

August 15, 2011

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



**RE:** A831-735002-012901-225Ameren Champaign  
62409080120

**WorkOrder:** 11080288

Dear Pete Sazama:

TEKLAB, INC received 9 samples on 8/5/2011 12:05:00 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. 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,



Heather A. White  
Project Manager  
(618)344-1004 ex 20  
HWhite@teklabinc.com



## Report Contents

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

---

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080288

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 15-Aug-11

---

**This reporting package includes the following:**

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	4
Laboratory Results	5
Sample Summary	22
Dates Report	23
Quality Control Results	25
Receiving Check List	51
Chain of Custody	Appended

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080288

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 15-Aug-11

### Abbr Definition

- CCV Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.
- DF Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilutions factors.
- DNI Did not ignite
- DUP Laboratory duplicate is an aliquot of a sample taken from the same container under laboratory conditions for independent processing and analysis independently of the original aliquot.
- ICV Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
- IDPH IL Dept. of Public Health
- LCS Laboratory control sample, spiked with verified known amounts of analytes, is analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system. The acceptable recovery range is in the QC Package (provided upon request).
- LCSD Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
- MB Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.
- MDL Method detection limit means the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.
- MS Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).
- MSD Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
- MW Molecular weight
- ND Not Detected at the Reporting Limit
- NELAP NELAP Accredited
- PQL Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions. The acceptable recovery range is listed in the QC Package (provided upon request).
- RL The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.
- RPD Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).
- SPK The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.
- Surr Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.
- TNTC Too numerous to count ( > 200 CFU )

### Qualifiers

- |  |  |
|--|--|
| # - Unknown hydrocarbon                        | B - Analyte detected in associated Method Blank        |
| E - Value above quantitation range             | H - Holding times exceeded                             |
| J - Analyte detected below quantitation limits | M - Manual Integration used to determine area response |
| ND - Not Detected at the Reporting Limit       | R - RPD outside accepted recovery limits               |
| S - Spike Recovery outside recovery limits     | X - Value exceeds Maximum Contaminant Level            |



## Case Narrative

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080288

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 15-Aug-11

**Cooler Receipt Temp:** 2.4 °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 kmclain@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	1/31/2012	Collinsville
Kansas	KDHE	E-10374	NELAP	1/31/2012	Collinsville
Louisiana	LDEQ	166493	NELAP	6/30/2012	Collinsville
Louisiana	LDEQ	166578	NELAP	6/30/2012	Springfield
Arkansas	ADEQ	88-0966		3/14/2012	Collinsville
Illinois	IDPH	17584		4/30/2012	Collinsville
Kentucky	UST	0073		5/26/2012	Collinsville
Missouri	MDNR	00930		4/13/2013	Collinsville
Oklahoma	ODEQ	9978		8/31/2011	Collinsville

Client: PSC Industrial Outsourcing, LP

Work Order: 11080288

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 15-Aug-11

Lab ID: 11080288-001

Client Sample ID: PA3-02 (3)

Matrix: SOLID

Collection Date: 08/01/2011 9:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		32.2	%	1	08/08/2011 8:56	R152937
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.27		11.9	mg/Kg-dry	1	08/09/2011 20:13	70233
Chromium	NELAP	0.91		27.4	mg/Kg-dry	1	08/09/2011 20:13	70233
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.005		ND	mg/Kg-dry	1	08/10/2011 17:38	70274
Acenaphthylene	NELAP	0.005		ND	mg/Kg-dry	1	08/10/2011 17:38	70274
Anthracene	NELAP	0.005		ND	mg/Kg-dry	1	08/10/2011 17:38	70274
Benzo(a)anthracene	NELAP	0.005		ND	mg/Kg-dry	1	08/10/2011 17:38	70274
Benzo(a)pyrene	NELAP	0.005		ND	mg/Kg-dry	1	08/10/2011 17:38	70274
Benzo(b)fluoranthene	NELAP	0.005		ND	mg/Kg-dry	1	08/10/2011 17:38	70274
Benzo(g,h,i)perylene	NELAP	0.005		ND	mg/Kg-dry	1	08/10/2011 17:38	70274
Benzo(k)fluoranthene	NELAP	0.005		ND	mg/Kg-dry	1	08/10/2011 17:38	70274
Bis(2-ethylhexyl)phthalate	NELAP	0.099		ND	mg/Kg-dry	1	08/10/2011 17:38	70274
Chrysene	NELAP	0.005		ND	mg/Kg-dry	1	08/10/2011 17:38	70274
Dibenzo(a,h)anthracene	NELAP	0.005		ND	mg/Kg-dry	1	08/10/2011 17:38	70274
Fluoranthene	NELAP	0.005		ND	mg/Kg-dry	1	08/10/2011 17:38	70274
Fluorene	NELAP	0.005		ND	mg/Kg-dry	1	08/10/2011 17:38	70274
Indeno(1,2,3-cd)pyrene	NELAP	0.005		ND	mg/Kg-dry	1	08/10/2011 17:38	70274
Naphthalene	NELAP	0.005		ND	mg/Kg-dry	1	08/10/2011 17:38	70274
Phenanthrene	NELAP	0.005		ND	mg/Kg-dry	1	08/10/2011 17:38	70274
Pyrene	NELAP	0.005		ND	mg/Kg-dry	1	08/10/2011 17:38	70274
Surr: 2-Fluorobiphenyl		10-131		34.3	%REC	1	08/10/2011 17:38	70274
Surr: Nitrobenzene-d5		10-132		49.9	%REC	1	08/10/2011 17:38	70274
Surr: p-Terphenyl-d14		80.2-138		82.2	%REC	1	08/10/2011 17:38	70274
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	1.3		ND	µg/Kg-dry	1	08/05/2011 17:32	70240
Ethylbenzene	NELAP	6.3		ND	µg/Kg-dry	1	08/05/2011 17:32	70240
Toluene	NELAP	6.3		ND	µg/Kg-dry	1	08/05/2011 17:32	70240
Xylenes, Total	NELAP	6.3		ND	µg/Kg-dry	1	08/05/2011 17:32	70240
Surr: 1,2-Dichloroethane-d4		72.2-131		115.8	%REC	1	08/05/2011 17:32	70240
Surr: 4-Bromofluorobenzene		82.1-116		107.9	%REC	1	08/05/2011 17:32	70240
Surr: Dibromofluoromethane		77.7-120		106.2	%REC	1	08/05/2011 17:32	70240
Surr: Toluene-d8		86-116		103.9	%REC	1	08/05/2011 17:32	70240

Client: PSC Industrial Outsourcing, LP

Work Order: 11080288

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 15-Aug-11

Lab ID: 11080288-002

Client Sample ID: PA3-01 (3)

Matrix: SOLID

Collection Date: 08/01/2011 11:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		23.3	%	1	08/08/2011 8:56	R152937
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.31		9.99	mg/Kg-dry	1	08/09/2011 20:19	70233
Chromium	NELAP	0.93		20.7	mg/Kg-dry	1	08/09/2011 20:19	70233
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	08/10/2011 19:26	70274
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	08/10/2011 19:26	70274
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	08/10/2011 19:26	70274
Benzo(a)anthracene	NELAP	0.004		0.006	mg/Kg-dry	1	08/10/2011 19:26	70274
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	08/10/2011 19:26	70274
Benzo(b)fluoranthene	NELAP	0.004		0.006	mg/Kg-dry	1	08/10/2011 19:26	70274
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	08/10/2011 19:26	70274
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	08/10/2011 19:26	70274
Bis(2-ethylhexyl)phthalate	NELAP	0.087		ND	mg/Kg-dry	1	08/10/2011 19:26	70274
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	08/10/2011 19:26	70274
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	08/10/2011 19:26	70274
Fluoranthene	NELAP	0.004		0.005	mg/Kg-dry	1	08/10/2011 19:26	70274
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	08/10/2011 19:26	70274
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	08/10/2011 19:26	70274
Naphthalene	NELAP	0.004	J	0.004	mg/Kg-dry	1	08/10/2011 19:26	70274
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	08/10/2011 19:26	70274
Pyrene	NELAP	0.004	J	0.004	mg/Kg-dry	1	08/10/2011 19:26	70274
Surr: 2-Fluorobiphenyl		10-131		47.3	%REC	1	08/10/2011 19:26	70274
Surr: Nitrobenzene-d5		10-132		62.3	%REC	1	08/10/2011 19:26	70274
Surr: p-Terphenyl-d14		80.2-138		87.8	%REC	1	08/10/2011 19:26	70274
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	1.1		ND	µg/Kg-dry	1	08/05/2011 18:01	70240
Ethylbenzene	NELAP	5.4		ND	µg/Kg-dry	1	08/05/2011 18:01	70240
Toluene	NELAP	5.4		ND	µg/Kg-dry	1	08/05/2011 18:01	70240
Xylenes, Total	NELAP	5.4		ND	µg/Kg-dry	1	08/05/2011 18:01	70240
Surr: 1,2-Dichloroethane-d4		72.2-131		117.0	%REC	1	08/05/2011 18:01	70240
Surr: 4-Bromofluorobenzene		82.1-116		107.1	%REC	1	08/05/2011 18:01	70240
Surr: Dibromofluoromethane		77.7-120		109.1	%REC	1	08/05/2011 18:01	70240
Surr: Toluene-d8		86-116		105.6	%REC	1	08/05/2011 18:01	70240



# Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080288

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 15-Aug-11

**Lab ID:** 11080288-003

**Client Sample ID:** PA2-06 (3)

**Matrix:** SOLID

**Collection Date:** 08/01/2011 12:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.45		11.7	mg/Kg-dry	1	08/09/2011 20:25	70233



## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080288

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 15-Aug-11

**Lab ID:** 11080288-004

**Client Sample ID:** PA2-05 (3)

**Matrix:** SOLID

**Collection Date:** 08/01/2011 12:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.31		12.5	mg/Kg-dry	1	08/09/2011 20:30	70233





## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080288

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 15-Aug-11

**Lab ID:** 11080288-005

**Client Sample ID:** PA2-04 (3)

**Matrix:** SOLID

**Collection Date:** 08/01/2011 16:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.36		11.2	mg/Kg-dry	1	08/09/2011 20:48	70233



## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080288

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 15-Aug-11

**Lab ID:** 11080288-006

**Client Sample ID:** PA2-03 (3)

**Matrix:** SOLID

**Collection Date:** 08/02/2011 11:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.31		6.33	mg/Kg-dry	1	08/09/2011 20:54	70233



## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080288

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 15-Aug-11

**Lab ID:** 11080288-007

**Client Sample ID:** PA2-02 (3)

**Matrix:** SOLID

**Collection Date:** 08/02/2011 12:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.45		10.4	mg/Kg-dry	1	08/09/2011 21:00	70233

Client: PSC Industrial Outsourcing, LP

Work Order: 11080288

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 15-Aug-11

Lab ID: 11080288-008

Client Sample ID: PA2-01A (3)

Matrix: SOLID

Collection Date: 08/03/2011 14:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		23.4	%	1	08/08/2011 8:56	R152937
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		1.30	J	0.68	mg/Kg-dry	4	08/08/2011 8:27	70238
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	1.30		3.56	mg/Kg-dry	4	08/08/2011 8:27	70237
<b>SW-846 9045C</b>								
pH (1:1)	NELAP	1.00		7.02		1	08/09/2011 18:31	R152977
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.31		7.07	mg/Kg-dry	1	08/09/2011 21:17	70233
Barium	NELAP	0.46		155	mg/Kg-dry	1	08/09/2011 21:17	70233
Cadmium	NELAP	0.19		0.19	mg/Kg-dry	1	08/09/2011 21:17	70233
Chromium	NELAP	0.93		16.1	mg/Kg-dry	1	08/09/2011 21:17	70233
Lead	NELAP	3.70		15.9	mg/Kg-dry	1	08/09/2011 21:17	70233
Silver	NELAP	0.51		< 0.51	mg/Kg-dry	1	08/09/2011 21:17	70233
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.556		< 0.556	mg/Kg-dry	1	08/10/2011 11:31	70232
<b>SW-846 7471A</b>								
Mercury	NELAP	0.013		0.025	mg/Kg-dry	1	08/08/2011 11:00	70245
<b>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</b>								
Diesel	NELAP	6.58	#	35.7	mg/Kg-dry	1	08/10/2011 16:11	70294
Kerosene	NELAP	6.58		ND	mg/Kg-dry	1	08/10/2011 16:11	70294
Mineral Spirits	NELAP	6.58		ND	mg/Kg-dry	1	08/10/2011 16:11	70294
Motor Oil	NELAP	6.58	#	20.1	mg/Kg-dry	1	08/10/2011 16:11	70294
Surr: n-Tetracontane		50.6-140		103.1	%REC	1	08/10/2011 16:11	70294
<b>SW-846 3550B, 8082, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD</b>								
Aroclor 1016	NELAP	49.0		ND	µg/Kg-dry	1	08/10/2011 18:45	70293
Aroclor 1221	NELAP	49.0		ND	µg/Kg-dry	1	08/10/2011 18:45	70293
Aroclor 1232	NELAP	49.0		ND	µg/Kg-dry	1	08/10/2011 18:45	70293
Aroclor 1242	NELAP	49.0		ND	µg/Kg-dry	1	08/10/2011 18:45	70293
Aroclor 1248	NELAP	49.0		ND	µg/Kg-dry	1	08/10/2011 18:45	70293
Aroclor 1254	NELAP	49.0		ND	µg/Kg-dry	1	08/10/2011 18:45	70293
Aroclor 1260	NELAP	49.0		ND	µg/Kg-dry	1	08/10/2011 18:45	70293
Surr: Decachlorobiphenyl		5-156		107.3	%REC	1	08/10/2011 18:45	70293
Surr: Tetrachloro-meta-xylene		7.35-123		83.6	%REC	1	08/10/2011 18:45	70293
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	08/11/2011 9:49	70274
Acenaphthylene	NELAP	0.004		0.069	mg/Kg-dry	1	08/11/2011 9:49	70274
Anthracene	NELAP	0.004		0.015	mg/Kg-dry	1	08/11/2011 9:49	70274
Benzo(a)anthracene	NELAP	0.004		0.009	mg/Kg-dry	1	08/11/2011 9:49	70274
Benzo(a)pyrene	NELAP	0.004		0.007	mg/Kg-dry	1	08/11/2011 9:49	70274
Benzo(b)fluoranthene	NELAP	0.004		0.009	mg/Kg-dry	1	08/11/2011 9:49	70274
Benzo(g,h,i)perylene	NELAP	0.004		0.015	mg/Kg-dry	1	08/11/2011 9:49	70274
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	08/11/2011 9:49	70274
Bis(2-ethylhexyl)phthalate	NELAP	0.087		ND	mg/Kg-dry	1	08/11/2011 9:49	70274
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	08/11/2011 9:49	70274
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	08/11/2011 9:49	70274

Client: PSC Industrial Outsourcing, LP

Work Order: 11080288

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 15-Aug-11

Lab ID: 11080288-008

Client Sample ID: PA2-01A (3)

Matrix: SOLID

Collection Date: 08/03/2011 14:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Fluoranthene	NELAP	0.004	J	0.004	mg/Kg-dry	1	08/11/2011 9:49	70274
Fluorene	NELAP	0.004		0.005	mg/Kg-dry	1	08/11/2011 9:49	70274
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.010	mg/Kg-dry	1	08/11/2011 9:49	70274
Naphthalene	NELAP	0.004		0.007	mg/Kg-dry	1	08/11/2011 9:49	70274
Phenanthrene	NELAP	0.004	J	0.004	mg/Kg-dry	1	08/11/2011 9:49	70274
Pyrene	NELAP	0.004		0.006	mg/Kg-dry	1	08/11/2011 9:49	70274
Surr: 2-Fluorobiphenyl		10-131		78.8	%REC	1	08/11/2011 9:49	70274
Surr: Nitrobenzene-d5		10-132		85.6	%REC	1	08/11/2011 9:49	70274
Surr: p-Terphenyl-d14		80.2-138		111.9	%REC	1	08/11/2011 9:49	70274

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	3.25		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
1,2-Dichlorobenzene	NELAP	3.25		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
1,3-Dichlorobenzene	NELAP	3.25		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
1,4-Dichlorobenzene	NELAP	3.25		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
2,4,5-Trichlorophenol	NELAP	2.28		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
2,4,6-Trichlorophenol	NELAP	2.28		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
2,4-Dichlorophenol	NELAP	3.25		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
2,4-Dimethylphenol	NELAP	3.25		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
2,4-Dinitrophenol	NELAP	6.51		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
2,4-Dinitrotoluene	NELAP	2.28		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
2,6-Dinitrotoluene	NELAP	2.28		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
2-Chloronaphthalene	NELAP	2.28		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
2-Chlorophenol	NELAP	3.25		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
2-Methoxy-4-methylphenol		4.23		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
2-Methylnaphthalene	NELAP	2.28		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
2-Nitroaniline	NELAP	6.51		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
2-Nitrophenol	NELAP	2.28		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
3,3'-Dichlorobenzidine	NELAP	2.28		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
3-Nitroaniline	NELAP	6.51		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
4,6-Dinitro-2-methylphenol	NELAP	6.51		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
4-Bromophenyl phenyl ether	NELAP	2.28		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
4-Chloro-3-methylphenol	NELAP	3.25		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
4-Chloroaniline	NELAP	3.25		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
4-Chlorophenyl phenyl ether	NELAP	2.28		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
4-Nitroaniline	NELAP	3.25		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
4-Nitrophenol	NELAP	2.28		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
Aniline	NELAP	3.25		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
Azobenzene		2.28		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
Benzidine	NELAP	6.87		see note	mg/Kg-dry	5	08/10/2011 16:37	70291
Benzoic acid	NELAP	9.76		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
Benzyl alcohol	NELAP	3.25		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
Bis(2-chloroethoxy)methane	NELAP	2.28		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
Bis(2-chloroethyl)ether	NELAP	3.25		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
Bis(2-chloroisopropyl)ether	NELAP	2.28		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
Butyl benzyl phthalate	NELAP	2.28		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
Carbazole		3.25		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
Dibenzofuran	NELAP	2.28		ND	mg/Kg-dry	5	08/10/2011 16:37	70291

Client: PSC Industrial Outsourcing, LP

Work Order: 11080288

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 15-Aug-11

Lab ID: 11080288-008

Client Sample ID: PA2-01A (3)

Matrix: SOLID

Collection Date: 08/03/2011 14:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Diethyl phthalate	NELAP	3.25		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
Dimethyl phthalate	NELAP	2.28		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
Di-n-butyl phthalate	NELAP	2.28		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
Di-n-octyl phthalate	NELAP	2.28		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
Hexachlorobenzene	NELAP	2.28		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
Hexachlorobutadiene	NELAP	3.25		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
Hexachlorocyclopentadiene	NELAP	2.28		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
Hexachloroethane	NELAP	3.25		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
Isophorone	NELAP	2.28		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
m,p-Cresol	NELAP	3.25		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
Nitrobenzene	NELAP	3.25		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
N-Nitrosodimethylamine	NELAP	3.25		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
N-Nitroso-di-n-propylamine	NELAP	3.25		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
N-Nitrosodiphenylamine	NELAP	3.25		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
o-Cresol	NELAP	3.25		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
Pentachlorophenol	NELAP	13.0		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
Phenol	NELAP	2.28		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
Pyridine	NELAP	3.25		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
1,2-Diphenylhydrazine		5.47		ND	mg/Kg-dry	5	08/10/2011 16:37	70291
Surr: 2,4,6-Tribromophenol		32.7-130		73.2	%REC	5	08/10/2011 16:37	70291
Surr: 2-Fluorobiphenyl		34.1-116		72.3	%REC	5	08/10/2011 16:37	70291
Surr: 2-Fluorophenol		30.5-99		69.3	%REC	5	08/10/2011 16:37	70291
Surr: Nitrobenzene-d5		34.1-101		68.2	%REC	5	08/10/2011 16:37	70291
Surr: Phenol-d5		34.9-110		74.4	%REC	5	08/10/2011 16:37	70291
Surr: p-Terphenyl-d14		41.7-124		86.2	%REC	5	08/10/2011 16:37	70291

Note: Benzidine is currently not reportable while extraction efficiency and recovery are investigated.

Elevated reporting limit(s) due to sample extract composition.

### SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

1,1,1,2-Tetrachloroethane	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
1,1,1-Trichloroethane	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
1,1,2,2-Tetrachloroethane	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
1,1,2-Trichloro-1,2,2-trifluoroethane		5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
1,1,2-Trichloroethane	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
1,1-Dichloro-2-propanone		53.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
1,1-Dichloroethane	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
1,1-Dichloroethene	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
1,1-Dichloropropene	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
1,2,3-Trichlorobenzene	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
1,2,3-Trichloropropane	NELAP	10.7		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
1,2,3-Trimethylbenzene		5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
1,2,4-Trichlorobenzene	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
1,2,4-Trimethylbenzene	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
1,2-Dibromo-3-chloropropane	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
1,2-Dibromoethane	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
1,2-Dichlorobenzene	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
1,2-Dichloroethane	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
1,2-Dichloropropane	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247

Client: PSC Industrial Outsourcing, LP

Work Order: 11080288

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 15-Aug-11

Lab ID: 11080288-008

Client Sample ID: PA2-01A (3)

Matrix: SOLID

Collection Date: 08/03/2011 14:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,3,5-Trimethylbenzene	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
1,3-Dichlorobenzene	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
1,3-Dichloropropane	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
1,4-Dichlorobenzene	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
1-Chlorobutane	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
2,2-Dichloropropane	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
2-Butanone	NELAP	53.3	J	31	µg/Kg-dry	1	08/05/2011 19:06	70247
2-Chlorotoluene	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
2-Hexanone	NELAP	53.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
2-Nitropropane	NELAP	53.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
4-Chlorotoluene	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
4-Methyl-2-pentanone	NELAP	53.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
Acetone	NELAP	53.3		132	µg/Kg-dry	1	08/05/2011 19:06	70247
Acrolein	NELAP	107		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
Acrylonitrile	NELAP	10.7		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
Allyl chloride	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
Benzene	NELAP	1.1		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
Bromobenzene	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
Bromochloromethane	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
Bromodichloromethane	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
Bromoform	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
Bromomethane	NELAP	10.7		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
Carbon disulfide	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
Carbon tetrachloride	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
Chlorobenzene	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
Chloroethane	NELAP	10.7		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
Chloroform	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
Chloromethane	NELAP	10.7		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
cis-1,2-Dichloroethene	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
cis-1,3-Dichloropropene	NELAP	4.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
Cyclohexanone		107		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
Dibromochloromethane	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
Dibromomethane	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
Dichlorodifluoromethane	NELAP	10.7		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
Ethyl acetate	NELAP	53.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
Ethyl ether	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
Ethyl methacrylate	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
Ethylbenzene	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
Heptane		21.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
Hexachlorobutadiene	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
Hexachloroethane	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
Iodomethane	NELAP	10.7		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
Isopropylbenzene	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
m,p-Xylenes	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
Methacrylonitrile	NELAP	53.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
Methyl Methacrylate	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
Methyl tert-butyl ether	NELAP	2.1		ND	µg/Kg-dry	1	08/05/2011 19:06	70247

Client: PSC Industrial Outsourcing, LP

Work Order: 11080288

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 15-Aug-11

Lab ID: 11080288-008

Client Sample ID: PA2-01A (3)

Matrix: SOLID

Collection Date: 08/03/2011 14:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Methylacrylate		10.7		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
Methylene chloride	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
Naphthalene	NELAP	10.7		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
n-Butylbenzene	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
n-Hexane		21.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
Nitrobenzene	NELAP	107		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
n-Propylbenzene	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
o-Xylene	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
Pentachloroethane	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
p-Isopropyltoluene	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
Propionitrile	NELAP	53.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
sec-Butylbenzene	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
Styrene	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
tert-Butylbenzene	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
Tetrachloroethene	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
Tetrahydrofuran	NELAP	53.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
Toluene	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
trans-1,2-Dichloroethene	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
trans-1,3-Dichloropropene	NELAP	4.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
Trichloroethene	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
Trichlorofluoromethane	NELAP	5.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
Vinyl acetate	NELAP	53.3		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
Vinyl chloride	NELAP	2.1		ND	µg/Kg-dry	1	08/05/2011 19:06	70247
Surr: 1,2-Dichloroethane-d4		72.2-131		105.0	%REC	1	08/05/2011 19:06	70247
Surr: 4-Bromofluorobenzene		82.1-116		83.8	%REC	1	08/05/2011 19:06	70247
Surr: Dibromofluoromethane		77.7-120		100.7	%REC	1	08/05/2011 19:06	70247
Surr: Toluene-d8		86-116		105.8	%REC	1	08/05/2011 19:06	70247



Client: PSC Industrial Outsourcing, LP

Work Order: 11080288

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 15-Aug-11

Lab ID: 11080288-009

Client Sample ID: PA2-01B (3)

Matrix: SOLID

Collection Date: 08/03/2011 14:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		26.0	%	1	08/08/2011 8:56	R152937
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		3.38		< 3.38	mg/Kg-dry	10	08/08/2011 8:27	70238
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	3.38		22.6	mg/Kg-dry	10	08/08/2011 8:27	70237
<b>SW-846 9045C</b>								
pH (1:1)	NELAP	1.00		6.70		1	08/09/2011 18:33	R152977
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.50		7.02	mg/Kg-dry	1	08/09/2011 21:23	70233
Barium	NELAP	0.50		154	mg/Kg-dry	1	08/09/2011 21:23	70233
Cadmium	NELAP	0.20		1.16	mg/Kg-dry	1	08/09/2011 21:23	70233
Chromium	NELAP	1.00		18.7	mg/Kg-dry	1	08/09/2011 21:23	70233
Lead	NELAP	4.00		89.9	mg/Kg-dry	1	08/09/2011 21:23	70233
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	08/09/2011 21:23	70233
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.588		< 0.588	mg/Kg-dry	1	08/10/2011 12:05	70232
<b>SW-846 7471A</b>								
Mercury	NELAP	1.33		8.47	mg/Kg-dry	100	08/08/2011 11:00	70245
<b>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</b>								
Diesel	NELAP	6.77	#	55.3	mg/Kg-dry	1	08/10/2011 17:03	70294
Kerosene	NELAP	6.77		ND	mg/Kg-dry	1	08/10/2011 17:03	70294
Mineral Spirits	NELAP	6.77		ND	mg/Kg-dry	1	08/10/2011 17:03	70294
Motor Oil	NELAP	6.77	#	52.2	mg/Kg-dry	1	08/10/2011 17:03	70294
Surr: n-Tetracontane		50.6-140		104.1	%REC	1	08/10/2011 17:03	70294
<b>SW-846 3550B, 8082, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD</b>								
Aroclor 1016	NELAP	50.6		ND	µg/Kg-dry	1	08/10/2011 19:02	70293
Aroclor 1221	NELAP	50.6		ND	µg/Kg-dry	1	08/10/2011 19:02	70293
Aroclor 1232	NELAP	50.6		ND	µg/Kg-dry	1	08/10/2011 19:02	70293
Aroclor 1242	NELAP	50.6		ND	µg/Kg-dry	1	08/10/2011 19:02	70293
Aroclor 1248	NELAP	50.6		ND	µg/Kg-dry	1	08/10/2011 19:02	70293
Aroclor 1254	NELAP	50.6		ND	µg/Kg-dry	1	08/10/2011 19:02	70293
Aroclor 1260	NELAP	50.6		ND	µg/Kg-dry	1	08/10/2011 19:02	70293
Surr: Decachlorobiphenyl		5-156		102.6	%REC	1	08/10/2011 19:02	70293
Surr: Tetrachloro-meta-xylene		7.35-123		83.2	%REC	1	08/10/2011 19:02	70293
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.005		ND	mg/Kg-dry	1	08/11/2011 10:26	70274
Acenaphthylene	NELAP	0.005		0.059	mg/Kg-dry	1	08/11/2011 10:26	70274
Anthracene	NELAP	0.005		0.024	mg/Kg-dry	1	08/11/2011 10:26	70274
Benzo(a)anthracene	NELAP	0.005		0.058	mg/Kg-dry	1	08/11/2011 10:26	70274
Benzo(a)pyrene	NELAP	0.005		0.060	mg/Kg-dry	1	08/11/2011 10:26	70274
Benzo(b)fluoranthene	NELAP	0.005		0.099	mg/Kg-dry	1	08/11/2011 10:26	70274
Benzo(g,h,i)perylene	NELAP	0.005		0.062	mg/Kg-dry	1	08/11/2011 10:26	70274
Benzo(k)fluoranthene	NELAP	0.005		0.034	mg/Kg-dry	1	08/11/2011 10:26	70274
Bis(2-ethylhexyl)phthalate	NELAP	0.090		ND	mg/Kg-dry	1	08/11/2011 10:26	70274
Chrysene	NELAP	0.005		0.071	mg/Kg-dry	1	08/11/2011 10:26	70274
Dibenzo(a,h)anthracene	NELAP	0.005		0.017	mg/Kg-dry	1	08/11/2011 10:26	70274

