sampled	# and Type of Containers: UNPRES	HNO_3	NaOH	H_2SO_4	HCL	MeOH	$NaHSO_4$	Other	MATRIX: Water	Drinking Water	Soil	Sludge	Sp. Waste	INDICATE ANALYSIS REQUESTED: BTEX	PAH's	Cyanide
12091310-018	UMW-102	✱	9/24/12 1415	1		1		2				X					X	X	X
019	UMW-120		9/24/12 1505	1		1		2				X					X	X	X
020	UMW-119	✱	9/24/12 1605	1		1		2				X					X	X	X
021	UMW-108	✱	9/25/12 815	1		1		2				X					X	X	X
022	UMW-117	✱	9/25/12 925	1		1		2				X					X	X	X
023	UMW-116		9/25/12 1100	1		1		2				X					X	X	X
024	UMW-107	✱	9/25/12 1310	1		1		2				X					X	X	X
025	UMW-111A	✱	9/25/12 1515	1		1		2				X					X	X	X
026	UMW-118	✱	9/26/12 850	1		1		2				X					X	X	X
027	UMW-109	✱	9/26/12 1000	1		1		2				X					X	X	X

Relinquished By	Date / Time	Received By	Date / Time
	9/27/12 1000		9/27/12 1227
	9/27/12 1300	Heather Ring	9/27/12 1300

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CHAIN OF CUSTODY

pg. 4 of 4 Work Order # 12091310

TEKLAB, INC.

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

Client: Ameren Champaign MGP PSC
Address: 210 W. Sand Bank Rd
City / State / Zip: Columbia, IL 62236
Contact: Leslie Hoosier Phone: (618) 281.1483
E-Mail: leslie.hoosier@PSCnow.com Fax:

Samples on: ☐ Ice ☐ Blue Ice ☐ No Ice _____ °C
Preserved in: ☐ Lab ☐ Field FOR LAB USE ONLY
Lab Notes:

Comments:

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

Project Name / Number: Ameren Champaign MGP
Sample Collector's Name: S. CRAVENS

Results Requested: ☒ Standard ☐ 1-2 Day (100% Surcharge) ☐ Other_____ ☐ 3 Day (50% Surcharge)
Billing Instructions:

Lab Use Only	Sample Identification	Date/Time Sampled	# and Type of Containers: UNPRES	HNO_3	NaOH	H_2SO_4	HCl	MeOH	$NaHSO_4$	Other	MATRIX: Water	Drinking Water	Soil	Sludge	Sp. Waste	INDICATE ANALYSIS REQUESTED: BTEX	PAHs	Cyanide
12091310-028	UMW-304R	9/26/12 1300	1		1		2				X					X	X	X
029	UMW-308	9/26/12 1420	1		1		2				X					X	X	X
030	TRIP Blank	9/24/12 800					2											

Relinquished By	Date / Time	Received By	Date / Time
	9/27/12 1000		9/27/12 1227
	9/27/12 1500		9/27/12 1300

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Table 2
Groundwater Analytical Data for BTEX, PAHs and Cyanide
Comparison to Class I and Class II Groundwater Standards
September 2012
Champaign Former MGP Site
Champaign, Illinois

CONSTITUENT	Class I Groundwater Standard	Class II Groundwater Standard	Units	UMW-102 9/24/2012	UMW-105 9/25/2012	UMW-106R 9/25/2012	UMW-107 9/25/2012	UMW-108 9/25/2012	UMW-109 9/26/2012	UMW-111A 9/25/2012	UMW-116 9/25/2012	UMW-117 9/25/2012	UMW-118 9/26/2012	UMW-119 9/24/2012
Volatile Organic Compounds (8260B)														
Benzene	0.005	0.025	mg/L	<0.002	<0.002	<0.002	0.0604	<0.002	<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	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Toluene	1.0	2.5	mg/L	<0.005	<0.005	<0.005	<0.05	<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	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Polynuclear Aromatic 8270 SIMS														
2-methylnaphthalene	0.028	0.14	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Acenaphthene	0.42	2.10	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Acenaphthylene	0.21 (1)	1.05(1)	mg/L	<0.0001	<0.0001	<0.0001	0.00017	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Anthracene	2.1	10.5	mg/L	<0.0001	<0.0001	<0.0001	0.00017	<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
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 (1)	1.05(1)	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
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	0.0004	<0.0001	<0.0001	0.00774	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Phenanthrene	0.21 (1)	1.05(1)	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Pyrene	0.21	1.05	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Cyanide (total) 9012A	0.20	0.60	mg/L	<0.007	0.066	0.018	0.778	0.034	0.015	<0.007	<0.007	<0.007	0.055	0.029

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.

(1) Non-TACO or provisional ROs published by the IEPA.

(2) Well UMW-122 had insufficient water volume to collect a sample.

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.