Client: PSC Industrial Outsourcing, LP

Work Order: 11080288

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 15-Aug-11

Lab ID: 11080288-009

Client Sample ID: PA2-01B (3)

Matrix: SOLID

Collection Date: 08/03/2011 14:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Fluoranthene	NELAP	0.005		<b>0.090</b>	mg/Kg-dry	1	08/11/2011 10:26	70274
Fluorene	NELAP	0.005		<b>0.008</b>	mg/Kg-dry	1	08/11/2011 10:26	70274
Indeno(1,2,3-cd)pyrene	NELAP	0.005		<b>0.052</b>	mg/Kg-dry	1	08/11/2011 10:26	70274
Naphthalene	NELAP	0.005		<b>0.023</b>	mg/Kg-dry	1	08/11/2011 10:26	70274
Phenanthrene	NELAP	0.005		<b>0.064</b>	mg/Kg-dry	1	08/11/2011 10:26	70274
Pyrene	NELAP	0.005		<b>0.090</b>	mg/Kg-dry	1	08/11/2011 10:26	70274
Surr: 2-Fluorobiphenyl		10-131		<b>66.4</b>	%REC	1	08/11/2011 10:26	70274
Surr: Nitrobenzene-d5		10-132		<b>67.9</b>	%REC	1	08/11/2011 10:26	70274
Surr: p-Terphenyl-d14		80.2-138		<b>93.2</b>	%REC	1	08/11/2011 10:26	70274
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	3.37		<b>ND</b>	mg/Kg-dry	5	08/10/2011 18:14	70291
1,2-Dichlorobenzene	NELAP	3.37		<b>ND</b>	mg/Kg-dry	5	08/10/2011 18:14	70291
1,3-Dichlorobenzene	NELAP	3.37		<b>ND</b>	mg/Kg-dry	5	08/10/2011 18:14	70291
1,4-Dichlorobenzene	NELAP	3.37		<b>ND</b>	mg/Kg-dry	5	08/10/2011 18:14	70291
2,4,5-Trichlorophenol	NELAP	2.36		<b>ND</b>	mg/Kg-dry	5	08/10/2011 18:14	70291
2,4,6-Trichlorophenol	NELAP	2.36		<b>ND</b>	mg/Kg-dry	5	08/10/2011 18:14	70291
2,4-Dichlorophenol	NELAP	3.37		<b>ND</b>	mg/Kg-dry	5	08/10/2011 18:14	70291
2,4-Dimethylphenol	NELAP	3.37		<b>ND</b>	mg/Kg-dry	5	08/10/2011 18:14	70291
2,4-Dinitrophenol	NELAP	6.75		<b>ND</b>	mg/Kg-dry	5	08/10/2011 18:14	70291
2,4-Dinitrotoluene	NELAP	2.36		<b>ND</b>	mg/Kg-dry	5	08/10/2011 18:14	70291
2,6-Dinitrotoluene	NELAP	2.36		<b>ND</b>	mg/Kg-dry	5	08/10/2011 18:14	70291
2-Chloronaphthalene	NELAP	2.36		<b>ND</b>	mg/Kg-dry	5	08/10/2011 18:14	70291
2-Chlorophenol	NELAP	3.37		<b>ND</b>	mg/Kg-dry	5	08/10/2011 18:14	70291
2-Methoxy-4-methylphenol		4.39		<b>ND</b>	mg/Kg-dry	5	08/10/2011 18:14	70291
2-Methylnaphthalene	NELAP	2.36		<b>ND</b>	mg/Kg-dry	5	08/10/2011 18:14	70291
2-Nitroaniline	NELAP	6.75		<b>ND</b>	mg/Kg-dry	5	08/10/2011 18:14	70291
2-Nitrophenol	NELAP	2.36		<b>ND</b>	mg/Kg-dry	5	08/10/2011 18:14	70291
3,3'-Dichlorobenzidine	NELAP	2.36		<b>ND</b>	mg/Kg-dry	5	08/10/2011 18:14	70291
3-Nitroaniline	NELAP	6.75		<b>ND</b>	mg/Kg-dry	5	08/10/2011 18:14	70291
4,6-Dinitro-2-methylphenol	NELAP	6.75		<b>ND</b>	mg/Kg-dry	5	08/10/2011 18:14	70291
4-Bromophenyl phenyl ether	NELAP	2.36		<b>ND</b>	mg/Kg-dry	5	08/10/2011 18:14	70291
4-Chloro-3-methylphenol	NELAP	3.37		<b>ND</b>	mg/Kg-dry	5	08/10/2011 18:14	70291
4-Chloroaniline	NELAP	3.37		<b>ND</b>	mg/Kg-dry	5	08/10/2011 18:14	70291
4-Chlorophenyl phenyl ether	NELAP	2.36		<b>ND</b>	mg/Kg-dry	5	08/10/2011 18:14	70291
4-Nitroaniline	NELAP	3.37		<b>ND</b>	mg/Kg-dry	5	08/10/2011 18:14	70291
4-Nitrophenol	NELAP	2.36		<b>ND</b>	mg/Kg-dry	5	08/10/2011 18:14	70291
Aniline	NELAP	3.37		<b>ND</b>	mg/Kg-dry	5	08/10/2011 18:14	70291
Azobenzene		2.36		<b>ND</b>	mg/Kg-dry	5	08/10/2011 18:14	70291
Benzidine	NELAP	7.13		<b>see note</b>	mg/Kg-dry	5	08/10/2011 18:14	70291
Benzoic acid	NELAP	10.1		<b>ND</b>	mg/Kg-dry	5	08/10/2011 18:14	70291
Benzyl alcohol	NELAP	3.37		<b>ND</b>	mg/Kg-dry	5	08/10/2011 18:14	70291
Bis(2-chloroethoxy)methane	NELAP	2.36		<b>ND</b>	mg/Kg-dry	5	08/10/2011 18:14	70291
Bis(2-chloroethyl)ether	NELAP	3.37		<b>ND</b>	mg/Kg-dry	5	08/10/2011 18:14	70291
Bis(2-chloroisopropyl)ether	NELAP	2.36		<b>ND</b>	mg/Kg-dry	5	08/10/2011 18:14	70291
Butyl benzyl phthalate	NELAP	2.36		<b>ND</b>	mg/Kg-dry	5	08/10/2011 18:14	70291
Carbazole		3.37		<b>ND</b>	mg/Kg-dry	5	08/10/2011 18:14	70291
Dibenzofuran	NELAP	2.36		<b>ND</b>	mg/Kg-dry	5	08/10/2011 18:14	70291

Client: PSC Industrial Outsourcing, LP

Work Order: 11080288

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 15-Aug-11

Lab ID: 11080288-009

Client Sample ID: PA2-01B (3)

Matrix: SOLID

Collection Date: 08/03/2011 14:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Diethyl phthalate	NELAP	3.37		ND	mg/Kg-dry	5	08/10/2011 18:14	70291
Dimethyl phthalate	NELAP	2.36		ND	mg/Kg-dry	5	08/10/2011 18:14	70291
Di-n-butyl phthalate	NELAP	2.36		ND	mg/Kg-dry	5	08/10/2011 18:14	70291
Di-n-octyl phthalate	NELAP	2.36		ND	mg/Kg-dry	5	08/10/2011 18:14	70291
Hexachlorobenzene	NELAP	2.36		ND	mg/Kg-dry	5	08/10/2011 18:14	70291
Hexachlorobutadiene	NELAP	3.37		ND	mg/Kg-dry	5	08/10/2011 18:14	70291
Hexachlorocyclopentadiene	NELAP	2.36		ND	mg/Kg-dry	5	08/10/2011 18:14	70291
Hexachloroethane	NELAP	3.37		ND	mg/Kg-dry	5	08/10/2011 18:14	70291
Isophorone	NELAP	2.36		ND	mg/Kg-dry	5	08/10/2011 18:14	70291
m,p-Cresol	NELAP	3.37		ND	mg/Kg-dry	5	08/10/2011 18:14	70291
Nitrobenzene	NELAP	3.37		ND	mg/Kg-dry	5	08/10/2011 18:14	70291
N-Nitrosodimethylamine	NELAP	3.37		ND	mg/Kg-dry	5	08/10/2011 18:14	70291
N-Nitroso-di-n-propylamine	NELAP	3.37		ND	mg/Kg-dry	5	08/10/2011 18:14	70291
N-Nitrosodiphenylamine	NELAP	3.37		ND	mg/Kg-dry	5	08/10/2011 18:14	70291
o-Cresol	NELAP	3.37		ND	mg/Kg-dry	5	08/10/2011 18:14	70291
Pentachlorophenol	NELAP	13.5		ND	mg/Kg-dry	5	08/10/2011 18:14	70291
Phenol	NELAP	2.36		ND	mg/Kg-dry	5	08/10/2011 18:14	70291
Pyridine	NELAP	3.37		ND	mg/Kg-dry	5	08/10/2011 18:14	70291
1,2-Diphenylhydrazine		5.67		ND	mg/Kg-dry	5	08/10/2011 18:14	70291
Surr: 2,4,6-Tribromophenol		32.7-130		68.2	%REC	5	08/10/2011 18:14	70291
Surr: 2-Fluorobiphenyl		34.1-116		65.0	%REC	5	08/10/2011 18:14	70291
Surr: 2-Fluorophenol		30.5-99		60.7	%REC	5	08/10/2011 18:14	70291
Surr: Nitrobenzene-d5		34.1-101		57.5	%REC	5	08/10/2011 18:14	70291
Surr: Phenol-d5		34.9-110		65.2	%REC	5	08/10/2011 18:14	70291
Surr: p-Terphenyl-d14		41.7-124		79.3	%REC	5	08/10/2011 18:14	70291

Note: Benzidine is currently not reportable while extraction efficiency and recovery are investigated.

Elevated reporting limit(s) due to sample extract composition.

### SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

1,1,1,2-Tetrachloroethane	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
1,1,1-Trichloroethane	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
1,1,2,2-Tetrachloroethane	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
1,1,2-Trichloro-1,2,2-trifluoroethane		7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
1,1,2-Trichloroethane	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
1,1-Dichloro-2-propanone		71.0		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
1,1-Dichloroethane	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
1,1-Dichloroethene	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
1,1-Dichloropropene	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
1,2,3-Trichlorobenzene	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
1,2,3-Trichloropropane	NELAP	14.2		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
1,2,3-Trimethylbenzene		7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
1,2,4-Trichlorobenzene	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
1,2,4-Trimethylbenzene	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
1,2-Dibromo-3-chloropropane	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
1,2-Dibromoethane	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
1,2-Dichlorobenzene	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
1,2-Dichloroethane	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
1,2-Dichloropropane	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295

Client: PSC Industrial Outsourcing, LP

Work Order: 11080288

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 15-Aug-11

Lab ID: 11080288-009

Client Sample ID: PA2-01B (3)

Matrix: SOLID

Collection Date: 08/03/2011 14:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,3,5-Trimethylbenzene	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
1,3-Dichlorobenzene	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
1,3-Dichloropropane	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
1,4-Dichlorobenzene	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
1-Chlorobutane	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
2,2-Dichloropropane	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
2-Butanone	NELAP	71.0		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
2-Chlorotoluene	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
2-Hexanone	NELAP	71.0		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
2-Nitropropane	NELAP	71.0		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
4-Chlorotoluene	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
4-Methyl-2-pentanone	NELAP	71.0		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
Acetone	NELAP	71.0		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
Acrolein	NELAP	142		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
Acrylonitrile	NELAP	14.2		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
Allyl chloride	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
Benzene	NELAP	1.4		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
Bromobenzene	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
Bromochloromethane	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
Bromodichloromethane	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
Bromoform	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
Bromomethane	NELAP	14.2		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
Carbon disulfide	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
Carbon tetrachloride	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
Chlorobenzene	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
Chloroethane	NELAP	14.2		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
Chloroform	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
Chloromethane	NELAP	14.2		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
cis-1,2-Dichloroethene	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
cis-1,3-Dichloropropene	NELAP	5.7		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
Cyclohexanone		142		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
Dibromochloromethane	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
Dibromomethane	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
Dichlorodifluoromethane	NELAP	14.2		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
Ethyl acetate	NELAP	71.0		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
Ethyl ether	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
Ethyl methacrylate	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
Ethylbenzene	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
Heptane		28.4		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
Hexachlorobutadiene	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
Hexachloroethane	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
Iodomethane	NELAP	14.2		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
Isopropylbenzene	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
m,p-Xylenes	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
Methacrylonitrile	NELAP	71.0		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
Methyl Methacrylate	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
Methyl tert-butyl ether	NELAP	2.8		ND	µg/Kg-dry	1	08/09/2011 17:14	70295

Client: PSC Industrial Outsourcing, LP

Work Order: 11080288

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 15-Aug-11

Lab ID: 11080288-009

Client Sample ID: PA2-01B (3)

Matrix: SOLID

Collection Date: 08/03/2011 14:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Methylacrylate		14.2		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
Methylene chloride	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
Naphthalene	NELAP	14.2		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
n-Butylbenzene	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
n-Hexane		28.4		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
Nitrobenzene	NELAP	142		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
n-Propylbenzene	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
o-Xylene	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
Pentachloroethane	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
p-Isopropyltoluene	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
Propionitrile	NELAP	71.0		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
sec-Butylbenzene	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
Styrene	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
tert-Butylbenzene	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
Tetrachloroethene	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
Tetrahydrofuran	NELAP	71.0		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
Toluene	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
trans-1,2-Dichloroethene	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
trans-1,3-Dichloropropene	NELAP	5.7		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
Trichloroethene	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
Trichlorofluoromethane	NELAP	7.1		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
Vinyl acetate	NELAP	71.0		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
Vinyl chloride	NELAP	2.8		ND	µg/Kg-dry	1	08/09/2011 17:14	70295
Surr: 1,2-Dichloroethane-d4		72.2-131		100.3	%REC	1	08/09/2011 17:14	70295
Surr: 4-Bromofluorobenzene		82.1-116		83.9	%REC	1	08/09/2011 17:14	70295
Surr: Dibromofluoromethane		77.7-120		101.8	%REC	1	08/09/2011 17:14	70295
Surr: Toluene-d8		86-116		108.3	%REC	1	08/09/2011 17:14	70295

Surrogate recovery and/or internal standard area was outside QC limits due to matrix interference.



## Sample Summary

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080288

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 15-Aug-11

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
11080288-001	PA3-02 (3)	Solid	4	08/01/2011 9:00
11080288-002	PA3-01 (3)	Solid	4	08/01/2011 11:00
11080288-003	PA2-06 (3)	Solid	1	08/01/2011 12:30
11080288-004	PA2-05 (3)	Solid	1	08/01/2011 12:45
11080288-005	PA2-04 (3)	Solid	1	08/01/2011 16:30
11080288-006	PA2-03 (3)	Solid	1	08/02/2011 11:00
11080288-007	PA2-02 (3)	Solid	1	08/02/2011 12:30
11080288-008	PA2-01A (3)	Solid	5	08/03/2011 14:30
11080288-009	PA2-01B (3)	Solid	5	08/03/2011 14:45



## Dates Report

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080288

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 15-Aug-11

Sample ID	Client Sample ID	Collection Date	Received Date	
	Test Name		Prep Date/Time	Analysis Date/Time
11080288-001A	PA3-02 (3)	08/01/2011 9:00	8/5/2011 12:05:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			08/08/2011 8:56
	SW-846 3050B, 6010B, Metals by ICP		08/08/2011 8:16	08/09/2011 20:13
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		08/09/2011 9:00	08/10/2011 17:38
11080288-001D	PA3-02 (3)	08/01/2011 9:00	8/5/2011 12:05:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			08/05/2011 17:32
11080288-002A	PA3-01 (3)	08/01/2011 11:00	8/5/2011 12:05:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			08/08/2011 8:56
	SW-846 3050B, 6010B, Metals by ICP		08/08/2011 8:16	08/09/2011 20:19
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		08/09/2011 9:00	08/10/2011 19:26
11080288-002D	PA3-01 (3)	08/01/2011 11:00	8/5/2011 12:05:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			08/05/2011 18:01
11080288-003A	PA2-06 (3)	08/01/2011 12:30	8/5/2011 12:05:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		08/08/2011 8:16	08/09/2011 20:25
11080288-004A	PA2-05 (3)	08/01/2011 12:45	8/5/2011 12:05:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		08/08/2011 8:16	08/09/2011 20:30
11080288-005A	PA2-04 (3)	08/01/2011 16:30	8/5/2011 12:05:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		08/08/2011 8:16	08/09/2011 20:48
11080288-006A	PA2-03 (3)	08/02/2011 11:00	8/5/2011 12:05:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		08/08/2011 8:16	08/09/2011 20:54
11080288-007A	PA2-02 (3)	08/02/2011 12:30	8/5/2011 12:05:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		08/08/2011 8:16	08/09/2011 21:00
11080288-008A	PA2-01A (3)	08/03/2011 14:30	8/5/2011 12:05:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		08/08/2011 8:16	08/09/2011 21:17
	SW-846 3050B, Metals by GFAA		08/08/2011 8:07	08/10/2011 11:31
	SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID		08/09/2011 20:50	08/10/2011 16:11
	SW-846 3550B, 8082, PolyChlorinated Biphenyls (PCBs) by GC/ECD		08/09/2011 20:48	08/10/2011 18:45
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		08/09/2011 18:09	08/11/2011 9:49
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		08/09/2011 18:09	08/10/2011 16:37
	SW-846 7471A		08/08/2011 9:50	08/08/2011 11:00
11080288-008B	PA2-01A (3)	08/03/2011 14:30	8/5/2011 12:05:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			08/08/2011 8:56
	SW-846 9012A		08/05/2011 18:45	08/08/2011 8:27
	SW-846 9012A (Total)		08/05/2011 18:45	08/08/2011 8:27
	SW-846 9045C			08/09/2011 18:31
11080288-008E	PA2-01A (3)	08/03/2011 14:30	8/5/2011 12:05:00 PM	



## Dates Report

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080288

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 15-Aug-11

Sample ID	Client Sample ID	Collection Date	Received Date	
	Test Name		Prep Date/Time	Analysis Date/Time
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			08/05/2011 19:06
11080288-009A	PA2-01B (3)	08/03/2011 14:45	8/5/2011 12:05:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		08/08/2011 8:16	08/09/2011 21:23
	SW-846 3050B, Metals by GFAA		08/08/2011 8:07	08/10/2011 12:05
	SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID		08/09/2011 20:50	08/10/2011 17:03
	SW-846 3550B, 8082, PolyChlorinated Biphenyls (PCBs) by GC/ECD		08/09/2011 20:48	08/10/2011 19:02
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		08/09/2011 18:09	08/11/2011 10:26
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		08/09/2011 18:09	08/10/2011 18:14
	SW-846 7471A		08/08/2011 9:50	08/08/2011 11:00
11080288-009B	PA2-01B (3)	08/03/2011 14:45	8/5/2011 12:05:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			08/08/2011 8:56
	SW-846 9012A		08/05/2011 18:45	08/08/2011 8:27
	SW-846 9012A (Total)		08/05/2011 18:45	08/08/2011 8:27
	SW-846 9045C			08/09/2011 18:33
11080288-009E	PA2-01B (3)	08/03/2011 14:45	8/5/2011 12:05:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			08/09/2011 17:14





## Quality Control Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080288

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 15-Aug-11

**EPA SW846 3550C, 5035A, ASTM D2974**

Batch R152937    SampType: LCS		Units %								
SampID: LCS-R152937										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Percent Moisture	0.1		99.0	99.0	0	100.0	99.9	100.1	08/08/2011	

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

Batch 70237    SampType: MBLK		Units mg/Kg								
SampID: MB-70237										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide	0.25		< 0.25						08/08/2011	

Batch 70237    SampType: LCS		Units mg/Kg								
SampID: LCS-70237										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide	0.25		1.34	1.25	0	106.9	85	115	08/08/2011	

Batch 70237    SampType: MS		Units mg/Kg-dry								
SampID: 11080288-008BMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide	1.36		5.18	1.63	3.557	99.5	75	125	08/08/2011	

Batch 70237    SampType: MSD		Units mg/Kg-dry		RPD Limit 15						
SampID: 11080288-008BMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Cyanide	1.30		5.60	1.63	3.557	125.0	5.179	7.73	08/08/2011	

**SW-846 9045C**

Batch R152977    SampType: LCS		Units								
SampID: LCS-R152977										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
pH (1:1)	1.00		7.01	7.00	0	100.1	99.1	100.8	08/09/2011	

Batch R152977    SampType: DUP		Units		RPD Limit 10						
SampID: 11080288-008BDUP										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
pH (1:1)	1.00		7.09				7.020	0.99	08/09/2011	

Batch R152977    SampType: DUP		Units		RPD Limit 10						
SampID: 11080288-009BDUP										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
pH (1:1)	1.00		6.71				6.700	0.15	08/09/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080288

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 15-Aug-11

**SW-846 3050B, 6010B, METALS BY ICP**

<b>Batch 70233</b>		<b>SampType: MBLK</b>		<b>Units mg/Kg-dry</b>						
SampID: MB-70233										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Arsenic	2.50		< 2.50	2.50	0	0	-100	100	08/09/2011	
Barium	0.50		< 0.50	0.50	0	0	-100	100	08/09/2011	
Cadmium	0.20		< 0.20	0.20	0	0	-100	100	08/09/2011	
Chromium	1.00		< 1.00	1.00	0	0	-100	100	08/09/2011	
Lead	4.00		< 4.00	4.00	0	0	-100	100	08/09/2011	
Silver	0.55		< 0.55	0.55	0	0	-100	100	08/09/2011	

<b>Batch 70233</b>		<b>SampType: LCS</b>		<b>Units mg/Kg-dry</b>						
SampID: LCS-70233										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Arsenic	2.50		191	200	0	95.4	85	115	08/09/2011	
Barium	0.50		200	200	0	99.8	85	115	08/09/2011	
Cadmium	0.20		4.91	5.00	0	98.2	85	115	08/09/2011	
Chromium	1.00		20.1	20.0	0	100.4	85	115	08/09/2011	
Lead	4.00		48.7	50.0	0	97.3	85	115	08/09/2011	
Silver	0.55		5.02	5.00	0	100.4	85	115	08/09/2011	

<b>Batch 70233</b>		<b>SampType: MS</b>		<b>Units mg/Kg-dry</b>						
SampID: 11080288-004AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Arsenic	2.31		175	185	12.51	87.9	75	125	08/09/2011	

<b>Batch 70233</b>		<b>SampType: MSD</b>		<b>Units mg/Kg-dry</b>				<b>RPD Limit 20</b>		Date Analyzed	
SampID: 11080288-004AMSD											
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Arsenic	2.31		184	185	12.51	92.4	175.4	4.64	08/09/2011		

**SW-846 3050B, METALS BY GFAA**

<b>Batch 70232</b>		<b>SampType: MBLK</b>		<b>Units mg/Kg-dry</b>						
SampID: MB-70232										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Selenium	7740	0.600	< 0.600	0.600	0	0	-100	100	08/10/2011	

<b>Batch 70232</b>		<b>SampType: LCS</b>		<b>Units mg/Kg-dry</b>						
SampID: LCS-70232										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Selenium	7740	0.600	2.72	3.00	0	90.7	80	120	08/10/2011	

<b>Batch 70232</b>		<b>SampType: MS</b>		<b>Units mg/Kg-dry</b>						
SampID: 11080288-009AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Selenium	7740	1.18	3.11	2.94	0	105.6	70	130	08/10/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080288

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 15-Aug-11

**SW-846 3050B, METALS BY GFAA**

Batch 70232		SampType: MSD		Units mg/Kg-dry				RPD Limit 20		Date Analyzed
SampID: 11080288-009AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Selenium	7740	1.18	3.62	2.94	0	123.1	3.107	15.30	08/10/2011	

**SW-846 7471A**

Batch 70245		SampType: MBLK		Units mg/Kg				Low Limit High Limit		Date Analyzed
SampID: MB-70245										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury	0.010		< 0.010	0.010	0	0	-100	100	08/08/2011	

Batch 70245		SampType: LCS		Units mg/Kg				Low Limit High Limit		Date Analyzed
SampID: LCS-70245										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury	0.010		0.272	0.250	0	108.8	85	115	08/08/2011	

Batch 70245		SampType: MS		Units mg/Kg-dry				Low Limit High Limit		Date Analyzed
SampID: 11080288-008AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury	0.013		0.372	0.322	0.02513	107.8	75	125	08/08/2011	

Batch 70245		SampType: MSD		Units mg/Kg-dry				RPD Limit 15		Date Analyzed
SampID: 11080288-008AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Mercury	0.013		0.367	0.322	0.02513	106.0	0.3725	1.57	08/08/2011	

**SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID**

Batch 70294		SampType: MBLK		Units mg/Kg				Low Limit High Limit		Date Analyzed
SampID: MB-70294										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Diesel	5.00		ND						08/10/2011	
Kerosene	5.00		ND						08/10/2011	
Mineral Spirits	5.00		ND						08/10/2011	
Motor Oil	5.00		ND						08/10/2011	
Surr: n-Tetracontane			0.60	0.67		89.8	54.8	128	08/10/2011	

Batch 70294		SampType: LCS		Units mg/Kg				Low Limit High Limit		Date Analyzed
SampID: LCS-70294										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Diesel	5.00		16.2	16.7	0	96.8	40.4	121	08/10/2011	
Surr: n-Tetracontane			0.66	0.67		99.1	54.8	128	08/10/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080288

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 15-Aug-11

**SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID**

Batch 70294		SampType: MS		Units mg/Kg-dry				RPD Limit 34		Date Analyzed
SampID: 11080288-008AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Diesel	6.57		47.3	21.9	35.68	53.0	20.3	167	08/10/2011	
Surr: n-Tetracontane			0.86	0.88		97.2	53.9	153	08/10/2011	

Batch 70294		SampType: MSD		Units mg/Kg-dry				RPD Limit 34		Date Analyzed
SampID: 11080288-008AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Diesel	6.58		56.2	22.0	35.68	93.3	47.32	17.11	08/10/2011	
Surr: n-Tetracontane			0.95	0.88		107.3			08/10/2011	

**SW-846 3550B, 8082, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD**

Batch 70293		SampType: MBLK		Units µg/Kg				RPD Limit 34		Date Analyzed
SampID: MB-70293										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Aroclor 1016	37.5		ND						08/10/2011	
Aroclor 1221	37.5		ND						08/10/2011	
Aroclor 1232	37.5		ND						08/10/2011	
Aroclor 1242	37.5		ND						08/10/2011	
Aroclor 1248	37.5		ND						08/10/2011	
Aroclor 1254	37.5		ND						08/10/2011	
Aroclor 1260	37.5		ND						08/10/2011	
Surr: Decachlorobiphenyl			9.0	8.3		107.9	86.4	159	08/10/2011	
Surr: Tetrachloro-meta-xylene			5.5	8.3		66.8	31.6	114	08/10/2011	

Batch 70293		SampType: LCS		Units µg/Kg				RPD Limit 34		Date Analyzed
SampID: LCSPCB-70293										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Aroclor 1016	37.5		135	167	0	81.2	54.9	121	08/10/2011	
Aroclor 1260	37.5		175	167	0	104.9	65.5	133	08/10/2011	
Surr: Decachlorobiphenyl			9.4	8.3		112.7	86.4	159	08/10/2011	
Surr: Tetrachloro-meta-xylene			6.2	8.3		74.5	31.6	114	08/10/2011	

Batch 70293		SampType: MS		Units µg/Kg-dry				RPD Limit 34		Date Analyzed
SampID: 11080288-009AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Aroclor 1016	50.7		171	225	0	76.1	35.8	143	08/10/2011	
Aroclor 1260	50.7		209	225	0	92.7	22.3	152	08/10/2011	
Surr: Decachlorobiphenyl			11.7	11.2		104.3	5	156	08/10/2011	
Surr: Tetrachloro-meta-xylene			8.5	11.2		75.7	7.35	123	08/10/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080288

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 15-Aug-11

**SW-846 3550B, 8082, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD**

Batch 70293		SampType: MSD		Units µg/Kg-dry				RPD Limit 40		Date Analyzed
SampID: 11080288-009AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Aroclor 1016	50.7		156	225	0	69.1	171.5	9.57	08/10/2011	
Aroclor 1260	50.7		189	225	0	84.0	208.7	9.77	08/10/2011	
Surr: Decachlorobiphenyl			10.9	11.2		97.1			08/10/2011	
Surr: Tetrachloro-meta-xylene			8.4	11.2		74.6			08/10/2011	

**SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS**

Batch 70274		SampType: MBLK		Units mg/Kg						Date Analyzed
SampID: MB-70274										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Acenaphthene	0.003		ND						08/09/2011	
Acenaphthylene	0.003		ND						08/09/2011	
Anthracene	0.003		ND						08/09/2011	
Benzo(a)anthracene	0.003		ND						08/09/2011	
Benzo(a)pyrene	0.003		ND						08/09/2011	
Benzo(b)fluoranthene	0.003		ND						08/09/2011	
Benzo(g,h,i)perylene	0.003		ND						08/09/2011	
Benzo(k)fluoranthene	0.003		ND						08/09/2011	
Bis(2-ethylhexyl)phthalate	0.067		ND						08/09/2011	
Chrysene	0.003		ND						08/09/2011	
Dibenzo(a,h)anthracene	0.003		ND						08/09/2011	
Fluoranthene	0.003		ND						08/09/2011	
Fluorene	0.003		ND						08/09/2011	
Indeno(1,2,3-cd)pyrene	0.003		ND						08/09/2011	
Naphthalene	0.003		ND						08/09/2011	
Phenanthrene	0.003		ND						08/09/2011	
Pyrene	0.003		ND						08/09/2011	
Surr: 2-Fluorobiphenyl			0.225	0.334		67.5	45.7	89.2	08/09/2011	
Surr: Nitrobenzene-d5			0.222	0.334		66.6	31.4	100	08/09/2011	
Surr: p-Terphenyl-d14			0.328	0.334		98.1	53.3	124	08/09/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11080288

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 15-Aug-11

## SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 70274		SampType: LCS		Units mg/Kg						
SampID: LCS-70274										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.003		0.134	0.167	0	80.2	56.3	115	08/09/2011	
Acenaphthylene	0.003		0.135	0.167	0	81.0	60.3	143	08/09/2011	
Anthracene	0.003		0.129	0.167	0	77.0	52.1	109	08/09/2011	
Benzo(a)anthracene	0.003		0.128	0.167	0	76.6	52.8	112	08/09/2011	
Benzo(a)pyrene	0.003		0.110	0.167	0	66.1	40.8	127	08/09/2011	
Benzo(b)fluoranthene	0.003		0.139	0.167	0	83.0	50.1	150	08/09/2011	
Benzo(g,h,i)perylene	0.003		0.141	0.167	0	84.6	52.8	145	08/09/2011	
Benzo(k)fluoranthene	0.003		0.138	0.167	0	82.4	52	153	08/09/2011	
Bis(2-ethylhexyl)phthalate	0.067		0.162	0.167	0	97.2	50	150	08/09/2011	
Chrysene	0.003		0.137	0.167	0	82.0	60.8	128	08/09/2011	
Dibenzo(a,h)anthracene	0.003		0.140	0.167	0	83.8	54.9	150	08/09/2011	
Fluoranthene	0.003		0.143	0.167	0	85.6	58.7	125	08/09/2011	
Fluorene	0.003		0.139	0.167	0	83.4	57.8	125	08/09/2011	
Indeno(1,2,3-cd)pyrene	0.003		0.140	0.167	0	83.8	52	147	08/09/2011	
Naphthalene	0.003		0.126	0.167	0	75.6	54.8	113	08/09/2011	
Phenanthrene	0.003		0.135	0.167	0	80.6	60.4	121	08/09/2011	
Pyrene	0.003		0.141	0.167	0	84.4	57.9	129	08/09/2011	
Surr: 2-Fluorobiphenyl			0.119	0.167		71.3	45.7	89.2	08/09/2011	
Surr: Nitrobenzene-d5			0.115	0.167		68.7	31.4	100	08/09/2011	
Surr: p-Terphenyl-d14			0.178	0.167		106.4	53.3	124	08/09/2011	

Batch 70274		SampType: MS		Units mg/Kg-dry						
SampID: 11080288-001AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.005		0.188	0.247	0	76.0	36	135	08/10/2011	
Acenaphthylene	0.005		0.189	0.247	0	76.4	17.2	167	08/10/2011	
Anthracene	0.005		0.182	0.247	0	73.7	39.3	124	08/10/2011	
Benzo(a)anthracene	0.005		0.187	0.247	0	75.6	10	183	08/10/2011	
Benzo(a)pyrene	0.005		0.178	0.247	0	72.3	10	204	08/10/2011	
Benzo(b)fluoranthene	0.005		0.211	0.247	0	85.4	10.6	178	08/10/2011	
Benzo(g,h,i)perylene	0.005		0.161	0.247	0	65.3	10	168	08/10/2011	
Benzo(k)fluoranthene	0.005		0.205	0.247	0	83.2	27.6	181	08/10/2011	
Bis(2-ethylhexyl)phthalate	0.099		0.245	0.247	0	99.2	50	150	08/10/2011	
Chrysene	0.005		0.198	0.247	0	80.2	10	176	08/10/2011	
Dibenzo(a,h)anthracene	0.005		0.178	0.247	0	72.3	12.2	156	08/10/2011	
Fluoranthene	0.005		0.201	0.247	0	81.4	10	227	08/10/2011	
Fluorene	0.005		0.194	0.247	0	78.6	35.2	148	08/10/2011	
Indeno(1,2,3-cd)pyrene	0.005		0.176	0.247	0	71.3	10	164	08/10/2011	
Naphthalene	0.005		0.176	0.247	0	71.3	14.7	128	08/10/2011	
Phenanthrene	0.005		0.191	0.247	0	77.4	32.8	143	08/10/2011	
Pyrene	0.005		0.200	0.247	0	81.2	10	180	08/10/2011	
Surr: 2-Fluorobiphenyl			0.143	0.247		58.1	10	131	08/10/2011	
Surr: Nitrobenzene-d5			0.170	0.247		68.9	10	132	08/10/2011	
Surr: p-Terphenyl-d14			0.236	0.247		95.8	30.6	131	08/10/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080288

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 15-Aug-11

**SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS**

Batch 70274		SampType: MSD		Units mg/Kg-dry				RPD Limit 49.7		Date Analyzed
SampID: 11080288-001AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Acenaphthene	0.005		0.180	0.246	0	73.1	0.1875	4.12	08/10/2011	
Acenaphthylene	0.005		0.180	0.246	0	73.1	0.1885	4.64	08/10/2011	
Anthracene	0.005		0.168	0.246	0	68.1	0.1816	7.99	08/10/2011	
Benzo(a)anthracene	0.005		0.178	0.246	0	72.3	0.1865	4.69	08/10/2011	
Benzo(a)pyrene	0.005		0.177	0.246	0	71.7	0.1782	0.93	08/10/2011	
Benzo(b)fluoranthene	0.005		0.199	0.246	0	80.8	0.2106	5.62	08/10/2011	
Benzo(g,h,i)perylene	0.005		0.152	0.246	0	61.7	0.1609	5.76	08/10/2011	
Benzo(k)fluoranthene	0.005		0.202	0.246	0	81.8	0.2052	1.79	08/10/2011	
Bis(2-ethylhexyl)phthalate	0.099		0.228	0.246	0	92.6	0.2446	6.97	08/10/2011	
Chrysene	0.005		0.187	0.246	0	76.0	0.1979	5.46	08/10/2011	
Dibenzo(a,h)anthracene	0.005		0.168	0.246	0	68.1	0.1782	6.07	08/10/2011	
Fluoranthene	0.005		0.189	0.246	0	76.6	0.2008	6.16	08/10/2011	
Fluorene	0.005		0.186	0.246	0	75.6	0.1939	3.98	08/10/2011	
Indeno(1,2,3-cd)pyrene	0.005		0.164	0.246	0	66.7	0.1757	6.76	08/10/2011	
Naphthalene	0.005		0.168	0.246	0	68.1	0.1757	4.68	08/10/2011	
Phenanthrene	0.005		0.179	0.246	0	72.9	0.1910	6.21	08/10/2011	
Pyrene	0.005		0.187	0.246	0	76.0	0.2003	6.70	08/10/2011	
Surr: 2-Fluorobiphenyl			0.067	0.246		27.1			08/10/2011	
Surr: Nitrobenzene-d5			0.129	0.246		52.3			08/10/2011	
Surr: p-Terphenyl-d14			0.212	0.246		86.2			08/10/2011	

Batch 70291		SampType: MBLK		Units %REC						Date Analyzed
SampID: MB-70291										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Surr: p-Terphenyl-d14			0.721	0.835		86.3	45.5	115	08/10/2011	

Batch 70291		SampType: LCS		Units %REC						Date Analyzed
SampID: LCS-70291										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Surr: p-Terphenyl-d14			0.721	0.835		86.3	45.5	115	08/10/2011	

Batch 70291		SampType: LCS		Units %REC						Date Analyzed
SampID: LCSDRO-70291										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Surr: p-Terphenyl-d14			0.708	0.835		84.7	45.5	115	08/10/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11080288

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 15-Aug-11

## SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 70291	SampType: MBLK	Units mg/Kg								Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
SampID: MB-70291										
1,2,4-Trichlorobenzene	0.500		ND						08/10/2011	
1,2-Dichlorobenzene	0.500		ND						08/10/2011	
1,3-Dichlorobenzene	0.500		ND						08/10/2011	
1,4-Dichlorobenzene	0.500		ND						08/10/2011	
2,4,5-Trichlorophenol	0.350		ND						08/10/2011	
2,4,6-Trichlorophenol	0.350		ND						08/10/2011	
2,4-Dichlorophenol	0.500		ND						08/10/2011	
2,4-Dimethylphenol	0.500		ND						08/10/2011	
2,4-Dinitrophenol	1.00		ND						08/10/2011	
2,4-Dinitrotoluene	0.350		ND						08/10/2011	
2,6-Dinitrotoluene	0.350		ND						08/10/2011	
2-Chloronaphthalene	0.350		ND						08/10/2011	
2-Chlorophenol	0.500		ND						08/10/2011	
2-Methoxy-4-methylphenol	0.650		ND						08/10/2011	
2-Methylnaphthalene	0.350		ND						08/10/2011	
2-Nitroaniline	1.00		ND						08/10/2011	
2-Nitrophenol	0.350		ND						08/10/2011	
3,3'-Dichlorobenzidine	0.350		ND						08/10/2011	
3-Nitroaniline	1.00		ND						08/10/2011	
4,6-Dinitro-2-methylphenol	1.00		ND						08/10/2011	
4-Bromophenyl phenyl ether	0.350		ND						08/10/2011	
4-Chloro-3-methylphenol	0.500		ND						08/10/2011	
4-Chloroaniline	0.500		ND						08/10/2011	
4-Chlorophenyl phenyl ether	0.350		ND						08/10/2011	
4-Nitroaniline	0.500		ND						08/10/2011	
4-Nitrophenol	0.350		ND						08/10/2011	
Aniline	0.500		ND						08/10/2011	
Azobenzene	0.350		ND						08/10/2011	
Benzidine	1.06		ND						08/10/2011	
Benzoic acid	1.50		ND						08/10/2011	
Benzyl alcohol	0.500		ND						08/10/2011	
Bis(2-chloroethoxy)methane	0.350		ND						08/10/2011	
Bis(2-chloroethyl)ether	0.500		ND						08/10/2011	
Bis(2-chloroisopropyl)ether	0.350		ND						08/10/2011	
Butyl benzyl phthalate	0.350		ND						08/10/2011	
Carbazole	0.500		ND						08/10/2011	
Dibenzofuran	0.350		ND						08/10/2011	
Diethyl phthalate	0.500		ND						08/10/2011	
Dimethyl phthalate	0.350		ND						08/10/2011	
Di-n-butyl phthalate	0.350		ND						08/10/2011	
Di-n-octyl phthalate	0.350		ND						08/10/2011	
Hexachlorobenzene	0.350		ND						08/10/2011	
Hexachlorobutadiene	0.500		ND						08/10/2011	
Hexachlorocyclopentadiene	0.350		ND						08/10/2011	
Hexachloroethane	0.500		ND						08/10/2011	
Isophorone	0.350		ND						08/10/2011	
m,p-Cresol	0.500		ND						08/10/2011	





## Quality Control Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080288

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 15-Aug-11

### SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 70291		SampType: MBLK		Units mg/Kg						
SampID: MB-70291										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrobenzene	0.500		ND						08/10/2011	
N-Nitrosodimethylamine	0.500		ND						08/10/2011	
N-Nitroso-di-n-propylamine	0.500		ND						08/10/2011	
N-Nitrosodiphenylamine	0.500		ND						08/10/2011	
o-Cresol	0.500		ND						08/10/2011	
Pentachlorophenol	2.00		ND						08/10/2011	
Phenol	0.350		ND						08/10/2011	
Pyridine	0.500		ND						08/10/2011	
1,2-Diphenylhydrazine	0.840		ND						08/10/2011	
Surr: 2,4,6-Tribromophenol			1.41	1.67		84.3	52.1	113	08/10/2011	
Surr: 2-Fluorobiphenyl			0.694	0.835		83.1	46.3	106	08/10/2011	
Surr: 2-Fluorobiphenyl			0.699	0.835		83.7	46.3	106	08/10/2011	
Surr: 2-Fluorophenol			1.19	1.67		71.3	50.6	89	08/10/2011	
Surr: Nitrobenzene-d5			0.498	0.835		59.6	42.4	99.2	08/10/2011	
Surr: Nitrobenzene-d5			0.643	0.835		77.0	42.4	99.2	08/10/2011	
Surr: Phenol-d5			1.26	1.67		75.4	55.9	98.5	08/10/2011	
Surr: p-Terphenyl-d14			0.716	0.835		85.8	45.5	115	08/10/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11080288

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 15-Aug-11

## SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 70291		SampType: LCS		Units mg/Kg						
SampID: LCS-70291										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,2,4-Trichlorobenzene	0.500		1.33	1.67	0	79.9	43.9	92.2	08/10/2011	
1,4-Dichlorobenzene	0.500		1.19	1.67	0	71.2	43.8	84.1	08/10/2011	
2,4,5-Trichlorophenol	0.350		2.61	3.33	0	78.3	38.6	123	08/10/2011	
2,4,6-Trichlorophenol	0.350		2.50	3.33	0	75.0	35.9	123	08/10/2011	
2,4-Dimethylphenol	0.500		1.97	3.33	0	59.2	38.3	88	08/10/2011	
2,4-Dinitrophenol	1.00		2.27	3.33	0	68.1	1.88	162	08/10/2011	
2,4-Dinitrotoluene	0.350		1.28	1.67	0	76.7	48.6	102	08/10/2011	
2-Chlorophenol	0.500		2.14	3.33	0	64.2	46.6	84	08/10/2011	
4-Chloro-3-methylphenol	0.500		2.38	3.33	0	71.4	51.5	94.9	08/10/2011	
4-Nitrophenol	0.350		2.30	3.33	0	69.2	53.2	104	08/10/2011	
Diethyl phthalate	0.500		2.44	3.33	0	73.3	51.7	106	08/10/2011	
Dimethyl phthalate	0.350		2.51	3.33	0	75.4	58.8	104	08/10/2011	
Di-n-butyl phthalate	0.350		1.35	1.67	0	80.7	54.3	105	08/10/2011	
Hexachlorobenzene	0.350		2.87	3.33	0	86.2	55.9	106	08/10/2011	
Hexachlorobutadiene	0.500		2.45	3.33	0	73.5	35.7	100	08/10/2011	
Hexachloroethane	0.500		2.10	3.33	0	63.0	38.9	89.9	08/10/2011	
m,p-Cresol	0.500		1.11	1.67	0	66.4	37.6	93.7	08/10/2011	
Nitrobenzene	0.500		2.25	3.33	0	67.6	51.8	104	08/10/2011	
N-Nitroso-di-n-propylamine	0.500		1.15	1.67	0	69.0	49.1	94.5	08/10/2011	
o-Cresol	0.500		1.10	1.67	0	65.9	43	101	08/10/2011	
Pentachlorophenol	2.00		2.48	3.33	0	74.5	42.2	102	08/10/2011	
Phenol	0.350		2.27	3.33	0	68.3	41.6	81.3	08/10/2011	
Pyridine	0.500		1.82	3.33	0	54.7	3.61	74.3	08/10/2011	
Surr: 2,4,6-Tribromophenol			1.35	1.67		81.0	52.1	113	08/10/2011	
Surr: 2-Fluorobiphenyl			0.619	0.835		74.2	46.3	106	08/10/2011	
Surr: 2-Fluorobiphenyl			0.652	0.835		78.1	46.3	106	08/10/2011	
Surr: 2-Fluorophenol			1.12	1.67		67.3	50.6	89	08/10/2011	
Surr: Nitrobenzene-d5			0.537	0.835		64.4	42.4	99.2	08/10/2011	
Surr: Nitrobenzene-d5			0.499	0.835		59.8	42.4	99.2	08/10/2011	
Surr: Phenol-d5			1.17	1.67		69.9	55.9	98.5	08/10/2011	
Surr: p-Terphenyl-d14			0.735	0.835		88.0	45.5	115	08/10/2011	

Batch 70291		SampType: LCS		Units %REC						
SampID: LCSDRO-70291										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: 2-Fluorobiphenyl			0.639	0.835		76.5	46.3	106	08/10/2011	
Surr: Nitrobenzene-d5			0.452	0.835		54.1	42.4	99.2	08/10/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080288

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 15-Aug-11

**SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS**

**Batch** 70291      **SampType:** MS

Units **mg/Kg-dry**

SampID: 11080288-008AMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
1,2,4-Trichlorobenzene	3.25	J	1.8	2.17	0	83.7	35.9	102	08/10/2011
1,4-Dichlorobenzene	3.25	J	1.5	2.17	0	71.0	29.8	95.5	08/10/2011
2,4,5-Trichlorophenol	2.28		3.61	4.33	0	83.3	38.6	123	08/10/2011
2,4,6-Trichlorophenol	2.28		3.61	4.33	0	83.3	35.9	123	08/10/2011
2,4-Dimethylphenol	3.25	J	2.7	4.33	0	62.4	38.3	88	08/10/2011
2,4-Dinitrophenol	6.51	J	1.7	4.33	0	38.5	1.88	162	08/10/2011
2,4-Dinitrotoluene	2.28	J	1.7	2.17	0	76.7	37.5	107	08/10/2011
2-Chlorophenol	3.25	J	2.8	4.33	0	64.2	22.6	108	08/10/2011
4-Chloro-3-methylphenol	3.25	J	3.1	4.33	0	71.6	19.3	131	08/10/2011
4-Nitrophenol	2.28		2.61	4.33	0	60.3	27.6	123	08/10/2011
Diethyl phthalate	3.25		3.30	4.33	0	76.3	51.7	106	08/10/2011
Dimethyl phthalate	2.28		3.30	4.33	0	76.2	58.8	104	08/10/2011
Di-n-butyl phthalate	2.28	J	1.8	2.17	0	80.4	54.3	105	08/10/2011
Hexachlorobenzene	2.28		3.89	4.33	0	89.9	55.9	106	08/10/2011
Hexachlorobutadiene	3.25		3.46	4.33	0	79.9	35.7	100	08/10/2011
Hexachloroethane	3.25	J	2.7	4.33	0	61.9	38.9	89.9	08/10/2011
m,p-Cresol	3.25	J	1.4	2.17	0	62.0	37.6	93.7	08/10/2011
Nitrobenzene	3.25	J	3.1	4.33	0	71.5	51.8	104	08/10/2011
N-Nitroso-di-n-propylamine	3.25	J	1.5	2.17	0	69.4	45.5	99.1	08/10/2011
o-Cresol	3.25	J	1.3	2.17	0	61.7	43	101	08/10/2011
Pentachlorophenol	13.0	J	2.0	4.33	0	46.0	18.5	113	08/10/2011
Phenol	2.28		3.02	4.33	0	69.7	20.8	110	08/10/2011
Pyridine	3.25	J	2.3	4.33	0	52.9	3.61	74.3	08/10/2011
Surr: 2,4,6-Tribromophenol			1.45	2.17		66.5	32.7	130	08/10/2011
Surr: 2-Fluorobiphenyl			0.622	1.09		57.2	34.1	116	08/10/2011
Surr: 2-Fluorophenol			1.27	2.17		58.5	30.5	99	08/10/2011
Surr: Nitrobenzene-d5			0.598	1.09		55.0	34.1	101	08/10/2011
Surr: Phenol-d5			1.37	2.17		62.9	34.9	110	08/10/2011
Surr: p-Terphenyl-d14			0.857	1.09		78.9	41.7	124	08/10/2011

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080288

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 15-Aug-11

### SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 70291		SampType: MSD		Units mg/Kg-dry				RPD Limit 40		Date Analyzed
SampID: 11080288-008AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
1,2,4-Trichlorobenzene	3.25	J	1.7	2.17	0	79.9	1.818	0.00	08/10/2011	
1,4-Dichlorobenzene	3.25	J	1.6	2.17	0	71.2	1.544	0.00	08/10/2011	
2,4,5-Trichlorophenol	2.28		3.95	4.33	0	91.2	3.610	8.95	08/10/2011	
2,4,6-Trichlorophenol	2.28		3.48	4.33	0	80.5	3.608	3.49	08/10/2011	
2,4-Dimethylphenol	3.25	J	2.8	4.33	0	65.0	2.705	0.00	08/10/2011	
2,4-Dinitrophenol	6.50	J	1.8	4.33	0	42.6	1.668	0.00	08/10/2011	
2,4-Dinitrotoluene	2.28	J	1.6	2.17	0	76.1	1.667	0.00	08/10/2011	
2-Chlorophenol	3.25	J	3.1	4.33	0	72.4	2.782	0.00	08/10/2011	
4-Chloro-3-methylphenol	3.25	J	3.1	4.33	0	71.0	3.103	0.00	08/10/2011	
4-Nitrophenol	2.28		2.94	4.33	0	67.8	2.614	11.57	08/10/2011	
Diethyl phthalate	3.25		3.37	4.33	0	77.9	3.304	2.06	08/10/2011	
Dimethyl phthalate	2.28		3.42	4.33	0	79.1	3.301	3.69	08/10/2011	
Di-n-butyl phthalate	2.28	J	1.7	2.17	0	79.1	1.747	0.00	08/10/2011	
Hexachlorobenzene	2.28		3.77	4.33	0	87.1	3.894	3.15	08/10/2011	
Hexachlorobutadiene	3.25		3.75	4.33	0	86.6	3.460	7.98	08/10/2011	
Hexachloroethane	3.25	J	2.9	4.33	0	66.8	2.682	0.00	08/10/2011	
m,p-Cresol	3.25	J	1.5	2.17	0	70.2	1.348	0.00	08/10/2011	
Nitrobenzene	3.25	J	3.1	4.33	0	72.3	3.097	0.00	08/10/2011	
N-Nitroso-di-n-propylamine	3.25	J	1.5	2.17	0	68.0	1.508	0.00	08/10/2011	
o-Cresol	3.25	J	1.5	2.17	0	67.4	1.341	0.00	08/10/2011	
Pentachlorophenol	13.0	J	2.1	4.33	0	48.5	1.991	0.00	08/10/2011	
Phenol	2.28		3.25	4.33	0	75.0	3.018	7.37	08/10/2011	
Pyridine	3.25	J	2.6	4.33	0	59.9	2.294	0.00	08/10/2011	
Surr: 2,4,6-Tribromophenol			1.51	2.17		69.5			08/10/2011	
Surr: 2-Fluorobiphenyl			0.658	1.09		60.6			08/10/2011	
Surr: 2-Fluorophenol			1.31	2.17		60.5			08/10/2011	
Surr: Nitrobenzene-d5			0.658	1.09		60.6			08/10/2011	
Surr: Phenol-d5			1.49	2.17		68.8			08/10/2011	
Surr: p-Terphenyl-d14			0.881	1.09		81.2			08/10/2011	

### SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 70240		SampType: MBLK		Units µg/Kg						Date Analyzed
SampID: MBLK-G110805-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	1.0		ND						08/05/2011	
Ethylbenzene	5.0		ND						08/05/2011	
Toluene	5.0		ND						08/05/2011	
Xylenes, Total	5.0		ND						08/05/2011	
Surr: 1,2-Dichloroethane-d4			54.9	50.0		109.7	72.2	131	08/05/2011	
Surr: 4-Bromofluorobenzene			56.2	50.0		112.4	82.1	116	08/05/2011	
Surr: Dibromofluoromethane			52.2	50.0		104.4	77.7	120	08/05/2011	
Surr: Toluene-d8			51.8	50.0		103.6	86	116	08/05/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080288

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 15-Aug-11

**SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS**

Batch 70240		SampType: LCSD		Units µg/Kg				RPD Limit 40		Date Analyzed
SampID: LCSD-G110805-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Benzene	1.0		<b>46.4</b>	50.0	0	92.9	49.43	6.26	08/05/2011	
Ethylbenzene	5.0		<b>49.6</b>	50.0	0	99.3	53.34	7.19	08/05/2011	
Toluene	5.0		<b>47.4</b>	50.0	0	94.7	49.39	4.22	08/05/2011	
Xylenes, Total	5.0		<b>152</b>	150	0	101.2	162.2	6.68	08/05/2011	
Surr: 1,2-Dichloroethane-d4			<b>54.7</b>	50.0		109.3			08/05/2011	
Surr: 4-Bromofluorobenzene			<b>55.9</b>	50.0		111.7			08/05/2011	
Surr: Dibromofluoromethane			<b>52.6</b>	50.0		105.3			08/05/2011	
Surr: Toluene-d8			<b>51.1</b>	50.0		102.2			08/05/2011	