Table 2
Groundwater Analytical Data for BTEX, PAHs and Cyanide
Comparison to Class I and Class II Groundwater Standards
September 2012
Champaign Former MGP Site
Champaign, Illinois

CONSTITUENT	Class I Groundwater Standard	Class II Groundwater Standard	Units	UMW-120 9/24/2012	UMW-121 9/25/2012	UMW-123 9/26/2012	UMW-124 9/26/2012	UMW-125 9/26/2012	UMW-126 9/26/2012	UMW-127 9/26/2012	UMW-300 9/25/2012	UMW-301R 9/26/2012	UMW-302 9/25/2012	UMW-302 DUP 9/25/2012	UMW-303 9/24/2012
Volatile Organic Compounds (8260B)															
Benzene	0.005	0.025	mg/L	<0.002	<0.002	<0.002	0.0674	0.0206	<0.002	0.0065	<0.002	<0.002	0.367	0.378	<0.002
Ethylbenzene	0.70	1.00	mg/L	<0.005	<0.005	<0.005	0.0037	<0.005	<0.005	<0.005	<0.005	<0.005	0.569	0.574	<0.005
Toluene	1.0	2.5	mg/L	<0.005	<0.005	<0.005	0.0233	0.0012	<0.005	<0.005	<0.005	<0.005	<0.05	<0.05	<0.005
Xylene (total)	10.0	10.0	mg/L	<0.005	<0.005	<0.005	0.0098	<0.005	<0.005	<0.005	<0.005	0.0015	0.22	0.223	<0.005
Polynuclear Aromatic 8270 SIMS															
2-methylnaphthalene	0.028	0.14	mg/L	<0.0001	<0.0001	<0.0001	0.00096	0.00023	<0.0001	0.00142	<0.0001	0.0001	0.0005	0.00059	<0.0001
Acenaphthene	0.42	2.10	mg/L	<0.0001	<0.0001	<0.0001	0.00024	0.00011	<0.0001	0.00041	<0.0001	0.00334	<0.0001	<0.0001	<0.0001
Acenaphthylene	0.21 [(1)]	1.05[(1)]	mg/L	<0.0001	<0.0001	<0.0001	0.00009	<0.0001	<0.0001	0.00905	<0.0001	0.00439	0.00028	0.0003	<0.0001
Anthracene	2.1	10.5	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.00016	<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 [(1)]	1.05[(1)]	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<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	0.00014	<0.0001	<0.0001	0.00031	<0.0001	0.00017	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	<0.0001
Naphthalene	0.14	0.22	mg/L	<0.0001	<0.0001	<0.0001	0.0121	0.00195	<0.0001	0.00499	0.00021	0.00061	3.59	3.73	<0.0001
Phenanthrene	0.21 [(1)]	1.05[(1)]	mg/L	<0.0001	<0.0001	<0.0001	0.00019	0.00015	<0.0001	0.0004	<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	<0.0001
Cyanide (total) 9012A	0.20	0.60	mg/L	0.029	0.145	<0.007	<0.007	0.01	<0.007	<0.007	<0.007	<0.007	0.09	0.099	0.013

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.

(1) Non-TACO or provisional ROs published by the IEPA.

(2) Well UMW-122 had insufficient water volume to collect a sample.

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.

Table 2
Groundwater Analytical Data for BTEX, PAHs and Cyanide
Comparison to Class I and Class II Groundwater Standards
September 2012
Champaign Former MGP Site
Champaign, Illinois

CONSTITUENT	Class I Groundwater Standard	Class II Groundwater Standard	Units	UMW-304R 9/26/2012	UMW-305 9/24/2012	UMW-305 DUP 9/24/2012	UMW-306 9/24/2012	UMW-307 9/24/2012	UMW-308 9/26/2012
Volatile Organic Compounds (8260B)									
Benzene	0.005	0.025	mg/L	0.0012	<0.002	<0.002	<0.002	<0.002	<0.002
Ethylbenzene	0.70	1.00	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	0.0013
Toluene	1.0	2.5	mg/L	0.0024	<0.005	<0.005	<0.005	<0.005	<0.005
Xylene (total)	10.0	10.0	mg/L	0.0033	<0.005	<0.005	<0.005	<0.005	<0.005
Polynuclear Aromatic 8270 SIMS									
2-methylnaphthalene	0.028	0.14	mg/L	0.00182	<0.0001	<0.0001	<0.0001	<0.0001	0.00012
Acenaphthene	0.42	2.10	mg/L	0.00068	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Acenaphthylene	0.21 (1)	1.05(1)	mg/L	0.00197	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Anthracene	2.1	10.5	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Benzo(a)anthracene	0.00013	0.00065	mg/L	<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
Benzo(b)fluoranthene	0.00018	0.00900	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Benzo(g,h,i)perylene	0.21 (1)	1.05(1)	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Benzo(k)fluoranthene	0.00017	0.00085	mg/L	<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
Dibenzo(a,h)anthracene	0.0003	0.0015	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Fluoranthene	0.28	1.40	mg/L	0.00011	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Fluorene	0.28	1.40	mg/L	0.00028	<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
Naphthalene	0.14	0.22	mg/L	0.00858	<0.0001	<0.0001	<0.0001	<0.0001	0.00854
Phenanthrene	0.21 (1)	1.05(1)	mg/L	0.00052	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Pyrene	0.21	1.05	mg/L	0.00015	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Cyanide (total) 9012A	0.20	0.60	mg/L	0.008	0.012	0.012	0.038	0.036	0.008

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.

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Constituent exceeds Class I Groundwater Standards.

Constituent exceeds Class II Groundwater Standards.

mg/L Milligrams per liter

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