Batch 70240		SampType: LCS		Units µg/Kg						Date Analyzed
SampID: LCS-G110805-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	1.0		<b>49.4</b>	50.0	0	98.9	73.9	109	08/05/2011	
Ethylbenzene	5.0		<b>53.3</b>	50.0	0	106.7	84.1	115	08/05/2011	
Toluene	5.0		<b>49.4</b>	50.0	0	98.8	79.1	112	08/05/2011	
Xylenes, Total	5.0		<b>162</b>	150	0	108.1	79.1	117	08/05/2011	
Surr: 1,2-Dichloroethane-d4			<b>53.7</b>	50.0		107.4	72.2	131	08/05/2011	
Surr: 4-Bromofluorobenzene			<b>56.6</b>	50.0		113.2	82.1	116	08/05/2011	
Surr: Dibromofluoromethane			<b>53.4</b>	50.0		106.8	77.7	120	08/05/2011	
Surr: Toluene-d8			<b>51.1</b>	50.0		102.2	86	116	08/05/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11080288

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 15-Aug-11

## SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 70247		SampType: MBLK		Units µg/Kg						Date Analyzed
SampID: MBLK-A110805-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
1,1,1,2-Tetrachloroethane	5.00		ND						08/05/2011	
1,1,1-Trichloroethane	5.00		ND						08/05/2011	
1,1,2,2-Tetrachloroethane	5.00		ND						08/05/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.00		ND						08/05/2011	
1,1,2-Trichloroethane	5.00		ND						08/05/2011	
1,1-Dichloro-2-propanone	50.0		ND						08/05/2011	
1,1-Dichloroethane	5.00		ND						08/05/2011	
1,1-Dichloroethene	5.00		ND						08/05/2011	
1,1-Dichloropropene	5.00		ND						08/05/2011	
1,2,3-Trichlorobenzene	5.00		ND						08/05/2011	
1,2,3-Trichloropropane	10.0		ND						08/05/2011	
1,2,3-Trimethylbenzene	5.00		ND						08/05/2011	
1,2,4-Trichlorobenzene	5.00		ND						08/05/2011	
1,2,4-Trimethylbenzene	5.00		ND						08/05/2011	
1,2-Dibromo-3-chloropropane	5.00		ND						08/05/2011	
1,2-Dibromoethane	5.00		ND						08/05/2011	
1,2-Dichlorobenzene	5.00		ND						08/05/2011	
1,2-Dichloroethane	5.00		ND						08/05/2011	
1,2-Dichloropropane	5.00		ND						08/05/2011	
1,3,5-Trimethylbenzene	5.00		ND						08/05/2011	
1,3-Dichlorobenzene	5.00		ND						08/05/2011	
1,3-Dichloropropane	5.00		ND						08/05/2011	
1,4-Dichlorobenzene	5.00		ND						08/05/2011	
1-Chlorobutane	5.00		ND						08/05/2011	
2,2-Dichloropropane	5.00		ND						08/05/2011	
2-Butanone	50.0		ND						08/05/2011	
2-Chlorotoluene	5.00		ND						08/05/2011	
2-Hexanone	50.0		ND						08/05/2011	
2-Nitropropane	50.0		ND						08/05/2011	
4-Chlorotoluene	5.00		ND						08/05/2011	
4-Methyl-2-pentanone	50.0		ND						08/05/2011	
Acetone	50.0		ND						08/05/2011	
Acrolein	100		ND						08/05/2011	
Acrylonitrile	10.0		ND						08/05/2011	
Allyl chloride	5.00		ND						08/05/2011	
Benzene	1.00		ND						08/05/2011	
Bromobenzene	5.00		ND						08/05/2011	
Bromochloromethane	5.00		ND						08/05/2011	
Bromodichloromethane	5.00		ND						08/05/2011	
Bromoform	5.00		ND						08/05/2011	
Bromomethane	10.0		ND						08/05/2011	
Carbon disulfide	5.00		ND						08/05/2011	
Carbon tetrachloride	5.00		ND						08/05/2011	
Chlorobenzene	5.00		ND						08/05/2011	
Chloroethane	10.0		ND						08/05/2011	
Chloroform	5.00		ND						08/05/2011	
Chloromethane	10.0		ND						08/05/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11080288

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 15-Aug-11

## SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
cis-1,2-Dichloroethene	5.00		ND						08/05/2011
cis-1,3-Dichloropropene	4.00		ND						08/05/2011
Cyclohexanone	100		ND						08/05/2011
Dibromochloromethane	5.00		ND						08/05/2011
Dibromomethane	5.00		ND						08/05/2011
Dichlorodifluoromethane	10.0		ND						08/05/2011
Ethyl acetate	50.0		ND						08/05/2011
Ethyl ether	5.00		ND						08/05/2011
Ethyl methacrylate	5.00		ND						08/05/2011
Ethylbenzene	5.00		ND						08/05/2011
Heptane	20.0		ND						08/05/2011
Hexachlorobutadiene	5.00		ND						08/05/2011
Hexachloroethane	5.00		ND						08/05/2011
Iodomethane	10.0		ND						08/05/2011
Isopropylbenzene	5.00		ND						08/05/2011
m,p-Xylenes	5.00		ND						08/05/2011
Methacrylonitrile	50.0		ND						08/05/2011
Methyl Methacrylate	5.00		ND						08/05/2011
Methyl tert-butyl ether	2.00		ND						08/05/2011
Methylacrylate	10.0		ND						08/05/2011
Methylene chloride	5.00	J	3.6						08/05/2011
Naphthalene	10.0		ND						08/05/2011
n-Butylbenzene	5.00		ND						08/05/2011
n-Hexane	20.0		ND						08/05/2011
Nitrobenzene	100		ND						08/05/2011
n-Propylbenzene	5.00		ND						08/05/2011
o-Xylene	5.00		ND						08/05/2011
Pentachloroethane	5.00		ND						08/05/2011
p-Isopropyltoluene	5.00		ND						08/05/2011
Propionitrile	50.0		ND						08/05/2011
sec-Butylbenzene	5.00		ND						08/05/2011
Styrene	5.00		ND						08/05/2011
tert-Butylbenzene	5.00		ND						08/05/2011
Tetrachloroethene	5.00		ND						08/05/2011
Tetrahydrofuran	50.0		ND						08/05/2011
Toluene	5.00		ND						08/05/2011
trans-1,2-Dichloroethene	5.00		ND						08/05/2011
trans-1,3-Dichloropropene	4.00		ND						08/05/2011
Trichloroethene	5.00		ND						08/05/2011
Trichlorofluoromethane	5.00		ND						08/05/2011
Vinyl acetate	50.0		ND						08/05/2011
Vinyl chloride	2.00		ND						08/05/2011
Surr: 1,2-Dichloroethane-d4			52.2	50.0		104.3	72.2	131	08/05/2011
Surr: 4-Bromofluorobenzene			45.5	50.0		91.0	82.1	116	08/05/2011
Surr: Toluene-d8			50.1	50.0		100.1	86	116	08/05/2011

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080288

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 15-Aug-11

**SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS**

Batch 70247		SampType: LCS		Units µg/Kg							Date Analyzed
SampID: LCS-A110805-1											
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
1,1,1,2-Tetrachloroethane	5.00		48.1	50.0	0	96.2	0	200	08/05/2011		
1,1,1-Trichloroethane	5.00		50.0	50.0	0	100.0	85.8	124	08/05/2011		
1,1,2,2-Tetrachloroethane	5.00		50.8	50.0	0	101.5	0	200	08/05/2011		
1,1,2-Trichloro-1,2,2-trifluoroethane	5.00		51.5	50.0	0	103.0	0	200	08/05/2011		
1,1,2-Trichloroethane	5.00		49.8	50.0	0	99.5	0	200	08/05/2011		
1,1-Dichloro-2-propanone	50.0		127	125	0	101.7	0	200	08/05/2011		
1,1-Dichloroethane	5.00		51.0	50.0	0	102.0	0	200	08/05/2011		
1,1-Dichloroethene	5.00		51.2	50.0	0	102.4	60.1	131	08/05/2011		
1,1-Dichloropropene	5.00		51.0	50.0	0	101.9	0	200	08/05/2011		
1,2,3-Trichlorobenzene	5.00		50.5	50.0	0	101.1	0	200	08/05/2011		
1,2,3-Trichloropropane	10.0		49.4	50.0	0	98.9	0	200	08/05/2011		
1,2,3-Trimethylbenzene	5.00		50.1	50.0	0	100.2	0	200	08/05/2011		
1,2,4-Trichlorobenzene	5.00		53.0	50.0	0	106.1	0	200	08/05/2011		
1,2,4-Trimethylbenzene	5.00		52.3	50.0	0	104.6	0	200	08/05/2011		
1,2-Dibromo-3-chloropropane	5.00		49.8	50.0	0	99.7	0	200	08/05/2011		
1,2-Dibromoethane	5.00		49.7	50.0	0	99.4	86.9	119	08/05/2011		
1,2-Dichlorobenzene	5.00		50.7	50.0	0	101.3	88	119	08/05/2011		
1,2-Dichloroethane	5.00		49.0	50.0	0	98.0	73	117	08/05/2011		
1,2-Dichloropropane	5.00		49.8	50.0	0	99.5	0	200	08/05/2011		
1,3,5-Trimethylbenzene	5.00		53.2	50.0	0	106.4	0	200	08/05/2011		
1,3-Dichlorobenzene	5.00		52.3	50.0	0	104.6	85.8	125	08/05/2011		
1,3-Dichloropropane	5.00		50.9	50.0	0	101.9	0	200	08/05/2011		
1,4-Dichlorobenzene	5.00		52.3	50.0	0	104.6	84.5	124	08/05/2011		
1-Chlorobutane	5.00		51.3	50.0	0	102.7	0	200	08/05/2011		
2,2-Dichloropropane	5.00		51.6	50.0	0	103.1	0	200	08/05/2011		
2-Butanone	50.0		149	125	0	119.1	45.3	136	08/05/2011		
2-Chlorotoluene	5.00		52.2	50.0	0	104.4	0	200	08/05/2011		
2-Hexanone	50.0		142	125	0	113.5	0	200	08/05/2011		
2-Nitropropane	50.0		529	500	0	105.8	0	200	08/05/2011		
4-Chlorotoluene	5.00		51.9	50.0	0	103.8	0	200	08/05/2011		
4-Methyl-2-pentanone	50.0		127	125	0	101.6	0	200	08/05/2011		
Acetone	50.0		146	125	0	116.6	0	200	08/05/2011		
Acrylonitrile	10.0		46.6	50.0	0	93.2	0	200	08/05/2011		
Allyl chloride	5.00		51.0	50.0	0	102.0	0	200	08/05/2011		
Benzene	1.00		50.8	50.0	0	101.5	73.9	109	08/05/2011		
Bromobenzene	5.00		51.7	50.0	0	103.4	0	200	08/05/2011		
Bromochloromethane	5.00		50.8	50.0	0	101.7	0	200	08/05/2011		
Bromodichloromethane	5.00		50.2	50.0	0	100.4	91.3	126	08/05/2011		
Bromoform	5.00		52.0	50.0	0	103.9	0	200	08/05/2011		
Bromomethane	10.0		49.8	50.0	0	99.7	0	200	08/05/2011		
Carbon disulfide	5.00		50.1	50.0	0	100.1	0	200	08/05/2011		
Carbon tetrachloride	5.00		51.0	50.0	0	102.0	83.3	127	08/05/2011		
Chlorobenzene	5.00		50.4	50.0	0	100.9	85.8	116	08/05/2011		
Chloroethane	10.0		53.1	50.0	0	106.3	0	200	08/05/2011		
Chloroform	5.00		49.4	50.0	0	98.8	80	113	08/05/2011		
Chloromethane	10.0		54.0	50.0	0	108.0	0	200	08/05/2011		
cis-1,2-Dichloroethene	5.00		51.2	50.0	0	102.3	0	200	08/05/2011		



Client: PSC Industrial Outsourcing, LP

Work Order: 11080288

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 15-Aug-11

## SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 70247	SampType: LCS	Units µg/Kg								
SampID: LCS-A110805-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
cis-1,3-Dichloropropene	4.00		52.9	50.0	0	105.8	0	200	08/05/2011	
Cyclohexanone	100		245	250	0	97.9	0	200	08/05/2011	
Dibromochloromethane	5.00		51.6	50.0	0	103.2	89.1	119	08/05/2011	
Dibromomethane	5.00		48.4	50.0	0	96.8	0	200	08/05/2011	
Dichlorodifluoromethane	10.0		44.4	50.0	0	88.8	0	200	08/05/2011	
Ethyl acetate	50.0	J	49	50.0	0	98.1	0	200	08/05/2011	
Ethyl ether	5.00		51.2	50.0	0	102.4	0	200	08/05/2011	
Ethyl methacrylate	5.00		52.0	50.0	0	104.1	0	200	08/05/2011	
Ethylbenzene	5.00		51.4	50.0	0	102.9	84.1	115	08/05/2011	
Heptane	20.0		54.5	50.0	0	109.0	0	200	08/05/2011	
Hexachlorobutadiene	5.00		51.4	50.0	0	102.7	0	200	08/05/2011	
Hexachloroethane	5.00		52.7	50.0	0	105.3	0	200	08/05/2011	
Iodomethane	10.0		60.7	50.0	0	121.4	0	200	08/05/2011	
Isopropylbenzene	5.00		52.4	50.0	0	104.7	0	200	08/05/2011	
m,p-Xylenes	5.00		104	100	0	103.8	79.1	111	08/05/2011	
Methacrylonitrile	50.0		50.3	50.0	0	100.5	0	200	08/05/2011	
Methyl Methacrylate	5.00		49.5	50.0	0	99.0	0	200	08/05/2011	
Methyl tert-butyl ether	2.00		53.7	50.0	0	107.4	80	128	08/05/2011	
Methylacrylate	10.0		49.4	50.0	0	98.8	0	200	08/05/2011	
Methylene chloride	5.00		53.4	50.0	0	106.9	73.9	116	08/05/2011	
Naphthalene	10.0		47.6	50.0	0	95.2	73.1	135	08/05/2011	
n-Butylbenzene	5.00		53.4	50.0	0	106.8	0	200	08/05/2011	
n-Hexane	20.0		53.3	50.0	0	106.6	0	200	08/05/2011	
Nitrobenzene	100		536	500	0	107.3	0	200	08/05/2011	
n-Propylbenzene	5.00		53.7	50.0	0	107.4	0	200	08/05/2011	
o-Xylene	5.00		51.4	50.0	0	102.8	82	117	08/05/2011	
Pentachloroethane	5.00		57.7	50.0	0	115.5	0	200	08/05/2011	
p-Isopropyltoluene	5.00		53.0	50.0	0	106.0	0	200	08/05/2011	
Propionitrile	50.0		499	500	0	99.7	0	200	08/05/2011	
sec-Butylbenzene	5.00		52.5	50.0	0	104.9	0	200	08/05/2011	
Styrene	5.00		53.4	50.0	0	106.9	0	200	08/05/2011	
tert-Butylbenzene	5.00		51.3	50.0	0	102.7	0	200	08/05/2011	
Tetrachloroethene	5.00		48.3	50.0	0	96.6	74.6	115	08/05/2011	
Tetrahydrofuran	50.0		51.2	50.0	0	102.3	0	200	08/05/2011	
Toluene	5.00		50.6	50.0	0	101.3	79.1	112	08/05/2011	
trans-1,2-Dichloroethene	5.00		52.0	50.0	0	104.0	0	200	08/05/2011	
trans-1,3-Dichloropropene	4.00		53.1	50.0	0	106.2	0	200	08/05/2011	
Trichloroethene	5.00		50.6	50.0	0	101.1	81	111	08/05/2011	
Trichlorofluoromethane	5.00		57.1	50.0	0	114.2	0	200	08/05/2011	
Vinyl acetate	50.0		52.4	50.0	0	104.8	0	200	08/05/2011	
Vinyl chloride	2.00		56.1	50.0	0	112.2	0	200	08/05/2011	
Surr: 1,2-Dichloroethane-d4			50.6	50.0		101.2	72.2	131	08/05/2011	
Surr: 4-Bromofluorobenzene			49.4	50.0		98.7	82.1	116	08/05/2011	
Surr: Toluene-d8			50.6	50.0		101.2	86	116	08/05/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11080288

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 15-Aug-11

## SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 70247	SampType: LCSD	Units µg/Kg					RPD Limit 40			
SampID: LCSD-A110805-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
1,1,1,2-Tetrachloroethane	5.00		47.9	50.0	0	95.7	48.08	0.46	08/05/2011	
1,1,1-Trichloroethane	5.00		49.6	50.0	0	99.3	49.98	0.70	08/05/2011	
1,1,2,2-Tetrachloroethane	5.00		52.2	50.0	0	104.5	50.76	2.87	08/05/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.00		50.0	50.0	0	100.1	51.48	2.82	08/05/2011	
1,1,2-Trichloroethane	5.00		49.5	50.0	0	99.0	49.75	0.52	08/05/2011	
1,1-Dichloro-2-propanone	50.0		127	125	0	102.0	127.1	0.27	08/05/2011	
1,1-Dichloroethane	5.00		50.0	50.0	0	99.9	50.98	2.02	08/05/2011	
1,1-Dichloroethene	5.00		49.9	50.0	0	99.9	51.20	2.49	08/05/2011	
1,1-Dichloropropene	5.00		50.0	50.0	0	99.9	50.96	1.96	08/05/2011	
1,2,3-Trichlorobenzene	5.00		46.2	50.0	0	92.4	50.54	8.93	08/05/2011	
1,2,3-Trichloropropane	10.0		51.2	50.0	0	102.4	49.43	3.56	08/05/2011	
1,2,3-Trimethylbenzene	5.00		49.6	50.0	0	99.3	50.11	0.92	08/05/2011	
1,2,4-Trichlorobenzene	5.00		48.2	50.0	0	96.4	53.05	9.60	08/05/2011	
1,2,4-Trimethylbenzene	5.00		51.6	50.0	0	103.3	52.32	1.31	08/05/2011	
1,2-Dibromo-3-chloropropane	5.00		49.6	50.0	0	99.2	49.84	0.48	08/05/2011	
1,2-Dibromoethane	5.00		49.5	50.0	0	99.0	49.68	0.32	08/05/2011	
1,2-Dichlorobenzene	5.00		49.7	50.0	0	99.4	50.66	1.91	08/05/2011	
1,2-Dichloroethane	5.00		49.1	50.0	0	98.1	49.01	0.10	08/05/2011	
1,2-Dichloropropane	5.00		48.8	50.0	0	97.6	49.76	1.91	08/05/2011	
1,3,5-Trimethylbenzene	5.00		52.6	50.0	0	105.3	53.20	1.08	08/05/2011	
1,3-Dichlorobenzene	5.00		51.1	50.0	0	102.2	52.32	2.36	08/05/2011	
1,3-Dichloropropane	5.00		50.1	50.0	0	100.2	50.93	1.64	08/05/2011	
1,4-Dichlorobenzene	5.00		50.6	50.0	0	101.1	52.30	3.38	08/05/2011	
1-Chlorobutane	5.00		49.9	50.0	0	99.8	51.33	2.83	08/05/2011	
2,2-Dichloropropane	5.00		50.9	50.0	0	101.9	51.55	1.21	08/05/2011	
2-Butanone	50.0		125	125	0	99.7	148.8	17.73	08/05/2011	
2-Chlorotoluene	5.00		52.2	50.0	0	104.4	52.19	0.00	08/05/2011	
2-Hexanone	50.0		122	125	0	97.5	141.8	15.13	08/05/2011	
2-Nitropropane	50.0		536	500	0	107.2	528.8	1.35	08/05/2011	
4-Chlorotoluene	5.00		51.3	50.0	0	102.6	51.91	1.20	08/05/2011	
4-Methyl-2-pentanone	50.0		128	125	0	102.2	127.0	0.60	08/05/2011	
Acetone	50.0		103	125	0	82.7	145.8	34.04	08/05/2011	
Acrylonitrile	10.0		51.6	50.0	0	103.2	46.58	10.23	08/05/2011	
Allyl chloride	5.00		49.2	50.0	0	98.5	51.02	3.57	08/05/2011	
Benzene	1.00		50.1	50.0	0	100.3	50.75	1.23	08/05/2011	
Bromobenzene	5.00		51.7	50.0	0	103.4	51.69	0.04	08/05/2011	
Bromochloromethane	5.00		50.3	50.0	0	100.5	50.85	1.15	08/05/2011	
Bromodichloromethane	5.00		49.7	50.0	0	99.4	50.20	0.98	08/05/2011	
Bromoform	5.00		51.6	50.0	0	103.2	51.95	0.70	08/05/2011	
Bromomethane	10.0		51.6	50.0	0	103.2	49.84	3.47	08/05/2011	
Carbon disulfide	5.00		48.7	50.0	0	97.4	50.07	2.82	08/05/2011	
Carbon tetrachloride	5.00		50.9	50.0	0	101.8	50.98	0.16	08/05/2011	
Chlorobenzene	5.00		49.5	50.0	0	98.9	50.44	1.96	08/05/2011	
Chloroethane	10.0		52.6	50.0	0	105.2	53.13	0.98	08/05/2011	
Chloroform	5.00		48.8	50.0	0	97.6	49.38	1.22	08/05/2011	
Chloromethane	10.0		53.3	50.0	0	106.5	54.00	1.36	08/05/2011	
cis-1,2-Dichloroethene	5.00		50.2	50.0	0	100.4	51.17	1.93	08/05/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11080288

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 15-Aug-11

## SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 70247	SampType: LCSD	Units µg/Kg						RPD Limit 40		Date Analyzed
SampID: LCSD-A110805-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
cis-1,3-Dichloropropene	4.00		52.7	50.0	0	105.4	52.90	0.40	08/05/2011	
Cyclohexanone	100		237	250	0	94.7	244.8	3.34	08/05/2011	
Dibromochloromethane	5.00		51.8	50.0	0	103.6	51.60	0.39	08/05/2011	
Dibromomethane	5.00		48.4	50.0	0	96.7	48.40	0.08	08/05/2011	
Dichlorodifluoromethane	10.0		42.1	50.0	0	84.3	44.38	5.18	08/05/2011	
Ethyl acetate	50.0	J	49	50.0	0	97.6	49.07	0.00	08/05/2011	
Ethyl ether	5.00		50.6	50.0	0	101.3	51.21	1.10	08/05/2011	
Ethyl methacrylate	5.00		51.9	50.0	0	103.8	52.03	0.25	08/05/2011	
Ethylbenzene	5.00		50.4	50.0	0	100.9	51.44	1.96	08/05/2011	
Heptane	20.0		52.4	50.0	0	104.9	54.51	3.89	08/05/2011	
Hexachlorobutadiene	5.00		47.3	50.0	0	94.7	51.35	8.13	08/05/2011	
Hexachloroethane	5.00		51.8	50.0	0	103.6	52.66	1.67	08/05/2011	
Iodomethane	10.0		61.3	50.0	0	122.6	60.70	1.02	08/05/2011	
Isopropylbenzene	5.00		51.0	50.0	0	101.9	52.37	2.73	08/05/2011	
m,p-Xylenes	5.00		102	100	0	101.8	103.8	1.90	08/05/2011	
Methacrylonitrile	50.0		50.6	50.0	0	101.1	50.27	0.58	08/05/2011	
Methyl Methacrylate	5.00		49.5	50.0	0	99.0	49.52	0.02	08/05/2011	
Methyl tert-butyl ether	2.00		53.5	50.0	0	107.0	53.68	0.35	08/05/2011	
Methylacrylate	10.0		49.6	50.0	0	99.3	49.42	0.42	08/05/2011	
Methylene chloride	5.00		53.0	50.0	0	105.9	53.43	0.90	08/05/2011	
Naphthalene	10.0		44.5	50.0	0	88.9	47.59	6.78	08/05/2011	
n-Butylbenzene	5.00		51.0	50.0	0	102.0	53.38	4.56	08/05/2011	
n-Hexane	20.0		51.4	50.0	0	102.9	53.31	3.57	08/05/2011	
Nitrobenzene	100		502	500	0	100.4	536.5	6.61	08/05/2011	
n-Propylbenzene	5.00		53.1	50.0	0	106.2	53.69	1.14	08/05/2011	
o-Xylene	5.00		50.3	50.0	0	100.6	51.41	2.16	08/05/2011	
Pentachloroethane	5.00		60.7	50.0	0	121.4	57.74	4.98	08/05/2011	
p-Isopropyltoluene	5.00		51.5	50.0	0	103.0	53.00	2.87	08/05/2011	
Propionitrile	50.0		501	500	0	100.2	498.5	0.50	08/05/2011	
sec-Butylbenzene	5.00		51.4	50.0	0	102.8	52.47	2.02	08/05/2011	
Styrene	5.00		51.9	50.0	0	103.8	53.43	2.91	08/05/2011	
tert-Butylbenzene	5.00		51.0	50.0	0	102.0	51.34	0.66	08/05/2011	
Tetrachloroethene	5.00		46.4	50.0	0	92.9	48.31	3.93	08/05/2011	
Tetrahydrofuran	50.0		51.6	50.0	0	103.2	51.16	0.86	08/05/2011	
Toluene	5.00		50.1	50.0	0	100.3	50.64	1.01	08/05/2011	
trans-1,2-Dichloroethene	5.00		50.5	50.0	0	101.0	51.98	2.89	08/05/2011	
trans-1,3-Dichloropropene	4.00		52.4	50.0	0	104.8	53.09	1.31	08/05/2011	
Trichloroethene	5.00		50.3	50.0	0	100.6	50.55	0.46	08/05/2011	
Trichlorofluoromethane	5.00		56.1	50.0	0	112.2	57.11	1.80	08/05/2011	
Vinyl acetate	50.0		53.7	50.0	0	107.3	52.38	2.43	08/05/2011	
Vinyl chloride	2.00		54.9	50.0	0	109.8	56.08	2.13	08/05/2011	
Surr: 1,2-Dichloroethane-d4			50.8	50.0		101.7			08/05/2011	
Surr: 4-Bromofluorobenzene			49.2	50.0		98.3			08/05/2011	
Surr: Toluene-d8			50.9	50.0		101.7			08/05/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080288

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 15-Aug-11

**SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS**

<b>Batch 70247</b>		<b>SampType: LCSG</b>		<b>Units %REC</b>						
SampID: LCSG-A110805-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: 1,2-Dichloroethane-d4			<b>52.0</b>	50.0		104.1	61	128	08/05/2011	
Surr: 4-Bromofluorobenzene			<b>48.1</b>	50.0		96.2	78.2	117	08/05/2011	
Surr: Toluene-d8			<b>49.8</b>	50.0		99.7	80.1	122	08/05/2011	

<b>Batch 70247</b>		<b>SampType: LCSGD</b>		<b>Units %REC</b>						
SampID: LCSGD-A110805-1										
									RPD Limit <b>0</b>	
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Surr: 1,2-Dichloroethane-d4			<b>51.8</b>	50.0		103.5			08/05/2011	
Surr: 4-Bromofluorobenzene			<b>47.9</b>	50.0		95.8			08/05/2011	
Surr: Toluene-d8			<b>49.6</b>	50.0		99.3			08/05/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11080288

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 15-Aug-11

## SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 70295		SampType: MBLK		Units µg/Kg						Date Analyzed
SampID: MBLK-A110809-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
1,1,1,2-Tetrachloroethane	5.0		ND						08/09/2011	
1,1,1-Trichloroethane	5.0		ND						08/09/2011	
1,1,2,2-Tetrachloroethane	5.0		ND						08/09/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0		ND						08/09/2011	
1,1,2-Trichloroethane	5.0		ND						08/09/2011	
1,1-Dichloro-2-propanone	50.0		ND						08/09/2011	
1,1-Dichloroethane	5.0		ND						08/09/2011	
1,1-Dichloroethene	5.0		ND						08/09/2011	
1,1-Dichloropropene	5.0		ND						08/09/2011	
1,2,3-Trichlorobenzene	5.0		ND						08/09/2011	
1,2,3-Trichloropropane	10.0		ND						08/09/2011	
1,2,3-Trimethylbenzene	5.0		ND						08/09/2011	
1,2,4-Trichlorobenzene	5.0		ND						08/09/2011	
1,2,4-Trimethylbenzene	5.0		ND						08/09/2011	
1,2-Dibromo-3-chloropropane	5.0		ND						08/09/2011	
1,2-Dibromoethane	5.0		ND						08/09/2011	
1,2-Dichlorobenzene	5.0		ND						08/09/2011	
1,2-Dichloroethane	5.0		ND						08/09/2011	
1,2-Dichloropropane	5.0		ND						08/09/2011	
1,3,5-Trimethylbenzene	5.0		ND						08/09/2011	
1,3-Dichlorobenzene	5.0		ND						08/09/2011	
1,3-Dichloropropane	5.0		ND						08/09/2011	
1,4-Dichlorobenzene	5.0		ND						08/09/2011	
1-Chlorobutane	5.0		ND						08/09/2011	
2,2-Dichloropropane	5.0		ND						08/09/2011	
2-Butanone	50.0		ND						08/09/2011	
2-Chlorotoluene	5.0		ND						08/09/2011	
2-Hexanone	50.0		ND						08/09/2011	
2-Nitropropane	50.0		ND						08/09/2011	
4-Chlorotoluene	5.0		ND						08/09/2011	
4-Methyl-2-pentanone	50.0		ND						08/09/2011	
Acetone	50.0		ND						08/09/2011	
Acrolein	100		ND						08/09/2011	
Acrylonitrile	10.0		ND						08/09/2011	
Allyl chloride	5.0		ND						08/09/2011	
Benzene	1.0		ND						08/09/2011	
Bromobenzene	5.0		ND						08/09/2011	
Bromochloromethane	5.0		ND						08/09/2011	
Bromodichloromethane	5.0		ND						08/09/2011	
Bromoform	5.0		ND						08/09/2011	
Bromomethane	10.0		ND						08/09/2011	
Carbon disulfide	5.0		ND						08/09/2011	
Carbon tetrachloride	5.0		ND						08/09/2011	
Chlorobenzene	5.0		ND						08/09/2011	
Chloroethane	10.0		ND						08/09/2011	
Chloroform	5.0		ND						08/09/2011	
Chloromethane	10.0		ND						08/09/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11080288

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 15-Aug-11

## SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 70295	SampType: MBLK	Units µg/Kg						Date Analyzed	
SampID: MBLK-A110809-1									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
cis-1,2-Dichloroethene	5.0		ND						08/09/2011
cis-1,3-Dichloropropene	4.0		ND						08/09/2011
Cyclohexanone	100		ND						08/09/2011
Dibromochloromethane	5.0		ND						08/09/2011
Dibromomethane	5.0		ND						08/09/2011
Dichlorodifluoromethane	10.0		ND						08/09/2011
Ethyl acetate	50.0		ND						08/09/2011
Ethyl ether	5.0		ND						08/09/2011
Ethyl methacrylate	5.0		ND						08/09/2011
Ethylbenzene	5.0		ND						08/09/2011
Heptane	20.0		ND						08/09/2011
Hexachlorobutadiene	5.0		ND						08/09/2011
Hexachloroethane	5.0		ND						08/09/2011
Iodomethane	10.0		ND						08/09/2011
Isopropylbenzene	5.0		ND						08/09/2011
m,p-Xylenes	5.0		ND						08/09/2011
Methacrylonitrile	50.0		ND						08/09/2011
Methyl Methacrylate	5.0		ND						08/09/2011
Methyl tert-butyl ether	2.0		ND						08/09/2011
Methylacrylate	10.0		ND						08/09/2011
Methylene chloride	5.0		ND						08/09/2011
Naphthalene	10.0		ND						08/09/2011
n-Butylbenzene	5.0		ND						08/09/2011
n-Hexane	20.0		ND						08/09/2011
Nitrobenzene	100		ND						08/09/2011
n-Propylbenzene	5.0		ND						08/09/2011
o-Xylene	5.0		ND						08/09/2011
Pentachloroethane	5.0		ND						08/09/2011
p-Isopropyltoluene	5.0		ND						08/09/2011
Propionitrile	50.0		ND						08/09/2011
sec-Butylbenzene	5.0		ND						08/09/2011
Styrene	5.0		ND						08/09/2011
tert-Butylbenzene	5.0		ND						08/09/2011
Tetrachloroethene	5.0		ND						08/09/2011
Tetrahydrofuran	50.0		ND						08/09/2011
Toluene	5.0		ND						08/09/2011
trans-1,2-Dichloroethene	5.0		ND						08/09/2011
trans-1,3-Dichloropropene	4.0		ND						08/09/2011
Trichloroethene	5.0		ND						08/09/2011
Trichlorofluoromethane	5.0		ND						08/09/2011
Vinyl acetate	50.0		ND						08/09/2011
Vinyl chloride	2.0		ND						08/09/2011
Surr: 1,2-Dichloroethane-d4			53.2	50.0		106.4	72.2	131	08/09/2011
Surr: 4-Bromofluorobenzene			47.9	50.0		95.7	82.1	116	08/09/2011
Surr: Dibromofluoromethane			50.8	50.0		101.5	77.7	120	08/09/2011
Surr: Toluene-d8			49.4	50.0		98.9	86	116	08/09/2011

Client: PSC Industrial Outsourcing, LP

Work Order: 11080288

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 15-Aug-11

## SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 70295		SampType: LCS		Units µg/Kg						
SampID: LCS-A110809-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,1,1,2-Tetrachloroethane	5.0		48.7	50.0	0	97.4	0	200	08/09/2011	
1,1,1-Trichloroethane	5.0		49.6	50.0	0	99.3	85.6	124	08/09/2011	
1,1,2,2-Tetrachloroethane	5.0		53.0	50.0	0	106.1	0	200	08/09/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0		46.8	50.0	0	93.6	0	200	08/09/2011	
1,1,2-Trichloroethane	5.0		50.1	50.0	0	100.3	0	200	08/09/2011	
1,1-Dichloro-2-propanone	50.0		138	125	0	110.1	0	200	08/09/2011	
1,1-Dichloroethane	5.0		48.5	50.0	0	97.0	0	200	08/09/2011	
1,1-Dichloroethene	5.0		46.1	50.0	0	92.1	60.1	131	08/09/2011	
1,1-Dichloropropene	5.0		49.4	50.0	0	98.9	0	200	08/09/2011	
1,2,3-Trichlorobenzene	5.0		49.7	50.0	0	99.4	0	200	08/09/2011	
1,2,3-Trichloropropane	10.0		53.0	50.0	0	106.0	0	200	08/09/2011	
1,2,3-Trimethylbenzene	5.0		50.4	50.0	0	100.8	0	200	08/09/2011	
1,2,4-Trichlorobenzene	5.0		53.2	50.0	0	106.5	0	200	08/09/2011	
1,2,4-Trimethylbenzene	5.0		53.2	50.0	0	106.5	0	200	08/09/2011	
1,2-Dibromo-3-chloropropane	5.0		52.9	50.0	0	105.8	0	200	08/09/2011	
1,2-Dibromoethane	5.0		50.6	50.0	0	101.2	86.9	119	08/09/2011	
1,2-Dichlorobenzene	5.0		50.7	50.0	0	101.3	88	119	08/09/2011	
1,2-Dichloroethane	5.0		49.6	50.0	0	99.2	73	117	08/09/2011	
1,2-Dichloropropane	5.0		48.1	50.0	0	96.3	0	200	08/09/2011	
1,3,5-Trimethylbenzene	5.0		53.5	50.0	0	107.1	0	200	08/09/2011	
1,3-Dichlorobenzene	5.0		52.6	50.0	0	105.2	85.8	125	08/09/2011	
1,3-Dichloropropane	5.0		50.2	50.0	0	100.4	0	200	08/09/2011	
1,4-Dichlorobenzene	5.0		52.5	50.0	0	105.0	84.5	124	08/09/2011	
1-Chlorobutane	5.0		47.4	50.0	0	94.9	0	200	08/09/2011	
2,2-Dichloropropane	5.0		50.5	50.0	0	101.0	0	200	08/09/2011	
2-Butanone	50.0		157	125	0	126.0	45.3	136	08/09/2011	
2-Chlorotoluene	5.0		52.7	50.0	0	105.3	0	200	08/09/2011	
2-Hexanone	50.0		148	125	0	118.7	0	200	08/09/2011	
2-Nitropropane	50.0		557	500	0	111.4	0	200	08/09/2011	
4-Chlorotoluene	5.0		52.6	50.0	0	105.2	0	200	08/09/2011	
4-Methyl-2-pentanone	50.0		135	125	0	108.0	0	200	08/09/2011	
Acetone	50.0		149	125	0	119.5	0	200	08/09/2011	
Acrylonitrile	10.0		53.4	50.0	0	106.8	0	200	08/09/2011	
Allyl chloride	5.0		46.6	50.0	0	93.2	0	200	08/09/2011	
Benzene	1.0		48.8	50.0	0	97.6	73.9	109	08/09/2011	
Bromobenzene	5.0		52.7	50.0	0	105.3	0	200	08/09/2011	
Bromochloromethane	5.0		49.0	50.0	0	97.9	0	200	08/09/2011	
Bromodichloromethane	5.0		50.2	50.0	0	100.5	91.3	126	08/09/2011	
Bromoform	5.0		54.8	50.0	0	109.6	0	200	08/09/2011	
Bromomethane	10.0		39.6	50.0	0	79.2	0	200	08/09/2011	
Carbon disulfide	5.0		43.2	50.0	0	86.3	0	200	08/09/2011	
Carbon tetrachloride	5.0		50.8	50.0	0	101.5	83.3	127	08/09/2011	
Chlorobenzene	5.0		50.2	50.0	0	100.4	85.8	116	08/09/2011	
Chloroethane	10.0		45.2	50.0	0	90.3	0	200	08/09/2011	
Chloroform	5.0		48.6	50.0	0	97.2	80	113	08/09/2011	
Chloromethane	10.0		36.9	50.0	0	73.7	0	200	08/09/2011	
cis-1,2-Dichloroethene	5.0		49.5	50.0	0	99.0	0	200	08/09/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080288

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 15-Aug-11

**SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS**

Batch 70295		SampType: LCS		Units µg/Kg						
SampID: LCS-A110809-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
cis-1,3-Dichloropropene	4.0		52.6	50.0	0	105.3	0	200	08/09/2011	
Cyclohexanone	100		251	250	0	100.3	0	200	08/09/2011	
Dibromochloromethane	5.0		53.2	50.0	0	106.3	89.1	119	08/09/2011	
Dibromomethane	5.0		48.8	50.0	0	97.7	0	200	08/09/2011	
Dichlorodifluoromethane	10.0		19.4	50.0	0	38.8	0	200	08/09/2011	
Ethyl acetate	50.0		50.6	50.0	0	101.3	0	200	08/09/2011	
Ethyl ether	5.0		48.7	50.0	0	97.4	0	200	08/09/2011	
Ethyl methacrylate	5.0		52.9	50.0	0	105.8	0	200	08/09/2011	
Ethylbenzene	5.0		50.8	50.0	0	101.6	84.1	115	08/09/2011	
Heptane	20.0		51.2	50.0	0	102.5	0	200	08/09/2011	
Hexachlorobutadiene	5.0		50.1	50.0	0	100.2	0	200	08/09/2011	
Hexachloroethane	5.0		52.0	50.0	0	104.0	0	200	08/09/2011	
Iodomethane	10.0		56.4	50.0	0	112.9	0	200	08/09/2011	
Isopropylbenzene	5.0		51.9	50.0	0	103.9	0	200	08/09/2011	
m,p-Xylenes	5.0		104	100	0	104.5	79.1	111	08/09/2011	
Methacrylonitrile	50.0		52.2	50.0	0	104.3	0	200	08/09/2011	
Methyl Methacrylate	5.0		51.0	50.0	0	102.1	0	200	08/09/2011	
Methyl tert-butyl ether	2.0		53.8	50.0	0	107.7	80	128	08/09/2011	
Methylacrylate	10.0		51.4	50.0	0	102.7	0	200	08/09/2011	
Methylene chloride	5.0		48.5	50.0	0	96.9	73.9	116	08/09/2011	
Naphthalene	10.0		48.4	50.0	0	96.8	73.1	135	08/09/2011	
n-Butylbenzene	5.0		54.2	50.0	0	108.4	0	200	08/09/2011	
n-Hexane	20.0		47.0	50.0	0	94.0	0	200	08/09/2011	
Nitrobenzene	100		515	500	0	102.9	0	200	08/09/2011	
n-Propylbenzene	5.0		53.8	50.0	0	107.5	0	200	08/09/2011	
o-Xylene	5.0		51.3	50.0	0	102.7	82	117	08/09/2011	
Pentachloroethane	5.0		59.9	50.0	0	119.8	0	200	08/09/2011	
p-Isopropyltoluene	5.0		53.4	50.0	0	106.8	0	200	08/09/2011	
Propionitrile	50.0		522	500	0	104.3	0	200	08/09/2011	
sec-Butylbenzene	5.0		52.2	50.0	0	104.4	0	200	08/09/2011	
Styrene	5.0		53.5	50.0	0	106.9	0	200	08/09/2011	
tert-Butylbenzene	5.0		51.6	50.0	0	103.3	0	200	08/09/2011	
Tetrachloroethene	5.0		48.2	50.0	0	96.5	74.6	115	08/09/2011	
Tetrahydrofuran	50.0		53.5	50.0	0	107.0	0	200	08/09/2011	
Toluene	5.0		49.5	50.0	0	98.9	79.1	112	08/09/2011	
trans-1,2-Dichloroethene	5.0		48.3	50.0	0	96.6	0	200	08/09/2011	
trans-1,3-Dichloropropene	4.0		53.2	50.0	0	106.3	0	200	08/09/2011	
Trichloroethene	5.0		51.0	50.0	0	102.0	81	111	08/09/2011	
Trichlorofluoromethane	5.0		48.8	50.0	0	97.7	0	200	08/09/2011	
Vinyl acetate	50.0		53.2	50.0	0	106.5	0	200	08/09/2011	
Vinyl chloride	2.0		41.2	50.0	0	82.3	0	200	08/09/2011	
Surr: 1,2-Dichloroethane-d4			50.9	50.0		101.9	72.2	131	08/09/2011	
Surr: 4-Bromofluorobenzene			49.7	50.0		99.4	82.1	116	08/09/2011	
Surr: Dibromofluoromethane			50.6	50.0		101.2	77.7	120	08/09/2011	
Surr: Toluene-d8			49.8	50.0		99.7	86	116	08/09/2011	



**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080288

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 15-Aug-11

### SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 70295	SampType: LCSD	Units µg/Kg					RPD Limit 40			
SampID: LCSD-A110809-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
1,1,1,2-Tetrachloroethane	5.0		48.6	50.0	0	97.2	48.72	0.23	08/09/2011	
1,1,1-Trichloroethane	5.0		49.1	50.0	0	98.2	49.65	1.13	08/09/2011	
1,1,2,2-Tetrachloroethane	5.0		51.0	50.0	0	102.0	53.04	3.88	08/09/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0		45.3	50.0	0	90.7	46.82	3.23	08/09/2011	
1,1,2-Trichloroethane	5.0		49.3	50.0	0	98.6	50.13	1.69	08/09/2011	
1,1-Dichloro-2-propanone	50.0		121	125	0	96.9	137.7	12.78	08/09/2011	
1,1-Dichloroethane	5.0		48.5	50.0	0	97.0	48.49	0.02	08/09/2011	
1,1-Dichloroethene	5.0		44.8	50.0	0	89.7	46.06	2.68	08/09/2011	
1,1-Dichloropropene	5.0		48.7	50.0	0	97.4	49.43	1.53	08/09/2011	
1,2,3-Trichlorobenzene	5.0		45.0	50.0	0	89.9	49.70	9.99	08/09/2011	
1,2,3-Trichloropropane	10.0		51.2	50.0	0	102.4	52.98	3.40	08/09/2011	
1,2,3-Trimethylbenzene	5.0		50.5	50.0	0	100.9	50.39	0.14	08/09/2011	
1,2,4-Trichlorobenzene	5.0		47.7	50.0	0	95.3	53.24	11.04	08/09/2011	
1,2,4-Trimethylbenzene	5.0		52.8	50.0	0	105.7	53.23	0.75	08/09/2011	
1,2-Dibromo-3-chloropropane	5.0		48.4	50.0	0	96.8	52.89	8.87	08/09/2011	
1,2-Dibromoethane	5.0		48.8	50.0	0	97.6	50.59	3.58	08/09/2011	
1,2-Dichlorobenzene	5.0		50.1	50.0	0	100.2	50.66	1.09	08/09/2011	
1,2-Dichloroethane	5.0		48.4	50.0	0	96.7	49.61	2.57	08/09/2011	
1,2-Dichloropropane	5.0		48.2	50.0	0	96.4	48.13	0.17	08/09/2011	
1,3,5-Trimethylbenzene	5.0		53.8	50.0	0	107.6	53.53	0.54	08/09/2011	
1,3-Dichlorobenzene	5.0		52.2	50.0	0	104.4	52.59	0.73	08/09/2011	
1,3-Dichloropropane	5.0		49.1	50.0	0	98.2	50.20	2.17	08/09/2011	
1,4-Dichlorobenzene	5.0		51.2	50.0	0	102.5	52.51	2.43	08/09/2011	
1-Chlorobutane	5.0		47.8	50.0	0	95.5	47.45	0.67	08/09/2011	
2,2-Dichloropropane	5.0		50.5	50.0	0	101.0	50.49	0.04	08/09/2011	
2-Butanone	50.0		143	125	0	114.6	157.5	9.42	08/09/2011	
2-Chlorotoluene	5.0		53.1	50.0	0	106.3	52.66	0.89	08/09/2011	
2-Hexanone	50.0		136	125	0	109.0	148.4	8.57	08/09/2011	
2-Nitropropane	50.0		506	500	0	101.1	557.2	9.70	08/09/2011	
4-Chlorotoluene	5.0		52.8	50.0	0	105.6	52.62	0.32	08/09/2011	
4-Methyl-2-pentanone	50.0		123	125	0	98.3	135.0	9.45	08/09/2011	
Acetone	50.0		138	125	0	110.5	149.3	7.79	08/09/2011	
Acrylonitrile	10.0		48.9	50.0	0	97.9	53.41	8.73	08/09/2011	
Allyl chloride	5.0		46.3	50.0	0	92.6	46.60	0.62	08/09/2011	
Benzene	1.0		48.8	50.0	0	97.5	48.81	0.08	08/09/2011	
Bromobenzene	5.0		53.1	50.0	0	106.2	52.67	0.78	08/09/2011	
Bromochloromethane	5.0		48.4	50.0	0	96.8	48.95	1.11	08/09/2011	
Bromodichloromethane	5.0		49.8	50.0	0	99.7	50.23	0.78	08/09/2011	
Bromoform	5.0		52.4	50.0	0	104.8	54.81	4.48	08/09/2011	
Bromomethane	10.0		44.2	50.0	0	88.4	39.58	10.98	08/09/2011	
Carbon disulfide	5.0		42.2	50.0	0	84.5	43.16	2.15	08/09/2011	
Carbon tetrachloride	5.0		50.4	50.0	0	100.9	50.76	0.61	08/09/2011	
Chlorobenzene	5.0		50.0	50.0	0	100.1	50.20	0.34	08/09/2011	
Chloroethane	10.0		49.1	50.0	0	98.2	45.17	8.36	08/09/2011	
Chloroform	5.0		48.8	50.0	0	97.5	48.59	0.33	08/09/2011	
Chloromethane	10.0		36.0	50.0	0	72.0	36.87	2.33	08/09/2011	
cis-1,2-Dichloroethene	5.0		49.3	50.0	0	98.6	49.51	0.40	08/09/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080288

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 15-Aug-11

### SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 70295	SampType: LCSD	Units µg/Kg						RPD Limit 40		Date Analyzed
SampID: LCSD-A110809-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
cis-1,3-Dichloropropene	4.0		52.2	50.0	0	104.5	52.65	0.80	08/09/2011	
Cyclohexanone	100		235	250	0	94.0	250.8	6.55	08/09/2011	
Dibromochloromethane	5.0		52.0	50.0	0	103.9	53.15	2.25	08/09/2011	
Dibromomethane	5.0		47.6	50.0	0	95.3	48.85	2.49	08/09/2011	
Dichlorodifluoromethane	10.0		17.8	50.0	0	35.6	19.38	8.56	08/09/2011	
Ethyl acetate	50.0	J	46	50.0	0	92.7	50.63	0.00	08/09/2011	
Ethyl ether	5.0		46.6	50.0	0	93.1	48.68	4.43	08/09/2011	
Ethyl methacrylate	5.0		50.4	50.0	0	100.8	52.91	4.88	08/09/2011	
Ethylbenzene	5.0		50.4	50.0	0	100.8	50.82	0.85	08/09/2011	
Heptane	20.0		50.1	50.0	0	100.3	51.23	2.15	08/09/2011	
Hexachlorobutadiene	5.0		47.5	50.0	0	94.9	50.11	5.41	08/09/2011	
Hexachloroethane	5.0		52.5	50.0	0	105.1	51.98	1.07	08/09/2011	
Iodomethane	10.0		58.4	50.0	0	116.8	56.45	3.40	08/09/2011	
Isopropylbenzene	5.0		51.8	50.0	0	103.6	51.93	0.21	08/09/2011	
m,p-Xylenes	5.0		103	100	0	102.8	104.5	1.66	08/09/2011	
Methacrylonitrile	50.0	J	49	50.0	0	97.1	52.16	0.00	08/09/2011	
Methyl Methacrylate	5.0		47.4	50.0	0	94.8	51.03	7.40	08/09/2011	
Methyl tert-butyl ether	2.0		51.8	50.0	0	103.5	53.83	3.90	08/09/2011	
Methylacrylate	10.0		47.6	50.0	0	95.3	51.35	7.47	08/09/2011	
Methylene chloride	5.0		48.0	50.0	0	96.0	48.46	0.91	08/09/2011	
Naphthalene	10.0		43.0	50.0	0	85.9	48.41	11.95	08/09/2011	
n-Butylbenzene	5.0		52.1	50.0	0	104.2	54.21	3.99	08/09/2011	
n-Hexane	20.0		44.1	50.0	0	88.2	47.02	6.41	08/09/2011	
Nitrobenzene	100		425	500	0	85.0	514.6	19.08	08/09/2011	
n-Propylbenzene	5.0		53.8	50.0	0	107.7	53.75	0.15	08/09/2011	
o-Xylene	5.0		50.8	50.0	0	101.6	51.34	1.02	08/09/2011	
Pentachloroethane	5.0		55.6	50.0	0	111.2	59.90	7.43	08/09/2011	
p-Isopropyltoluene	5.0		53.1	50.0	0	106.2	53.41	0.60	08/09/2011	
Propionitrile	50.0		469	500	0	93.9	521.7	10.57	08/09/2011	
sec-Butylbenzene	5.0		52.6	50.0	0	105.2	52.21	0.71	08/09/2011	
Styrene	5.0		52.9	50.0	0	105.8	53.46	1.09	08/09/2011	
tert-Butylbenzene	5.0		52.5	50.0	0	105.1	51.65	1.69	08/09/2011	
Tetrachloroethene	5.0		51.0	50.0	0	102.0	48.24	5.58	08/09/2011	
Tetrahydrofuran	50.0	J	49	50.0	0	97.3	53.49	0.00	08/09/2011	
Toluene	5.0		49.6	50.0	0	99.2	49.47	0.26	08/09/2011	
trans-1,2-Dichloroethene	5.0		47.9	50.0	0	95.8	48.32	0.89	08/09/2011	
trans-1,3-Dichloropropene	4.0		52.4	50.0	0	104.8	53.16	1.44	08/09/2011	
Trichloroethene	5.0		50.2	50.0	0	100.4	51.02	1.58	08/09/2011	
Trichlorofluoromethane	5.0		48.0	50.0	0	96.0	48.85	1.71	08/09/2011	
Vinyl acetate	50.0	J	49	50.0	0	98.4	53.24	0.00	08/09/2011	
Vinyl chloride	2.0		40.7	50.0	0	81.4	41.17	1.10	08/09/2011	
Surr: 1,2-Dichloroethane-d4			50.0	50.0		99.9			08/09/2011	
Surr: 4-Bromofluorobenzene			49.4	50.0		98.8			08/09/2011	
Surr: Dibromofluoromethane			50.5	50.0		101.1			08/09/2011	
Surr: Toluene-d8			50.3	50.0		100.7			08/09/2011	



# Receiving Check List

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080288

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 15-Aug-11

**Carrier:** Michael Flora

**Received By:** MLD

**Completed by:** *Marvin L. Darling II*  
**On:** 05-Aug-11  
Marvin L. Darling

**Reviewed by:** *Elizabeth A. Hurley*  
**On:** 05-Aug-11  
Elizabeth A. Hurley

Pages to follow: Chain of custody  Extra pages included

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>	Temp °C 2.4
Type of thermal preservation?	None <input type="checkbox"/>	Ice <input checked="" type="checkbox"/>	Blue Ice <input type="checkbox"/>	Dry Ice <input type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Reported field parameters measured:	Field <input type="checkbox"/>	Lab <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	
Container/Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
<i>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.</i>				
Water - vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials <input checked="" type="checkbox"/>	
Water - TOX containers have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No TOX containers <input checked="" type="checkbox"/>	
Water - pH acceptable upon receipt?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		

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



# Chain of Custody Record

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

11080288

COC Serial No. 11320

OF

Project Name: Champaign MGR Project Mgr.: P. Szaguna

Project Number: 62409080120 Cost Code: J0002

Sampler(s): Flova

Laboratory Name: Teklab, Inc.

Location: Collinsville, IL

Sample ID (depth)

Date

Time

Matrix

Soil

Water

Air

Wipes

Other \*

Total Number of Containers

Analyses by Method Name and Number

Comments (Field PID)

Lab ID #'s

Laboratory Temperature upon Receipt

Sample ID (depth)	Date	Time	Matrix	Soil	Water	Air	Wipes	Other *	Total Number of Containers	Analyses by Method Name and Number	Comments (Field PID)	Lab ID #'s
PA3-02(3)	8/1/11	0900		X					5	BTEX (8260) PAH-SIM (8270) Arsenic Chromium ICRA Metals Cyanide total & free TPH (0A2) PH VOCs (8260) MMSB5VOC (8280) PCBS	11080288-001	
PA3-01(3)		1100		X					5			-002
PA2-06(3)		1230		X					1			-003
PA2-05(3)		1245		X					1			-004
PA2-04(3)		1630		X					1			-005
PA2-03(3)	8/2/11	1100		X					1			-006
PA2-02(3)		1230		X					1			-007
PA2-01A(3)	8/3/11	1430		X					6			-008
PA2-01B(3)		1445		X					6			-009

Laboratory Temperature upon Receipt  
2.4

Samples Iced:  Yes  No

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

Lab Directives:

- Requested TAT:  24-Hour  2-3 Days  STD  Other \_\_\_\_\_
- E-mail and/or Mail Results to: P. Szaguna / L. Hoosier
- Send Invoice to: B. Martin (Ameren)
- QC Deliverable Requested:  Full QC & Limits  CLP-LIKE  EDD  Other \_\_\_\_\_
- Special Guidelines: \_\_\_\_\_
- Reporting Limits: IL IAC 740/742 TACO TIER 7
- \* Special: \_\_\_\_\_

Shipping:

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

Relinquished by:

Signature: [Signature]  
Date: 8/5/11 Time: 1205

Received by:

Signature: [Signature]  
Date: 8/5/11 Time: 1205

August 19, 2011

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



**RE:** A831-735002-012901-225Ameren Champaign  
62409080120

**WorkOrder:** 11080614

Dear Pete Sazama:

TEKLAB, INC received 2 samples on 8/12/2011 4:15:00 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. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

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

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

Sincerely,



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



## Report Contents

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

---

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080614

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 19-Aug-11

---

**This reporting package includes the following:**

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	4
Laboratory Results	5
Sample Summary	15
Dates Report	16
Quality Control Results	17
Receiving Check List	40
Chain of Custody	Appended

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080614

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 19-Aug-11

### Abbr Definition

- CCV Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.
- DF Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilutions factors.
- DNI Did not ignite
- DUP Laboratory duplicate is an aliquot of a sample taken from the same container under laboratory conditions for independent processing and analysis independently of the original aliquot.
- ICV Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
- IDPH IL Dept. of Public Health
- LCS Laboratory control sample, spiked with verified known amounts of analytes, is analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system. The acceptable recovery range is in the QC Package (provided upon request).
- LCSD Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
- MB Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.
- MDL Method detection limit means the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.
- MS Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).
- MSD Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
- MW Molecular weight
- ND Not Detected at the Reporting Limit
- NELAP NELAP Accredited
- PQL Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions. The acceptable recovery range is listed in the QC Package (provided upon request).
- RL The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.
- RPD Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).
- SPK The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.
- Surr Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.
- TNTC Too numerous to count ( > 200 CFU )

### Qualifiers

- |  |  |
|--|--|
| # - Unknown hydrocarbon                        | B - Analyte detected in associated Method Blank        |
| E - Value above quantitation range             | H - Holding times exceeded                             |
| J - Analyte detected below quantitation limits | M - Manual Integration used to determine area response |
| ND - Not Detected at the Reporting Limit       | R - RPD outside accepted recovery limits               |
| S - Spike Recovery outside recovery limits     | X - Value exceeds Maximum Contaminant Level            |



## Case Narrative

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080614

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 19-Aug-11

**Cooler Receipt Temp:** 1.2 °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 kmclain@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	1/31/2012	Collinsville
Kansas	KDHE	E-10374	NELAP	1/31/2012	Collinsville
Louisiana	LDEQ	166493	NELAP	6/30/2012	Collinsville
Louisiana	LDEQ	166578	NELAP	6/30/2012	Springfield
Arkansas	ADEQ	88-0966		3/14/2012	Collinsville
Illinois	IDPH	17584		4/30/2012	Collinsville
Kentucky	UST	0073		5/26/2012	Collinsville
Missouri	MDNR	00930		4/13/2013	Collinsville
Oklahoma	ODEQ	9978		8/31/2011	Collinsville



Client: PSC Industrial Outsourcing, LP

Work Order: 11080614

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 19-Aug-11

Lab ID: 11080614-001

Client Sample ID: PA2-01B (10)F

Matrix: SOLID

Collection Date: 08/11/2011 8:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		13.9	%	1	08/15/2011 10:14	R153209
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.29		1.35	mg/Kg-dry	1	08/16/2011 11:58	70426
<i>MS/MSD results have less certainty, because MS/MSD values exceed upper quantitation limits.</i>								
<b>SW-846 9045C</b>								
pH (1:1)	NELAP	1.00		8.16		1	08/16/2011 17:44	R153235
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.36		5.81	mg/Kg-dry	1	08/16/2011 13:54	70402
Barium	NELAP	0.47		39.4	mg/Kg-dry	1	08/15/2011 22:23	70402
Cadmium	NELAP	0.19	J	0.09	mg/Kg-dry	1	08/16/2011 13:54	70402
Chromium	NELAP	0.94		15.5	mg/Kg-dry	1	08/15/2011 22:23	70402
Lead	NELAP	3.77		10.3	mg/Kg-dry	1	08/15/2011 22:23	70402
Silver	NELAP	0.52		< 0.52	mg/Kg-dry	1	08/15/2011 22:23	70402
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium	7740	NELAP	0.566	< 0.566	mg/Kg-dry	1	08/16/2011 10:03	70406
<b>SW-846 7471A</b>								
Mercury	NELAP	0.011		< 0.011	mg/Kg-dry	1	08/17/2011 13:00	70465
<b>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</b>								
Diesel	NELAP	5.78	R	ND	mg/Kg-dry	1	08/16/2011 18:37	70419
Kerosene	NELAP	5.78		ND	mg/Kg-dry	1	08/16/2011 18:37	70419
Mineral Spirits	NELAP	5.78		ND	mg/Kg-dry	1	08/16/2011 18:37	70419
Motor Oil	NELAP	5.78		ND	mg/Kg-dry	1	08/16/2011 18:37	70419
Surr: n-Tetracontane		50.6-140		82.3	%REC	1	08/16/2011 18:37	70419
<i>The Matrix spike was double spiked causing the RPD to be outside of the QC limits. The percent recoveries were within the acceptable QC limits.</i>								
<b>SW-846 3550B, 8082, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD</b>								
Aroclor 1016	NELAP	43.3		ND	µg/Kg-dry	1	08/16/2011 16:41	70420
Aroclor 1221	NELAP	43.3		ND	µg/Kg-dry	1	08/16/2011 16:41	70420
Aroclor 1232	NELAP	43.3		ND	µg/Kg-dry	1	08/16/2011 16:41	70420
Aroclor 1242	NELAP	43.3		ND	µg/Kg-dry	1	08/16/2011 16:41	70420
Aroclor 1248	NELAP	43.3		ND	µg/Kg-dry	1	08/16/2011 16:41	70420
Aroclor 1254	NELAP	43.3		ND	µg/Kg-dry	1	08/16/2011 16:41	70420
Aroclor 1260	NELAP	43.3		ND	µg/Kg-dry	1	08/16/2011 16:41	70420
Surr: Decachlorobiphenyl		5-156		117.5	%REC	1	08/16/2011 16:41	70420
Surr: Tetrachloro-meta-xylene		7.35-123		72.7	%REC	1	08/16/2011 16:41	70420
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	08/17/2011 22:06	70400
Acenaphthylene	NELAP	0.004		0.004	mg/Kg-dry	1	08/17/2011 22:06	70400
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	08/17/2011 22:06	70400
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	08/17/2011 22:06	70400
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	08/17/2011 22:06	70400
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	08/17/2011 22:06	70400
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	08/17/2011 22:06	70400
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	08/17/2011 22:06	70400
Bis(2-ethylhexyl)phthalate	NELAP	0.077		ND	mg/Kg-dry	1	08/17/2011 22:06	70400
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	08/17/2011 22:06	70400
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	08/17/2011 22:06	70400

Client: PSC Industrial Outsourcing, LP

Work Order: 11080614

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 19-Aug-11

Lab ID: 11080614-001

Client Sample ID: PA2-01B (10)F

Matrix: SOLID

Collection Date: 08/11/2011 8:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	08/17/2011 22:06	70400
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	08/17/2011 22:06	70400
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	08/17/2011 22:06	70400
Naphthalene	NELAP	0.004		0.019	mg/Kg-dry	1	08/17/2011 22:06	70400
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	08/17/2011 22:06	70400
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	08/17/2011 22:06	70400
Surr: 2-Fluorobiphenyl		10-131		55.1	%REC	1	08/17/2011 22:06	70400
Surr: Nitrobenzene-d5		10-132		59.8	%REC	1	08/17/2011 22:06	70400
Surr: p-Terphenyl-d14		80.2-138		85.0	%REC	1	08/17/2011 22:06	70400

**SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS**

1,2,4-Trichlorobenzene	NELAP	0.577		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
1,2-Dichlorobenzene	NELAP	0.577		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
1,3-Dichlorobenzene	NELAP	0.577		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
1,4-Dichlorobenzene	NELAP	0.577		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
2,4,5-Trichlorophenol	NELAP	0.404		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
2,4,6-Trichlorophenol	NELAP	0.404		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
2,4-Dichlorophenol	NELAP	0.577		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
2,4-Dimethylphenol	NELAP	0.577		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
2,4-Dinitrophenol	NELAP	1.15		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
2,4-Dinitrotoluene	NELAP	0.404		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
2,6-Dinitrotoluene	NELAP	0.404		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
2-Chloronaphthalene	NELAP	0.404		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
2-Chlorophenol	NELAP	0.577		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
2-Methoxy-4-methylphenol		0.750		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
2-Methylnaphthalene	NELAP	0.404		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
2-Nitroaniline	NELAP	1.15		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
2-Nitrophenol	NELAP	0.404		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
3,3'-Dichlorobenzidine	NELAP	0.404		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
3-Nitroaniline	NELAP	1.15		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
4,6-Dinitro-2-methylphenol	NELAP	1.15		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
4-Bromophenyl phenyl ether	NELAP	0.404		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
4-Chloro-3-methylphenol	NELAP	0.577		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
4-Chloroaniline	NELAP	0.577		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
4-Chlorophenyl phenyl ether	NELAP	0.404		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
4-Nitroaniline	NELAP	0.577		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
4-Nitrophenol	NELAP	0.404		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
Aniline	NELAP	0.577		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
Azobenzene		0.404		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
Benzidine	NELAP	1.22		see note	mg/Kg-dry	1	08/16/2011 11:49	70399
Benzoic acid	NELAP	1.73		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
Benzyl alcohol	NELAP	0.577		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
Bis(2-chloroethoxy)methane	NELAP	0.404		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
Bis(2-chloroethyl)ether	NELAP	0.577		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
Bis(2-chloroisopropyl)ether	NELAP	0.404		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
Butyl benzyl phthalate	NELAP	0.404		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
Carbazole		0.577		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
Dibenzofuran	NELAP	0.404		ND	mg/Kg-dry	1	08/16/2011 11:49	70399

Client: PSC Industrial Outsourcing, LP

Work Order: 11080614

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 19-Aug-11

Lab ID: 11080614-001

Client Sample ID: PA2-01B (10)F

Matrix: SOLID

Collection Date: 08/11/2011 8:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Diethyl phthalate	NELAP	0.577		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
Dimethyl phthalate	NELAP	0.404		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
Di-n-butyl phthalate	NELAP	0.404		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
Di-n-octyl phthalate	NELAP	0.404		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
Hexachlorobenzene	NELAP	0.404		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
Hexachlorobutadiene	NELAP	0.577		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
Hexachlorocyclopentadiene	NELAP	0.404		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
Hexachloroethane	NELAP	0.577		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
Isophorone	NELAP	0.404		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
m,p-Cresol	NELAP	0.577		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
Nitrobenzene	NELAP	0.577		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
N-Nitrosodimethylamine	NELAP	0.577		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
N-Nitroso-di-n-propylamine	NELAP	0.577		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
N-Nitrosodiphenylamine	NELAP	0.577		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
o-Cresol	NELAP	0.577		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
Pentachlorophenol	NELAP	2.31		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
Phenol	NELAP	0.404		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
Pyridine	NELAP	0.577		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
1,2-Diphenylhydrazine		0.969		ND	mg/Kg-dry	1	08/16/2011 11:49	70399
Surr: 2,4,6-Tribromophenol		32.7-130		61.3	%REC	1	08/16/2011 11:49	70399
Surr: 2-Fluorobiphenyl		34.1-116		64.6	%REC	1	08/16/2011 11:49	70399
Surr: 2-Fluorophenol		30.5-99		65.2	%REC	1	08/16/2011 11:49	70399
Surr: Nitrobenzene-d5		34.1-101		65.3	%REC	1	08/16/2011 11:49	70399
Surr: Phenol-d5		34.9-110		62.5	%REC	1	08/16/2011 11:49	70399
Surr: p-Terphenyl-d14		41.7-124		73.4	%REC	1	08/16/2011 11:49	70399

Note: Benzidine is currently not reportable while extraction efficiency and recovery are investigated.

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

1,1,1,2-Tetrachloroethane	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
1,1,1-Trichloroethane	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
1,1,2,2-Tetrachloroethane	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
1,1,2-Trichloro-1,2,2-trifluoroethane		7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
1,1,2-Trichloroethane	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
1,1-Dichloro-2-propanone		79.8		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
1,1-Dichloroethane	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
1,1-Dichloroethene	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
1,1-Dichloropropene	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
1,2,3-Trichlorobenzene	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
1,2,3-Trichloropropane	NELAP	16.0		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
1,2,3-Trimethylbenzene		7.98	J	3.0	µg/Kg-dry	1	08/16/2011 14:20	70441
1,2,4-Trichlorobenzene	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
1,2,4-Trimethylbenzene	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
1,2-Dibromo-3-chloropropane	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
1,2-Dibromoethane	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
1,2-Dichlorobenzene	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
1,2-Dichloroethane	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
1,2-Dichloropropane	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
1,3,5-Trimethylbenzene	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441

Client: PSC Industrial Outsourcing, LP

Work Order: 11080614

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 19-Aug-11

Lab ID: 11080614-001

Client Sample ID: PA2-01B (10)F

Matrix: SOLID

Collection Date: 08/11/2011 8:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,3-Dichlorobenzene	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
1,3-Dichloropropane	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
1,4-Dichlorobenzene	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
1-Chlorobutane	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
2,2-Dichloropropane	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
2-Butanone	NELAP	79.8		125	µg/Kg-dry	1	08/16/2011 14:20	70441
2-Chlorotoluene	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
2-Hexanone	NELAP	79.8		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
2-Nitropropane	NELAP	79.8		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
4-Chlorotoluene	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
4-Methyl-2-pentanone	NELAP	79.8		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
Acetone	NELAP	79.8		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
Acrolein	NELAP	160		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
Acrylonitrile	NELAP	16.0		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
Allyl chloride	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
Benzene	NELAP	1.60		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
Bromobenzene	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
Bromochloromethane	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
Bromodichloromethane	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
Bromoform	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
Bromomethane	NELAP	16.0		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
Carbon disulfide	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
Carbon tetrachloride	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
Chlorobenzene	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
Chloroethane	NELAP	16.0		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
Chloroform	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
Chloromethane	NELAP	16.0		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
cis-1,2-Dichloroethene	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
cis-1,3-Dichloropropene	NELAP	6.38		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
Cyclohexanone		160		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
Dibromochloromethane	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
Dibromomethane	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
Dichlorodifluoromethane	NELAP	16.0		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
Ethyl acetate	NELAP	79.8		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
Ethyl ether	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
Ethyl methacrylate	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
Ethylbenzene	NELAP	7.98	J	1.9	µg/Kg-dry	1	08/16/2011 14:20	70441
Heptane		31.9		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
Hexachlorobutadiene	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
Hexachloroethane	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
Iodomethane	NELAP	16.0		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
Isopropylbenzene	NELAP	7.98	J	2.0	µg/Kg-dry	1	08/16/2011 14:20	70441
m,p-Xylenes	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
Methacrylonitrile	NELAP	79.8		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
Methyl Methacrylate	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
Methyl tert-butyl ether	NELAP	3.19		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
Methylacrylate		16.0		ND	µg/Kg-dry	1	08/16/2011 14:20	70441

Client: PSC Industrial Outsourcing, LP

Work Order: 11080614

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 19-Aug-11

Lab ID: 11080614-001

Client Sample ID: PA2-01B (10)F

Matrix: SOLID

Collection Date: 08/11/2011 8:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Methylene chloride	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
Naphthalene	NELAP	16.0	J	10	µg/Kg-dry	1	08/16/2011 14:20	70441
n-Butylbenzene	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
n-Hexane		31.9		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
Nitrobenzene	NELAP	160		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
n-Propylbenzene	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
o-Xylene	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
Pentachloroethane	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
p-Isopropyltoluene	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
Propionitrile	NELAP	79.8		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
sec-Butylbenzene	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
Styrene	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
tert-Butylbenzene	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
Tetrachloroethene	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
Tetrahydrofuran	NELAP	79.8		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
Toluene	NELAP	7.98	J	2.5	µg/Kg-dry	1	08/16/2011 14:20	70441
trans-1,2-Dichloroethene	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
trans-1,3-Dichloropropene	NELAP	6.38		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
Trichloroethene	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
Trichlorofluoromethane	NELAP	7.98		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
Vinyl acetate	NELAP	79.8		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
Vinyl chloride	NELAP	3.19		ND	µg/Kg-dry	1	08/16/2011 14:20	70441
Surr: 1,2-Dichloroethane-d4		72.2-131		104.2	%REC	1	08/16/2011 14:20	70441
Surr: 4-Bromofluorobenzene		82.1-116		94.8	%REC	1	08/16/2011 14:20	70441
Surr: Dibromofluoromethane		77.7-120		101.5	%REC	1	08/16/2011 14:20	70441
Surr: Toluene-d8		86-116		100.0	%REC	1	08/16/2011 14:20	70441

Client: PSC Industrial Outsourcing, LP

Work Order: 11080614

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 19-Aug-11

Lab ID: 11080614-002

Client Sample ID: PA2-01C (10)F

Matrix: SOLID

Collection Date: 08/11/2011 16:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch	
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>									
Percent Moisture		0.1		17.3	%	1	08/15/2011 10:14	R153209	
<b>SW-846 9012A (TOTAL)</b>									
Cyanide	NELAP	0.30	J	0.29	mg/Kg-dry	1	08/16/2011 11:58	70426	
<b>SW-846 9045C</b>									
pH (1:1)	NELAP	1.00		7.96		1	08/16/2011 17:46	R153235	
<b>SW-846 3050B, 6010B, METALS BY ICP</b>									
Arsenic	NELAP	2.31		8.34	mg/Kg-dry	1	08/16/2011 14:12	70402	
Barium	NELAP	0.46		32.6	mg/Kg-dry	1	08/15/2011 22:41	70402	
Cadmium	NELAP	0.19		< 0.19	mg/Kg-dry	1	08/16/2011 14:12	70402	
Chromium	NELAP	0.93		19.1	mg/Kg-dry	1	08/15/2011 22:41	70402	
Lead	NELAP	3.70		12.8	mg/Kg-dry	1	08/15/2011 22:41	70402	
Silver	NELAP	0.51		< 0.51	mg/Kg-dry	1	08/15/2011 22:41	70402	
<b>SW-846 3050B, METALS BY GFAA</b>									
Selenium	7740	NELAP		0.588	< 0.588	mg/Kg-dry	1	08/17/2011 12:00	70406
<b>SW-846 7471A</b>									
Mercury	NELAP	0.012		< 0.012	mg/Kg-dry	1	08/17/2011 13:00	70465	
<b>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</b>									
Diesel	NELAP	6.04		ND	mg/Kg-dry	1	08/16/2011 19:29	70419	
Kerosene	NELAP	6.04		ND	mg/Kg-dry	1	08/16/2011 19:29	70419	
Mineral Spirits	NELAP	6.04		ND	mg/Kg-dry	1	08/16/2011 19:29	70419	
Motor Oil	NELAP	6.04		ND	mg/Kg-dry	1	08/16/2011 19:29	70419	
Surr: n-Tetracontane		50.6-140		86.1	%REC	1	08/16/2011 19:29	70419	
<b>SW-846 3550B, 8082, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD</b>									
Aroclor 1016	NELAP	45.2		ND	µg/Kg-dry	1	08/16/2011 16:59	70420	
Aroclor 1221	NELAP	45.2		ND	µg/Kg-dry	1	08/16/2011 16:59	70420	
Aroclor 1232	NELAP	45.2		ND	µg/Kg-dry	1	08/16/2011 16:59	70420	
Aroclor 1242	NELAP	45.2		ND	µg/Kg-dry	1	08/16/2011 16:59	70420	
Aroclor 1248	NELAP	45.2		ND	µg/Kg-dry	1	08/16/2011 16:59	70420	
Aroclor 1254	NELAP	45.2		ND	µg/Kg-dry	1	08/16/2011 16:59	70420	
Aroclor 1260	NELAP	45.2		ND	µg/Kg-dry	1	08/16/2011 16:59	70420	
Surr: Decachlorobiphenyl		5-156		114.1	%REC	1	08/16/2011 16:59	70420	
Surr: Tetrachloro-meta-xylene		7.35-123		71.5	%REC	1	08/16/2011 16:59	70420	
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>									
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	08/17/2011 22:42	70400	
Acenaphthylene	NELAP	0.004		0.006	mg/Kg-dry	1	08/17/2011 22:42	70400	
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	08/17/2011 22:42	70400	
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	08/17/2011 22:42	70400	
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	08/17/2011 22:42	70400	
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	08/17/2011 22:42	70400	
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	08/17/2011 22:42	70400	
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	08/17/2011 22:42	70400	
Bis(2-ethylhexyl)phthalate	NELAP	0.080		ND	mg/Kg-dry	1	08/17/2011 22:42	70400	
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	08/17/2011 22:42	70400	
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	08/17/2011 22:42	70400	
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	08/17/2011 22:42	70400	
Fluorene	NELAP	0.004	J	0.004	mg/Kg-dry	1	08/17/2011 22:42	70400	

Client: PSC Industrial Outsourcing, LP

Work Order: 11080614

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 19-Aug-11

Lab ID: 11080614-002

Client Sample ID: PA2-01C (10)F

Matrix: SOLID

Collection Date: 08/11/2011 16:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	08/17/2011 22:42	70400
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	08/17/2011 22:42	70400
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	08/17/2011 22:42	70400
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	08/17/2011 22:42	70400
Surr: 2-Fluorobiphenyl		10-131		55.6	%REC	1	08/17/2011 22:42	70400
Surr: Nitrobenzene-d5		10-132		67.6	%REC	1	08/17/2011 22:42	70400
Surr: p-Terphenyl-d14		80.2-138		89.8	%REC	1	08/17/2011 22:42	70400
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	0.599		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
1,2-Dichlorobenzene	NELAP	0.599		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
1,3-Dichlorobenzene	NELAP	0.599		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
1,4-Dichlorobenzene	NELAP	0.599		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
2,4,5-Trichlorophenol	NELAP	0.419		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
2,4,6-Trichlorophenol	NELAP	0.419		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
2,4-Dichlorophenol	NELAP	0.599		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
2,4-Dimethylphenol	NELAP	0.599		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
2,4-Dinitrophenol	NELAP	1.20		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
2,4-Dinitrotoluene	NELAP	0.419		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
2,6-Dinitrotoluene	NELAP	0.419		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
2-Chloronaphthalene	NELAP	0.419		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
2-Chlorophenol	NELAP	0.599		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
2-Methoxy-4-methylphenol		0.779		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
2-Methylnaphthalene	NELAP	0.419		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
2-Nitroaniline	NELAP	1.20		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
2-Nitrophenol	NELAP	0.419		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
3,3'-Dichlorobenzidine	NELAP	0.419		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
3-Nitroaniline	NELAP	1.20		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
4,6-Dinitro-2-methylphenol	NELAP	1.20		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
4-Bromophenyl phenyl ether	NELAP	0.419		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
4-Chloro-3-methylphenol	NELAP	0.599		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
4-Chloroaniline	NELAP	0.599		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
4-Chlorophenyl phenyl ether	NELAP	0.419		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
4-Nitroaniline	NELAP	0.599		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
4-Nitrophenol	NELAP	0.419		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
Aniline	NELAP	0.599		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
Azobenzene		0.419		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
Benzidine	NELAP	1.27		see note	mg/Kg-dry	1	08/16/2011 13:24	70399
Benzoic acid	NELAP	1.80		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
Benzyl alcohol	NELAP	0.599		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
Bis(2-chloroethoxy)methane	NELAP	0.419		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
Bis(2-chloroethyl)ether	NELAP	0.599		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
Bis(2-chloroisopropyl)ether	NELAP	0.419		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
Butyl benzyl phthalate	NELAP	0.419		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
Carbazole		0.599		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
Dibenzofuran	NELAP	0.419		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
Diethyl phthalate	NELAP	0.599		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
Dimethyl phthalate	NELAP	0.419		ND	mg/Kg-dry	1	08/16/2011 13:24	70399

Client: PSC Industrial Outsourcing, LP

Work Order: 11080614

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 19-Aug-11

Lab ID: 11080614-002

Client Sample ID: PA2-01C (10)F

Matrix: SOLID

Collection Date: 08/11/2011 16:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Di-n-butyl phthalate	NELAP	0.419		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
Di-n-octyl phthalate	NELAP	0.419		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
Hexachlorobenzene	NELAP	0.419		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
Hexachlorobutadiene	NELAP	0.599		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
Hexachlorocyclopentadiene	NELAP	0.419		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
Hexachloroethane	NELAP	0.599		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
Isophorone	NELAP	0.419		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
m,p-Cresol	NELAP	0.599		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
Nitrobenzene	NELAP	0.599		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
N-Nitrosodimethylamine	NELAP	0.599		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
N-Nitroso-di-n-propylamine	NELAP	0.599		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
N-Nitrosodiphenylamine	NELAP	0.599		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
o-Cresol	NELAP	0.599		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
Pentachlorophenol	NELAP	2.40		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
Phenol	NELAP	0.419		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
Pyridine	NELAP	0.599		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
1,2-Diphenylhydrazine		1.01		ND	mg/Kg-dry	1	08/16/2011 13:24	70399
Surr: 2,4,6-Tribromophenol		32.7-130		67.4	%REC	1	08/16/2011 13:24	70399
Surr: 2-Fluorobiphenyl		34.1-116		64.1	%REC	1	08/16/2011 13:24	70399
Surr: 2-Fluorophenol		30.5-99		62.7	%REC	1	08/16/2011 13:24	70399
Surr: Nitrobenzene-d5		34.1-101		63.2	%REC	1	08/16/2011 13:24	70399
Surr: Phenol-d5		34.9-110		62.6	%REC	1	08/16/2011 13:24	70399
Surr: p-Terphenyl-d14		41.7-124		76.9	%REC	1	08/16/2011 13:24	70399

Note: Benzidine is currently not reportable while extraction efficiency and recovery are investigated.

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

1,1,1,2-Tetrachloroethane	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
1,1,1-Trichloroethane	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
1,1,2,2-Tetrachloroethane	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
1,1,2-Trichloro-1,2,2-trifluoroethane		6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
1,1,2-Trichloroethane	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
1,1-Dichloro-2-propanone		69.1		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
1,1-Dichloroethane	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
1,1-Dichloroethene	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
1,1-Dichloropropene	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
1,2,3-Trichlorobenzene	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
1,2,3-Trichloropropane	NELAP	13.8		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
1,2,3-Trimethylbenzene		6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
1,2,4-Trichlorobenzene	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
1,2,4-Trimethylbenzene	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
1,2-Dibromo-3-chloropropane	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
1,2-Dibromoethane	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
1,2-Dichlorobenzene	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
1,2-Dichloroethane	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
1,2-Dichloropropane	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
1,3,5-Trimethylbenzene	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
1,3-Dichlorobenzene	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
1,3-Dichloropropane	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441



Client: PSC Industrial Outsourcing, LP

Work Order: 11080614

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 19-Aug-11

Lab ID: 11080614-002

Client Sample ID: PA2-01C (10)F

Matrix: SOLID

Collection Date: 08/11/2011 16:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,4-Dichlorobenzene	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
1-Chlorobutane	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
2,2-Dichloropropane	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
2-Butanone	NELAP	69.1		106	µg/Kg-dry	1	08/16/2011 14:49	70441
2-Chlorotoluene	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
2-Hexanone	NELAP	69.1		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
2-Nitropropane	NELAP	69.1		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
4-Chlorotoluene	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
4-Methyl-2-pentanone	NELAP	69.1		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
Acetone	NELAP	69.1		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
Acrolein	NELAP	138		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
Acrylonitrile	NELAP	13.8		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
Allyl chloride	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
Benzene	NELAP	1.38		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
Bromobenzene	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
Bromochloromethane	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
Bromodichloromethane	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
Bromoform	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
Bromomethane	NELAP	13.8		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
Carbon disulfide	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
Carbon tetrachloride	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
Chlorobenzene	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
Chloroethane	NELAP	13.8		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
Chloroform	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
Chloromethane	NELAP	13.8		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
cis-1,2-Dichloroethene	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
cis-1,3-Dichloropropene	NELAP	5.53		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
Cyclohexanone		138		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
Dibromochloromethane	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
Dibromomethane	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
Dichlorodifluoromethane	NELAP	13.8		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
Ethyl acetate	NELAP	69.1		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
Ethyl ether	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
Ethyl methacrylate	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
Ethylbenzene	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
Heptane		27.7		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
Hexachlorobutadiene	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
Hexachloroethane	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
Iodomethane	NELAP	13.8		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
Isopropylbenzene	NELAP	6.91	J	1.7	µg/Kg-dry	1	08/16/2011 14:49	70441
m,p-Xylenes	NELAP	6.91	J	1.4	µg/Kg-dry	1	08/16/2011 14:49	70441
Methacrylonitrile	NELAP	69.1		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
Methyl Methacrylate	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
Methyl tert-butyl ether	NELAP	2.77		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
Methylacrylate		13.8		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
Methylene chloride	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
Naphthalene	NELAP	13.8		ND	µg/Kg-dry	1	08/16/2011 14:49	70441

Client: PSC Industrial Outsourcing, LP

Work Order: 11080614

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 19-Aug-11

Lab ID: 11080614-002

Client Sample ID: PA2-01C (10)F

Matrix: SOLID

Collection Date: 08/11/2011 16:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
n-Butylbenzene	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
n-Hexane		27.7		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
Nitrobenzene	NELAP	138		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
n-Propylbenzene	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
o-Xylene	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
Pentachloroethane	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
p-Isopropyltoluene	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
Propionitrile	NELAP	69.1		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
sec-Butylbenzene	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
Styrene	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
tert-Butylbenzene	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
Tetrachloroethene	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
Tetrahydrofuran	NELAP	69.1		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
Toluene	NELAP	6.91	J	2.9	µg/Kg-dry	1	08/16/2011 14:49	70441
trans-1,2-Dichloroethene	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
trans-1,3-Dichloropropene	NELAP	5.53		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
Trichloroethene	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
Trichlorofluoromethane	NELAP	6.91		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
Vinyl acetate	NELAP	69.1		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
Vinyl chloride	NELAP	2.77		ND	µg/Kg-dry	1	08/16/2011 14:49	70441
Surr: 1,2-Dichloroethane-d4		72.2-131		82.3	%REC	1	08/16/2011 14:49	70441
Surr: 4-Bromofluorobenzene		82.1-116		84.5	%REC	1	08/16/2011 14:49	70441
Surr: Dibromofluoromethane		77.7-120		95.9	%REC	1	08/16/2011 14:49	70441
Surr: Toluene-d8		86-116		108.2	%REC	1	08/16/2011 14:49	70441

Surrogate recovery and/or internal standard area was outside QC limits due to matrix interference.



## Sample Summary

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080614

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 19-Aug-11

---

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
11080614-001	PA2-01B (10)F	Solid	5	08/11/2011 8:40
11080614-002	PA2-01C (10)F	Solid	5	08/11/2011 16:30

---



## Dates Report

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080614

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 19-Aug-11

Sample ID	Client Sample ID	Collection Date	Received Date	
	Test Name		Prep Date/Time	Analysis Date/Time
11080614-001A	PA2-01B (10)F	08/11/2011 8:40	8/12/2011 4:15:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		08/15/2011 8:59	08/15/2011 22:23
	SW-846 3050B, 6010B, Metals by ICP		08/15/2011 8:59	08/16/2011 13:54
	SW-846 3050B, Metals by GFAA		08/15/2011 9:34	08/16/2011 10:03
	SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID		08/15/2011 19:31	08/16/2011 18:37
	SW-846 3550B, 8082, PolyChlorinated Biphenyls (PCBs) by GC/ECD		08/15/2011 19:34	08/16/2011 16:41
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		08/15/2011 8:50	08/17/2011 22:06
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		08/15/2011 8:47	08/16/2011 11:49
	SW-846 7471A		08/17/2011 11:01	08/17/2011 13:00
11080614-001B	PA2-01B (10)F	08/11/2011 8:40	8/12/2011 4:15:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			08/15/2011 10:14
	SW-846 9012A (Total)		08/15/2011 18:50	08/16/2011 11:58
	SW-846 9045C			08/16/2011 17:44
11080614-001C	PA2-01B (10)F	08/11/2011 8:40	8/12/2011 4:15:00 PM	
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS			08/16/2011 14:20
11080614-002A	PA2-01C (10)F	08/11/2011 16:30	8/12/2011 4:15:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		08/15/2011 8:59	08/15/2011 22:41
	SW-846 3050B, 6010B, Metals by ICP		08/15/2011 8:59	08/16/2011 14:12
	SW-846 3050B, Metals by GFAA		08/15/2011 9:34	08/17/2011 12:00
	SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID		08/15/2011 19:31	08/16/2011 19:29
	SW-846 3550B, 8082, PolyChlorinated Biphenyls (PCBs) by GC/ECD		08/15/2011 19:34	08/16/2011 16:59
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		08/15/2011 8:50	08/17/2011 22:42
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		08/15/2011 8:47	08/16/2011 13:24
	SW-846 7471A		08/17/2011 11:01	08/17/2011 13:00
11080614-002B	PA2-01C (10)F	08/11/2011 16:30	8/12/2011 4:15:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			08/15/2011 10:14
	SW-846 9012A (Total)		08/15/2011 18:50	08/16/2011 11:58
	SW-846 9045C			08/16/2011 17:46
11080614-002C	PA2-01C (10)F	08/11/2011 16:30	8/12/2011 4:15:00 PM	
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS			08/16/2011 14:49



## Quality Control Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080614

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 19-Aug-11

**EPA SW846 3550C, 5035A, ASTM D2974**

Batch R153209		SampType: LCS		Units %						
SampID: LCS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Percent Moisture	0.1		99.0	99.0	0	100.0	99.9	100.1	08/15/2011	

Batch R153209		SampType: LCSQC		Units %						
SampID: LCSQC										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Percent Moisture	0.1		99.0	99.0	0	100.0	99.9	100.1	08/15/2011	

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

Batch 70426		SampType: MBLK		Units mg/L						
SampID: MB-70426										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide	0.007		< 0.007						08/16/2011	

Batch 70426		SampType: LCS		Units mg/L						
SampID: LCS-70426										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide	0.007		0.025	0.025	0	100.3	85	115	08/16/2011	

Batch 70426		SampType: MS		Units mg/Kg-dry						
SampID: 11080614-001BMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide	0.29	E	2.96	1.45	1.353	110.7	75	125	08/16/2011	

Batch 70426		SampType: MSD		Units mg/Kg-dry		RPD Limit 15				
SampID: 11080614-001BMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Cyanide	0.29	E	3.08	1.45	1.353	119.3	2.960	4.12	08/16/2011	

**SW-846 9045C**

Batch R153235		SampType: LCS		Units						
SampID: LCS-R153235										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
pH (1:1)	1.00		7.02	7.00	0	100.3	99.1	100.8	08/16/2011	

Batch R153235		SampType: DUP		Units		RPD Limit 10				
SampID: 11080614-001BDUP										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
pH (1:1)	1.00		8.05				8.160	1.36	08/16/2011	



## Quality Control Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080614

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 19-Aug-11

**SW-846 9045C**

Batch R153235		SampType: DUP		Units				RPD Limit 10		Date Analyzed
SampID: 11080614-002BDUP										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
pH (1:1)	1.00		<b>7.96</b>				7.960	0.00	08/16/2011	

**SW-846 3050B, 6010B, METALS BY ICP**

Batch 70402		SampType: MBLK		Units mg/Kg-dry						Date Analyzed
SampID: MB-70402										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Arsenic	2.50		< <b>2.50</b>	2.50	0	0	-100	100	08/15/2011	
Barium	0.50		< <b>0.50</b>	0.50	0	0	-100	100	08/15/2011	
Cadmium	0.20		< <b>0.20</b>	0.20	0	0	-100	100	08/15/2011	
Chromium	1.00		< <b>1.00</b>	1.00	0	0	-100	100	08/15/2011	
Lead	4.00		< <b>4.00</b>	4.00	0	0	-100	100	08/15/2011	
Silver	0.55		< <b>0.55</b>	0.55	0	0	-100	100	08/15/2011	

**Batch 70402 SampType: LCS Units mg/Kg-dry**

SampID: LCS-70402									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic	2.50		<b>186</b>	200	0	93.0	85	115	08/15/2011
Barium	0.50		<b>194</b>	200	0	97.0	85	115	08/15/2011
Cadmium	0.20		<b>4.73</b>	5.00	0	94.6	85	115	08/15/2011
Chromium	1.00		<b>19.5</b>	20.0	0	97.5	85	115	08/15/2011
Lead	4.00		<b>47.9</b>	50.0	0	95.8	85	115	08/15/2011
Silver	0.55		<b>5.07</b>	5.00	0	101.4	85	115	08/15/2011

**Batch 70402 SampType: MS Units mg/Kg-dry**

SampID: 11080614-001AMS									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic	2.36		<b>185</b>	189	5.811	95.2	75	125	08/16/2011
Barium	0.47		<b>207</b>	189	39.44	89.0	75	125	08/15/2011
Cadmium	0.19		<b>4.31</b>	4.72	0.09434	89.4	75	125	08/16/2011
Chromium	0.94		<b>33.7</b>	18.9	15.52	96.2	75	125	08/15/2011
Lead	3.77		<b>50.1</b>	47.2	10.32	84.4	75	125	08/15/2011
Silver	0.52		<b>4.28</b>	4.72	0	90.8	75	125	08/15/2011

**Batch 70402 SampType: MSD Units mg/Kg-dry**

SampID: 11080614-001AMSD									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic	2.36		<b>187</b>	189	5.811	95.9	185.4	0.76	08/16/2011
Barium	0.47		<b>225</b>	189	39.44	98.4	207.5	8.16	08/15/2011
Cadmium	0.19		<b>4.36</b>	4.72	0.09434	90.4	4.311	1.09	08/16/2011
Chromium	0.94		<b>32.5</b>	18.9	15.52	90.2	33.68	3.45	08/15/2011
Lead	3.77		<b>50.3</b>	47.2	10.32	84.7	50.12	0.32	08/15/2011
Silver	0.52		<b>4.31</b>	4.72	0	91.4	4.283	0.66	08/15/2011

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080614

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 19-Aug-11

**SW-846 3050B, METALS BY GFAA**

Batch 70406		SampType: MBLK		Units mg/Kg-dry						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Selenium	0.600		< 0.600	0.600	0	0	-100	100	08/16/2011	

Batch 70406		SampType: LCS		Units mg/Kg-dry						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Selenium	0.600		2.67	3.00	0	88.8	80	120	08/16/2011	

Batch 70406		SampType: MS		Units mg/Kg-dry						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Selenium	1.13		2.56	2.83	0	90.5	70	130	08/17/2011	

Batch 70406		SampType: MSD		Units mg/Kg-dry				RPD Limit 20		Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Selenium	1.13		2.39	2.83	0	84.5	2.561	6.87	08/17/2011	

**SW-846 7471A**

Batch 70465		SampType: MBLK		Units mg/Kg						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury	0.010		< 0.010	0.010	0	0	-100	100	08/17/2011	

Batch 70465		SampType: LCS		Units mg/Kg						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury	0.010		0.268	0.250	0	107.2	85	115	08/17/2011	

Batch 70465		SampType: MS		Units mg/Kg-dry						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury	0.011		0.308	0.283	0	108.6	75	125	08/17/2011	

Batch 70465		SampType: MSD		Units mg/Kg-dry				RPD Limit 15		Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Mercury	0.011		0.306	0.283	0	108.0	0.3077	0.55	08/17/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080614

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 19-Aug-11

### SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID

Batch 70419		SampType: MBLK		Units mg/Kg						
SampID: MB-70419										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Diesel	5.00		ND						08/16/2011	
Kerosene	5.00		ND						08/16/2011	
Mineral Spirits	5.00		ND						08/16/2011	
Motor Oil	5.00		ND						08/16/2011	
Surr: n-Tetracontane			0.63	0.67		94.1	54.8	128	08/16/2011	

Batch 70419		SampType: LCS		Units mg/Kg						
SampID: LCS-70419										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Diesel	5.00		13.3	16.7	0	79.5	40.4	121	08/16/2011	
Surr: n-Tetracontane			0.59	0.67		87.7	54.8	128	08/16/2011	

Batch 70419		SampType: MS		Units mg/Kg-dry						
SampID: 11080614-001AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Diesel	5.81		33.6	38.8	0	86.6	20.3	167	08/16/2011	
Surr: n-Tetracontane			0.65	0.78		83.7	53.9	153	08/16/2011	

Batch 70419		SampType: MSD		Units mg/Kg-dry				RPD Limit 34		Date Analyzed	
SampID: 11080614-001AMSD											
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Diesel	5.79	R	19.9	19.3	0	102.9	33.57	51.24	08/17/2011		
Surr: n-Tetracontane			0.76	0.78		98.0			08/17/2011		

### SW-846 3550B, 8082, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD

Batch 70420		SampType: MBLK		Units µg/Kg						
SampID: MB-70420										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Aroclor 1016	37.5		ND						08/16/2011	
Aroclor 1221	37.5		ND						08/16/2011	
Aroclor 1232	37.5		ND						08/16/2011	
Aroclor 1242	37.5		ND						08/16/2011	
Aroclor 1248	37.5		ND						08/16/2011	
Aroclor 1254	37.5		ND						08/16/2011	
Aroclor 1260	37.5		ND						08/16/2011	
Surr: Decachlorobiphenyl			9.3	8.3		112.1	86.4	159	08/16/2011	
Surr: Tetrachloro-meta-xylene			5.4	8.3		65.5	31.6	114	08/16/2011	



**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080614

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 19-Aug-11

**SW-846 3550B, 8082, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD**

Batch 70420		SampType: LCS		Units µg/Kg						
SampID: LCSPCB-70420										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Aroclor 1016	37.5		135	167	0	81.2	54.9	121	08/16/2011	
Aroclor 1260	37.5		168	167	0	100.8	65.5	133	08/16/2011	
Surr: Decachlorobiphenyl			10.3	8.3		123.7	86.4	159	08/16/2011	
Surr: Tetrachloro-meta-xylene			6.3	8.3		76.2	31.6	114	08/16/2011	

Batch 70420		SampType: MS		Units µg/Kg-dry						
SampID: 11080614-002AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Aroclor 1016	45.3		155	201	0	76.8	35.8	143	08/16/2011	
Aroclor 1260	45.3		192	201	0	95.2	22.3	152	08/16/2011	
Surr: Decachlorobiphenyl			10.6	10.0		105.5	5	156	08/16/2011	
Surr: Tetrachloro-meta-xylene			7.0	10.0		70.2	7.35	123	08/16/2011	

Batch 70420		SampType: MSD		Units µg/Kg-dry				RPD Limit 40		Date Analyzed	
SampID: 11080614-002AMSD											
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Aroclor 1016	45.3		152	202	0	75.4	154.8	1.90	08/16/2011		
Aroclor 1260	45.3		186	202	0	92.5	191.8	2.90	08/16/2011		
Surr: Decachlorobiphenyl			11.0	10.0		110.1			08/16/2011		
Surr: Tetrachloro-meta-xylene			6.7	10.0		66.6			08/16/2011		

**SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS**

Batch 70399		SampType: MBLK		Units %REC						
SampID: MB-70399										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: p-Terphenyl-d14			0.890	0.835		106.6	45.5	115	08/16/2011	

Batch 70399		SampType: LCS		Units %REC						
SampID: LCS-70399										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: p-Terphenyl-d14			0.779	0.835		93.3	45.5	115	08/16/2011	

Batch 70399		SampType: LCS		Units %REC						
SampID: LCSDRO-70399										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: p-Terphenyl-d14			0.759	0.835		90.9	45.5	115	08/16/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080614

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 19-Aug-11

**SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS**

Batch 70400		SampType: MBLK		Units mg/Kg						Date Analyzed
SampID: MB-70400										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Acenaphthene	0.003		ND						08/17/2011	
Acenaphthylene	0.003		ND						08/17/2011	
Anthracene	0.003		ND						08/17/2011	
Benzo(a)anthracene	0.003		ND						08/17/2011	
Benzo(a)pyrene	0.003		ND						08/17/2011	
Benzo(b)fluoranthene	0.003		ND						08/17/2011	
Benzo(g,h,i)perylene	0.003		ND						08/17/2011	
Benzo(k)fluoranthene	0.003		ND						08/17/2011	
Bis(2-ethylhexyl)phthalate	0.067		ND						08/17/2011	
Chrysene	0.003		ND						08/17/2011	
Dibenzo(a,h)anthracene	0.003		ND						08/17/2011	
Fluoranthene	0.003		ND						08/17/2011	
Fluorene	0.003		ND						08/17/2011	
Indeno(1,2,3-cd)pyrene	0.003		ND						08/17/2011	
Naphthalene	0.003		ND						08/17/2011	
Phenanthrene	0.003		ND						08/17/2011	
Pyrene	0.003		ND						08/17/2011	
Surr: 2-Fluorobiphenyl			0.119	0.167		71.3	45.7	89.2	08/17/2011	
Surr: Nitrobenzene-d5			0.118	0.167		70.5	31.4	100	08/17/2011	
Surr: p-Terphenyl-d14			0.156	0.167		93.6	53.3	124	08/17/2011	

Batch 70400		SampType: LCS		Units mg/Kg						Date Analyzed
SampID: LCS-70400										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Acenaphthene	0.003		0.116	0.167	0	69.7	56.3	115	08/17/2011	
Acenaphthylene	0.003		0.125	0.167	0	74.9	60.3	143	08/17/2011	
Anthracene	0.003		0.119	0.167	0	71.1	52.1	109	08/17/2011	
Benzo(a)anthracene	0.003		0.116	0.167	0	69.7	52.8	112	08/17/2011	
Benzo(a)pyrene	0.003		0.128	0.167	0	76.8	40.8	127	08/17/2011	
Benzo(b)fluoranthene	0.003		0.135	0.167	0	81.0	50.1	150	08/17/2011	
Benzo(g,h,i)perylene	0.003		0.132	0.167	0	78.8	52.8	145	08/17/2011	
Benzo(k)fluoranthene	0.003		0.135	0.167	0	81.0	52	153	08/17/2011	
Bis(2-ethylhexyl)phthalate	0.067		0.164	0.167	0	98.0	50	150	08/17/2011	
Chrysene	0.003		0.128	0.167	0	76.8	60.8	128	08/17/2011	
Dibenzo(a,h)anthracene	0.003		0.137	0.167	0	82.2	54.9	150	08/17/2011	
Fluoranthene	0.003		0.128	0.167	0	76.6	58.7	125	08/17/2011	
Fluorene	0.003		0.127	0.167	0	76.0	57.8	125	08/17/2011	
Indeno(1,2,3-cd)pyrene	0.003		0.135	0.167	0	80.8	52	147	08/17/2011	
Naphthalene	0.003		0.113	0.167	0	67.5	54.8	113	08/17/2011	
Phenanthrene	0.003		0.124	0.167	0	74.1	60.4	121	08/17/2011	
Pyrene	0.003		0.129	0.167	0	77.4	57.9	129	08/17/2011	
Surr: 2-Fluorobiphenyl			0.104	0.167		62.3	45.7	89.2	08/17/2011	
Surr: Nitrobenzene-d5			0.107	0.167		64.3	31.4	100	08/17/2011	
Surr: p-Terphenyl-d14			0.151	0.167		90.6	53.3	124	08/17/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080614

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 19-Aug-11

**SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS**

**Batch 70399**      **SampType: MBLK**      **Units mg/Kg**

SampID: MB-70399

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
1,2,4-Trichlorobenzene	0.500		ND						08/16/2011
1,2-Dichlorobenzene	0.500		ND						08/16/2011
1,3-Dichlorobenzene	0.500		ND						08/16/2011
1,4-Dichlorobenzene	0.500		ND						08/16/2011
2,4,5-Trichlorophenol	0.350		ND						08/16/2011
2,4,6-Trichlorophenol	0.350		ND						08/16/2011
2,4-Dichlorophenol	0.500		ND						08/16/2011
2,4-Dimethylphenol	0.500		ND						08/16/2011
2,4-Dinitrophenol	1.00		ND						08/16/2011
2,4-Dinitrotoluene	0.350		ND						08/16/2011
2,6-Dinitrotoluene	0.350		ND						08/16/2011
2-Chloronaphthalene	0.350		ND						08/16/2011
2-Chlorophenol	0.500		ND						08/16/2011
2-Methoxy-4-methylphenol	0.650		ND						08/16/2011
2-Methylnaphthalene	0.350		ND						08/16/2011
2-Nitroaniline	1.00		ND						08/16/2011
2-Nitrophenol	0.350		ND						08/16/2011
3,3'-Dichlorobenzidine	0.350		ND						08/16/2011
3-Nitroaniline	1.00		ND						08/16/2011
4,6-Dinitro-2-methylphenol	1.00		ND						08/16/2011
4-Bromophenyl phenyl ether	0.350		ND						08/16/2011
4-Chloro-3-methylphenol	0.500		ND						08/16/2011
4-Chloroaniline	0.500		ND						08/16/2011
4-Chlorophenyl phenyl ether	0.350		ND						08/16/2011
4-Nitroaniline	0.500		ND						08/16/2011
4-Nitrophenol	0.350		ND						08/16/2011
Aniline	0.500		ND						08/16/2011
Azobenzene	0.350		ND						08/16/2011
Benzidine	1.06		ND						08/16/2011
Benzoic acid	1.50		ND						08/16/2011
Benzyl alcohol	0.500		ND						08/16/2011
Bis(2-chloroethoxy)methane	0.350		ND						08/16/2011
Bis(2-chloroethyl)ether	0.500		ND						08/16/2011
Bis(2-chloroisopropyl)ether	0.350		ND						08/16/2011
Butyl benzyl phthalate	0.350		ND						08/16/2011
Carbazole	0.500		ND						08/16/2011
Dibenzofuran	0.350		ND						08/16/2011
Diethyl phthalate	0.500		ND						08/16/2011
Dimethyl phthalate	0.350		ND						08/16/2011
Di-n-butyl phthalate	0.350		ND						08/16/2011
Di-n-octyl phthalate	0.350		ND						08/16/2011
Hexachlorobenzene	0.350		ND						08/16/2011
Hexachlorobutadiene	0.500		ND						08/16/2011
Hexachlorocyclopentadiene	0.350		ND						08/16/2011
Hexachloroethane	0.500		ND						08/16/2011
Isophorone	0.350		ND						08/16/2011
m,p-Cresol	0.500		ND						08/16/2011



## Quality Control Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080614

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 19-Aug-11

### SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS

**Batch** 70399

**SampType:** MBLK

**Units** mg/Kg

SampID: MB-70399

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrobenzene	0.500		ND						08/16/2011
N-Nitrosodimethylamine	0.500		ND						08/16/2011
N-Nitroso-di-n-propylamine	0.500		ND						08/16/2011
N-Nitrosodiphenylamine	0.500		ND						08/16/2011
o-Cresol	0.500		ND						08/16/2011
Pentachlorophenol	2.00		ND						08/16/2011
Phenol	0.350		ND						08/16/2011
Pyridine	0.500		ND						08/16/2011
1,2-Diphenylhydrazine	0.840		ND						08/16/2011
Surr: 2,4,6-Tribromophenol			1.31	1.67		78.3	52.1	113	08/16/2011
Surr: 2-Fluorobiphenyl			0.670	0.835		80.2	46.3	106	08/16/2011
Surr: 2-Fluorobiphenyl			0.735	0.835		88.1	46.3	106	08/16/2011
Surr: 2-Fluorophenol			1.26	1.67		75.3	50.6	89	08/16/2011
Surr: Nitrobenzene-d5			0.649	0.835		77.7	42.4	99.2	08/16/2011
Surr: Nitrobenzene-d5			0.574	0.835		68.7	42.4	99.2	08/16/2011
Surr: Phenol-d5			1.26	1.67		75.4	55.9	98.5	08/16/2011
Surr: p-Terphenyl-d14			0.751	0.835		89.9	45.5	115	08/16/2011

Client: PSC Industrial Outsourcing, LP

Work Order: 11080614

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 19-Aug-11

## SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 70399		SampType: LCS		Units mg/Kg						
SampID: LCS-70399										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,2,4-Trichlorobenzene	0.500		1.14	1.67	0	68.5	43.9	92.2	08/16/2011	
1,4-Dichlorobenzene	0.500		1.11	1.67	0	66.6	43.8	84.1	08/16/2011	
2,4,5-Trichlorophenol	0.350		3.02	3.33	0	90.5	38.6	123	08/16/2011	
2,4,6-Trichlorophenol	0.350		3.41	3.33	0	102.5	35.9	123	08/16/2011	
2,4-Dimethylphenol	0.500		2.77	3.33	0	83.1	38.3	88	08/16/2011	
2,4-Dinitrophenol	1.00		2.35	3.33	0	70.5	1.88	162	08/16/2011	
2,4-Dinitrotoluene	0.350		1.30	1.67	0	77.9	48.6	102	08/16/2011	
2-Chlorophenol	0.500		2.47	3.33	0	74.1	46.6	84	08/16/2011	
4-Chloro-3-methylphenol	0.500		3.01	3.33	0	90.3	51.5	94.9	08/16/2011	
4-Nitrophenol	0.350		3.19	3.33	0	95.9	53.2	104	08/16/2011	
Diethyl phthalate	0.500		3.25	3.33	0	97.6	51.7	106	08/16/2011	
Dimethyl phthalate	0.350		2.93	3.33	0	88.0	58.8	104	08/16/2011	
Di-n-butyl phthalate	0.350		1.40	1.67	0	84.1	54.3	105	08/16/2011	
Hexachlorobenzene	0.350		2.52	3.33	0	75.8	55.9	106	08/16/2011	
Hexachlorobutadiene	0.500		2.88	3.33	0	86.5	35.7	100	08/16/2011	
Hexachloroethane	0.500		2.43	3.33	0	72.8	38.9	89.9	08/16/2011	
m,p-Cresol	0.500		1.19	1.67	0	71.5	37.6	93.7	08/16/2011	
Nitrobenzene	0.500		2.33	3.33	0	69.9	51.8	104	08/16/2011	
N-Nitroso-di-n-propylamine	0.500		1.12	1.67	0	67.0	49.1	94.5	08/16/2011	
o-Cresol	0.500		1.14	1.67	0	68.0	43	101	08/16/2011	
Pentachlorophenol	2.00		2.73	3.33	0	82.0	42.2	102	08/16/2011	
Phenol	0.350		2.31	3.33	0	69.4	41.6	81.3	08/16/2011	
Pyridine	0.500		1.41	3.33	0	42.4	3.61	74.3	08/16/2011	
Surr: 2,4,6-Tribromophenol			1.16	1.67		69.5	52.1	113	08/16/2011	
Surr: 2-Fluorobiphenyl			0.528	0.835		63.3	46.3	106	08/16/2011	
Surr: 2-Fluorobiphenyl			0.613	0.835		73.4	46.3	106	08/16/2011	
Surr: 2-Fluorophenol			1.04	1.67		62.0	50.6	89	08/16/2011	
Surr: Nitrobenzene-d5			0.454	0.835		54.4	42.4	99.2	08/16/2011	
Surr: Nitrobenzene-d5			0.499	0.835		59.7	42.4	99.2	08/16/2011	
Surr: Phenol-d5			1.10	1.67		65.6	55.9	98.5	08/16/2011	
Surr: p-Terphenyl-d14			0.688	0.835		82.3	45.5	115	08/16/2011	

Batch 70399		SampType: LCS		Units %REC						
SampID: LCS-DRO-70399										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: 2-Fluorobiphenyl			0.513	0.835		61.5	46.3	106	08/16/2011	
Surr: Nitrobenzene-d5			0.381	0.835		45.7	42.4	99.2	08/16/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11080614

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 19-Aug-11

## SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 70399		SampType: MS		Units mg/Kg-dry						
SampID: 11080614-001AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,2,4-Trichlorobenzene	0.579		<b>1.23</b>	1.93	0	63.6	35.9	102	08/16/2011	
1,4-Dichlorobenzene	0.579		<b>1.19</b>	1.93	0	61.5	29.8	95.5	08/16/2011	
2,4,5-Trichlorophenol	0.405		<b>2.96</b>	3.86	0	76.7	38.6	123	08/16/2011	
2,4,6-Trichlorophenol	0.405		<b>3.40</b>	3.86	0	88.3	35.9	123	08/16/2011	
2,4-Dimethylphenol	0.579		<b>2.90</b>	3.86	0	75.3	38.3	88	08/16/2011	
2,4-Dinitrophenol	1.16		<b>2.45</b>	3.86	0	63.5	1.88	162	08/16/2011	
2,4-Dinitrotoluene	0.405		<b>1.43</b>	1.93	0	74.1	37.5	107	08/16/2011	
2-Chlorophenol	0.579		<b>2.56</b>	3.86	0	66.4	22.6	108	08/16/2011	
4-Chloro-3-methylphenol	0.579		<b>3.04</b>	3.86	0	78.8	19.3	131	08/16/2011	
4-Nitrophenol	0.405		<b>3.58</b>	3.86	0	92.8	27.6	123	08/16/2011	
Diethyl phthalate	0.579		<b>3.42</b>	3.86	0	88.7	51.7	106	08/16/2011	
Dimethyl phthalate	0.405		<b>3.13</b>	3.86	0	81.3	58.8	104	08/16/2011	
Di-n-butyl phthalate	0.405		<b>1.46</b>	1.93	0	75.4	54.3	105	08/16/2011	
Hexachlorobenzene	0.405		<b>2.69</b>	3.86	0	69.9	55.9	106	08/16/2011	
Hexachlorobutadiene	0.579		<b>3.03</b>	3.86	0	78.6	35.7	100	08/16/2011	
Hexachloroethane	0.579		<b>2.58</b>	3.86	0	67.0	38.9	89.9	08/16/2011	
m,p-Cresol	0.579		<b>1.30</b>	1.93	0	67.0	37.6	93.7	08/16/2011	
Nitrobenzene	0.579		<b>2.55</b>	3.86	0	66.1	51.8	104	08/16/2011	
N-Nitroso-di-n-propylamine	0.579		<b>1.19</b>	1.93	0	61.7	45.5	99.1	08/16/2011	
o-Cresol	0.579		<b>1.21</b>	1.93	0	62.8	43	101	08/16/2011	
Pentachlorophenol	2.32		<b>2.93</b>	3.86	0	76.1	18.5	113	08/16/2011	
Phenol	0.405		<b>2.55</b>	3.86	0	66.2	20.8	110	08/16/2011	
Pyridine	0.579		<b>1.75</b>	3.86	0	45.3	3.61	74.3	08/16/2011	
Surr: 2,4,6-Tribromophenol			<b>1.24</b>	1.93		64.1	32.7	130	08/16/2011	
Surr: 2-Fluorobiphenyl			<b>0.564</b>	0.967		58.4	34.1	116	08/16/2011	
Surr: 2-Fluorophenol			<b>1.14</b>	1.93		58.8	30.5	99	08/16/2011	
Surr: Nitrobenzene-d5			<b>0.576</b>	0.967		59.6	34.1	101	08/16/2011	
Surr: Phenol-d5			<b>1.22</b>	1.93		63.1	34.9	110	08/16/2011	
Surr: p-Terphenyl-d14			<b>0.709</b>	0.967		73.4	41.7	124	08/16/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11080614

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 19-Aug-11

## SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 70399	SampType: MSD	Units mg/Kg-dry						RPD Limit 40		Date Analyzed
SampID: 11080614-001AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
1,2,4-Trichlorobenzene	0.579		1.31	1.93	0	67.7	1.229	6.36	08/16/2011	
1,4-Dichlorobenzene	0.579		1.22	1.93	0	63.1	1.189	2.58	08/16/2011	
2,4,5-Trichlorophenol	0.405		3.34	3.86	0	86.7	2.958	12.22	08/16/2011	
2,4,6-Trichlorophenol	0.405		3.83	3.86	0	99.3	3.403	11.80	08/16/2011	
2,4-Dimethylphenol	0.579		3.21	3.86	0	83.3	2.904	10.13	08/16/2011	
2,4-Dinitrophenol	1.16		2.68	3.86	0	69.6	2.449	9.16	08/16/2011	
2,4-Dinitrotoluene	0.405		1.56	1.93	0	80.4	1.433	8.22	08/16/2011	
2-Chlorophenol	0.579		2.86	3.86	0	74.1	2.558	11.01	08/16/2011	
4-Chloro-3-methylphenol	0.579		3.30	3.86	0	85.7	3.036	8.47	08/16/2011	
4-Nitrophenol	0.405		3.90	3.86	0	101.2	3.575	8.72	08/16/2011	
Diethyl phthalate	0.579		3.67	3.86	0	95.0	3.421	6.89	08/16/2011	
Dimethyl phthalate	0.405		3.35	3.86	0	86.8	3.134	6.63	08/16/2011	
Di-n-butyl phthalate	0.405		1.57	1.93	0	81.1	1.457	7.35	08/16/2011	
Hexachlorobenzene	0.405		2.90	3.86	0	75.2	2.693	7.44	08/16/2011	
Hexachlorobutadiene	0.579		3.25	3.86	0	84.3	3.029	7.03	08/16/2011	
Hexachloroethane	0.579		2.73	3.86	0	70.8	2.582	5.55	08/16/2011	
m,p-Cresol	0.579		1.42	1.93	0	73.4	1.295	9.15	08/16/2011	
Nitrobenzene	0.579		2.68	3.86	0	69.5	2.549	4.97	08/16/2011	
N-Nitroso-di-n-propylamine	0.579		1.27	1.93	0	65.8	1.192	6.48	08/16/2011	
o-Cresol	0.579		1.32	1.93	0	68.1	1.214	8.14	08/16/2011	
Pentachlorophenol	2.32		3.26	3.86	0	84.6	2.932	10.65	08/16/2011	
Phenol	0.405		2.80	3.86	0	72.5	2.552	9.08	08/16/2011	
Pyridine	0.579		1.96	3.86	0	50.9	1.748	11.57	08/16/2011	
Surr: 2,4,6-Tribromophenol			1.17	1.93		60.5			08/16/2011	
Surr: 2-Fluorobiphenyl			0.548	0.967		56.7			08/16/2011	
Surr: 2-Fluorophenol			1.17	1.93		60.4			08/16/2011	
Surr: Nitrobenzene-d5			0.551	0.967		57.0			08/16/2011	
Surr: Phenol-d5			1.22	1.93		63.0			08/16/2011	
Surr: p-Terphenyl-d14			0.701	0.967		72.5			08/16/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11080614

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 19-Aug-11

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

Batch 70430		SampType: MBLK		Units µg/Kg						Date Analyzed
SampID: MBLK-A110815-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
1,1,1,2-Tetrachloroethane	5.00		ND						08/15/2011	
1,1,1-Trichloroethane	5.00		ND						08/15/2011	
1,1,2,2-Tetrachloroethane	5.00		ND						08/15/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.00		ND						08/15/2011	
1,1,2-Trichloroethane	5.00		ND						08/15/2011	
1,1-Dichloro-2-propanone	50.0		ND						08/15/2011	
1,1-Dichloroethane	5.00		ND						08/15/2011	
1,1-Dichloroethene	5.00		ND						08/15/2011	
1,1-Dichloropropene	5.00		ND						08/15/2011	
1,2,3-Trichlorobenzene	5.00		ND						08/15/2011	
1,2,3-Trichloropropane	10.0		ND						08/15/2011	
1,2,3-Trimethylbenzene	5.00		ND						08/15/2011	
1,2,4-Trichlorobenzene	5.00		ND						08/15/2011	
1,2,4-Trimethylbenzene	5.00		ND						08/15/2011	
1,2-Dibromo-3-chloropropane	5.00		ND						08/15/2011	
1,2-Dibromoethane	5.00		ND						08/15/2011	
1,2-Dichlorobenzene	5.00		ND						08/15/2011	
1,2-Dichloroethane	5.00		ND						08/15/2011	
1,2-Dichloropropane	5.00		ND						08/15/2011	
1,3,5-Trimethylbenzene	5.00		ND						08/15/2011	
1,3-Dichlorobenzene	5.00		ND						08/15/2011	
1,3-Dichloropropane	5.00		ND						08/15/2011	
1,4-Dichlorobenzene	5.00		ND						08/15/2011	
1-Chlorobutane	5.00		ND						08/15/2011	
2,2-Dichloropropane	5.00		ND						08/15/2011	
2-Butanone	50.0		ND						08/15/2011	
2-Chlorotoluene	5.00		ND						08/15/2011	
2-Hexanone	50.0		ND						08/15/2011	
2-Nitropropane	50.0		ND						08/15/2011	
4-Chlorotoluene	5.00		ND						08/15/2011	
4-Methyl-2-pentanone	50.0		ND						08/15/2011	
Acetone	50.0		ND						08/15/2011	
Acrolein	100		ND						08/15/2011	
Acrylonitrile	10.0		ND						08/15/2011	
Allyl chloride	5.00		ND						08/15/2011	
Benzene	1.00		ND						08/15/2011	
Bromobenzene	5.00		ND						08/15/2011	
Bromochloromethane	5.00		ND						08/15/2011	
Bromodichloromethane	5.00		ND						08/15/2011	
Bromoform	5.00		ND						08/15/2011	
Bromomethane	10.0		ND						08/15/2011	
Carbon disulfide	5.00		ND						08/15/2011	
Carbon tetrachloride	5.00		ND						08/15/2011	
Chlorobenzene	5.00		ND						08/15/2011	
Chloroethane	10.0		ND						08/15/2011	
Chloroform	5.00		ND						08/15/2011	
Chloromethane	10.0		ND						08/15/2011	



Client: PSC Industrial Outsourcing, LP

Work Order: 11080614

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 19-Aug-11

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

Batch 70430	SampType: MBLK	Units µg/Kg											
SampID: MBLK-A110815-1				Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
				cis-1,2-Dichloroethene	5.00		ND						08/15/2011
				cis-1,3-Dichloropropene	4.00		ND						08/15/2011
				Cyclohexanone	100		ND						08/15/2011
				Dibromochloromethane	5.00		ND						08/15/2011
				Dibromomethane	5.00		ND						08/15/2011
				Dichlorodifluoromethane	10.0		ND						08/15/2011
				Ethyl acetate	50.0		ND						08/15/2011
				Ethyl ether	5.00		ND						08/15/2011
				Ethyl methacrylate	5.00		ND						08/15/2011
				Ethylbenzene	5.00		ND						08/15/2011
				Heptane	20.0		ND						08/15/2011
				Hexachlorobutadiene	5.00		ND						08/15/2011
				Hexachloroethane	5.00		ND						08/15/2011
				Iodomethane	10.0		ND						08/15/2011
				Isopropylbenzene	5.00		ND						08/15/2011
				m,p-Xylenes	5.00		ND						08/15/2011
				Methacrylonitrile	50.0		ND						08/15/2011
				Methyl Methacrylate	5.00		ND						08/15/2011
				Methyl tert-butyl ether	2.00		ND						08/15/2011
				Methylacrylate	10.0		ND						08/15/2011
				Methylene chloride	5.00	J	1.7						08/15/2011
				Naphthalene	10.0		ND						08/15/2011
				n-Butylbenzene	5.00		ND						08/15/2011
				n-Hexane	20.0		ND						08/15/2011
				Nitrobenzene	100		ND						08/15/2011
				n-Propylbenzene	5.00		ND						08/15/2011
				o-Xylene	5.00		ND						08/15/2011
				Pentachloroethane	5.00		ND						08/15/2011
				p-Isopropyltoluene	5.00		ND						08/15/2011
				Propionitrile	50.0		ND						08/15/2011
				sec-Butylbenzene	5.00		ND						08/15/2011
				Styrene	5.00		ND						08/15/2011
				tert-Butylbenzene	5.00		ND						08/15/2011
				Tetrachloroethene	5.00		ND						08/15/2011
				Tetrahydrofuran	50.0		ND						08/15/2011
				Toluene	5.00		ND						08/15/2011
				trans-1,2-Dichloroethene	5.00		ND						08/15/2011
				trans-1,3-Dichloropropene	4.00		ND						08/15/2011
				Trichloroethene	5.00		ND						08/15/2011
				Trichlorofluoromethane	5.00		ND						08/15/2011
				Vinyl acetate	50.0		ND						08/15/2011
				Vinyl chloride	2.00		ND						08/15/2011
				Surr: 1,2-Dichloroethane-d4			49.9	50.0		99.9	72.2	131	08/15/2011
				Surr: 4-Bromofluorobenzene		S	47.5	50.0		95.1	82.1	116	08/15/2011
				Surr: Dibromofluoromethane			50.2	50.0		100.5	77.7	120	08/15/2011
				Surr: Toluene-d8			49.8	50.0		99.5	86	116	08/15/2011

Client: PSC Industrial Outsourcing, LP

Work Order: 11080614

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 19-Aug-11

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

Batch 70430	SampType: LCS	Units µg/Kg									
SampID: LCS-A110815-1											Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
1,1,1,2-Tetrachloroethane	5.00		47.1	50.0	0	94.2	0	200			08/15/2011
1,1,1-Trichloroethane	5.00		50.5	50.0	0	101.0	85.6	124			08/15/2011
1,1,2,2-Tetrachloroethane	5.00		49.7	50.0	0	99.4	0	200			08/15/2011
1,1,2-Trichloro-1,2,2-trifluoroethane	5.00		53.8	50.0	0	107.6	0	200			08/15/2011
1,1,2-Trichloroethane	5.00		48.9	50.0	0	97.9	0	200			08/15/2011
1,1-Dichloro-2-propanone	50.0		120	125	0	96.3	0	200			08/15/2011
1,1-Dichloroethane	5.00		52.3	50.0	0	104.6	0	200			08/15/2011
1,1-Dichloroethene	5.00		53.4	50.0	0	106.7	60.1	131			08/15/2011
1,1-Dichloropropene	5.00		52.4	50.0	0	104.8	0	200			08/15/2011
1,2,3-Trichlorobenzene	5.00		49.8	50.0	0	99.5	0	200			08/15/2011
1,2,3-Trichloropropane	10.0		48.0	50.0	0	96.0	0	200			08/15/2011
1,2,3-Trimethylbenzene	5.00		50.4	50.0	0	100.8	0	200			08/15/2011
1,2,4-Trichlorobenzene	5.00		52.7	50.0	0	105.3	0	200			08/15/2011
1,2,4-Trimethylbenzene	5.00		53.0	50.0	0	106.0	0	200			08/15/2011
1,2-Dibromo-3-chloropropane	5.00		46.5	50.0	0	93.0	0	200			08/15/2011
1,2-Dibromoethane	5.00		48.5	50.0	0	97.1	86.9	119			08/15/2011
1,2-Dichlorobenzene	5.00		50.3	50.0	0	100.6	88	119			08/15/2011
1,2-Dichloroethane	5.00		48.7	50.0	0	97.3	73	117			08/15/2011
1,2-Dichloropropane	5.00		50.4	50.0	0	100.8	0	200			08/15/2011
1,3,5-Trimethylbenzene	5.00		53.5	50.0	0	107.0	0	200			08/15/2011
1,3-Dichlorobenzene	5.00		52.2	50.0	0	104.4	85.8	125			08/15/2011
1,3-Dichloropropane	5.00		49.3	50.0	0	98.7	0	200			08/15/2011
1,4-Dichlorobenzene	5.00		51.8	50.0	0	103.7	84.5	124			08/15/2011
1-Chlorobutane	5.00		50.5	50.0	0	100.9	0	200			08/15/2011
2,2-Dichloropropane	5.00		52.4	50.0	0	104.8	0	200			08/15/2011
2-Butanone	50.0		146	125	0	117.2	45.3	136			08/15/2011
2-Chlorotoluene	5.00		52.4	50.0	0	104.7	0	200			08/15/2011
2-Hexanone	50.0		137	125	0	110.0	0	200			08/15/2011
2-Nitropropane	50.0		496	500	0	99.3	0	200			08/15/2011
4-Chlorotoluene	5.00		52.3	50.0	0	104.7	0	200			08/15/2011
4-Methyl-2-pentanone	50.0		124	125	0	99.4	0	200			08/15/2011
Acetone	50.0		142	125	0	113.3	0	200			08/15/2011
Acrylonitrile	10.0		45.6	50.0	0	91.1	0	200			08/15/2011
Allyl chloride	5.00		50.9	50.0	0	101.8	0	200			08/15/2011
Benzene	1.00		51.9	50.0	0	103.8	73.9	109			08/15/2011
Bromobenzene	5.00		51.5	50.0	0	103.0	0	200			08/15/2011
Bromochloromethane	5.00		50.7	50.0	0	101.5	0	200			08/15/2011
Bromodichloromethane	5.00		50.4	50.0	0	100.8	91.3	126			08/15/2011
Bromoform	5.00		51.0	50.0	0	101.9	0	200			08/15/2011
Bromomethane	10.0		48.4	50.0	0	96.8	0	200			08/15/2011
Carbon disulfide	5.00		52.6	50.0	0	105.2	0	200			08/15/2011
Carbon tetrachloride	5.00		51.6	50.0	0	103.2	83.3	127			08/15/2011
Chlorobenzene	5.00		50.0	50.0	0	99.9	85.8	116			08/15/2011
Chloroethane	10.0		57.5	50.0	0	115.0	0	200			08/15/2011
Chloroform	5.00		50.0	50.0	0	99.9	80	113			08/15/2011
Chloromethane	10.0		59.2	50.0	0	118.4	0	200			08/15/2011
cis-1,2-Dichloroethene	5.00		52.2	50.0	0	104.3	0	200			08/15/2011

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080614

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 19-Aug-11

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

Batch 70430		SampType: LCS		Units µg/Kg						
SampID: LCS-A110815-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
cis-1,3-Dichloropropene	4.00		53.7	50.0	0	107.4	0	200	08/15/2011	
Cyclohexanone	100		237	250	0	94.6	0	200	08/15/2011	
Dibromochloromethane	5.00		50.8	50.0	0	101.5	89.1	119	08/15/2011	
Dibromomethane	5.00		48.0	50.0	0	96.1	0	200	08/15/2011	
Dichlorodifluoromethane	10.0		50.2	50.0	0	100.4	0	200	08/15/2011	
Ethyl acetate	50.0	J	47	50.0	0	93.4	0	200	08/15/2011	
Ethyl ether	5.00		51.3	50.0	0	102.5	0	200	08/15/2011	
Ethyl methacrylate	5.00		50.4	50.0	0	100.8	0	200	08/15/2011	
Ethylbenzene	5.00		51.1	50.0	0	102.3	84.1	115	08/15/2011	
Heptane	20.0		56.8	50.0	0	113.6	0	200	08/15/2011	
Hexachlorobutadiene	5.00		48.9	50.0	0	97.7	0	200	08/15/2011	
Hexachloroethane	5.00		51.3	50.0	0	102.5	0	200	08/15/2011	
Iodomethane	10.0		60.8	50.0	0	121.6	0	200	08/15/2011	
Isopropylbenzene	5.00		51.6	50.0	0	103.3	0	200	08/15/2011	
m,p-Xylenes	5.00		104	100	0	104.2	79.1	111	08/15/2011	
Methacrylonitrile	50.0	J	49	50.0	0	98.8	0	200	08/15/2011	
Methyl Methacrylate	5.00		49.1	50.0	0	98.2	0	200	08/15/2011	
Methyl tert-butyl ether	2.00		52.6	50.0	0	105.2	80	128	08/15/2011	
Methylacrylate	10.0		48.7	50.0	0	97.4	0	200	08/15/2011	
Methylene chloride	5.00		52.5	50.0	0	105.1	73.9	116	08/15/2011	
Naphthalene	10.0		47.7	50.0	0	95.5	73.1	135	08/15/2011	
n-Butylbenzene	5.00		54.0	50.0	0	108.1	0	200	08/15/2011	
n-Hexane	20.0		56.9	50.0	0	113.8	0	200	08/15/2011	
Nitrobenzene	100		473	500	0	94.7	0	200	08/15/2011	
n-Propylbenzene	5.00		53.8	50.0	0	107.7	0	200	08/15/2011	
o-Xylene	5.00		50.8	50.0	0	101.6	82	117	08/15/2011	
Pentachloroethane	5.00		57.5	50.0	0	115.0	0	200	08/15/2011	
p-Isopropyltoluene	5.00		53.2	50.0	0	106.4	0	200	08/15/2011	
Propionitrile	50.0		478	500	0	95.5	0	200	08/15/2011	
sec-Butylbenzene	5.00		52.4	50.0	0	104.7	0	200	08/15/2011	
Styrene	5.00		52.9	50.0	0	105.8	0	200	08/15/2011	
tert-Butylbenzene	5.00		50.4	50.0	0	100.9	0	200	08/15/2011	
Tetrachloroethene	5.00		49.1	50.0	0	98.2	74.6	115	08/15/2011	
Tetrahydrofuran	50.0	J	50	50.0	0	99.8	0	200	08/15/2011	
Toluene	5.00		50.4	50.0	0	100.8	79.1	112	08/15/2011	
trans-1,2-Dichloroethene	5.00		53.1	50.0	0	106.2	0	200	08/15/2011	
trans-1,3-Dichloropropene	4.00		52.0	50.0	0	103.9	0	200	08/15/2011	
Trichloroethene	5.00		51.9	50.0	0	103.8	81	111	08/15/2011	
Trichlorofluoromethane	5.00		57.4	50.0	0	114.8	0	200	08/15/2011	
Vinyl acetate	50.0		51.5	50.0	0	102.9	0	200	08/15/2011	
Vinyl chloride	2.00		59.4	50.0	0	118.9	0	200	08/15/2011	
Surr: 1,2-Dichloroethane-d4			49.1	50.0		98.1	72.2	131	08/15/2011	
Surr: 4-Bromofluorobenzene			49.2	50.0		98.5	82.1	116	08/15/2011	
Surr: Dibromofluoromethane			50.2	50.0		100.3	77.7	120	08/15/2011	
Surr: Toluene-d8			49.8	50.0		99.6	86	116	08/15/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11080614

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 19-Aug-11

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

Batch 70430	SampType: LCSD	Units µg/Kg					RPD Limit 40			
SampID: LCSD-A110815-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
1,1,1,2-Tetrachloroethane	5.00		47.8	50.0	0	95.5	47.09	1.43	08/15/2011	
1,1,1-Trichloroethane	5.00		50.9	50.0	0	101.8	50.49	0.85	08/15/2011	
1,1,2,2-Tetrachloroethane	5.00		47.8	50.0	0	95.6	49.71	3.94	08/15/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.00		52.8	50.0	0	105.6	53.80	1.91	08/15/2011	
1,1,2-Trichloroethane	5.00		47.8	50.0	0	95.6	48.93	2.32	08/15/2011	
1,1-Dichloro-2-propanone	50.0		108	125	0	86.8	120.4	10.41	08/15/2011	
1,1-Dichloroethane	5.00		51.3	50.0	0	102.5	52.32	2.03	08/15/2011	
1,1-Dichloroethene	5.00		52.2	50.0	0	104.4	53.36	2.20	08/15/2011	
1,1-Dichloropropene	5.00		51.8	50.0	0	103.5	52.39	1.21	08/15/2011	
1,2,3-Trichlorobenzene	5.00		48.5	50.0	0	97.1	49.76	2.50	08/15/2011	
1,2,3-Trichloropropane	10.0		45.5	50.0	0	91.1	48.02	5.32	08/15/2011	
1,2,3-Trimethylbenzene	5.00		51.1	50.0	0	102.2	50.41	1.36	08/15/2011	
1,2,4-Trichlorobenzene	5.00		51.5	50.0	0	103.1	52.66	2.15	08/15/2011	
1,2,4-Trimethylbenzene	5.00		53.5	50.0	0	107.1	53.00	1.01	08/15/2011	
1,2-Dibromo-3-chloropropane	5.00		43.6	50.0	0	87.3	46.52	6.39	08/15/2011	
1,2-Dibromoethane	5.00		47.3	50.0	0	94.6	48.54	2.59	08/15/2011	
1,2-Dichlorobenzene	5.00		50.3	50.0	0	100.6	50.30	0.04	08/15/2011	
1,2-Dichloroethane	5.00		47.8	50.0	0	95.5	48.66	1.85	08/15/2011	
1,2-Dichloropropane	5.00		50.1	50.0	0	100.2	50.41	0.62	08/15/2011	
1,3,5-Trimethylbenzene	5.00		54.4	50.0	0	108.8	53.48	1.69	08/15/2011	
1,3-Dichlorobenzene	5.00		52.3	50.0	0	104.7	52.19	0.29	08/15/2011	
1,3-Dichloropropane	5.00		48.1	50.0	0	96.2	49.33	2.52	08/15/2011	
1,4-Dichlorobenzene	5.00		52.1	50.0	0	104.1	51.83	0.46	08/15/2011	
1-Chlorobutane	5.00		49.9	50.0	0	99.9	50.47	1.06	08/15/2011	
2,2-Dichloropropane	5.00		52.3	50.0	0	104.6	52.40	0.21	08/15/2011	
2-Butanone	50.0		133	125	0	106.8	146.5	9.31	08/15/2011	
2-Chlorotoluene	5.00		53.3	50.0	0	106.6	52.37	1.78	08/15/2011	
2-Hexanone	50.0		126	125	0	100.4	137.5	9.06	08/15/2011	
2-Nitropropane	50.0		463	500	0	92.7	496.5	6.88	08/15/2011	
4-Chlorotoluene	5.00		52.4	50.0	0	104.8	52.34	0.15	08/15/2011	
4-Methyl-2-pentanone	50.0		114	125	0	91.6	124.2	8.15	08/15/2011	
Acetone	50.0		129	125	0	103.2	141.6	9.31	08/15/2011	
Acrylonitrile	10.0		42.8	50.0	0	85.6	45.57	6.27	08/15/2011	
Allyl chloride	5.00		50.3	50.0	0	100.6	50.90	1.17	08/15/2011	
Benzene	1.00		52.0	50.0	0	104.0	51.91	0.19	08/15/2011	
Bromobenzene	5.00		52.0	50.0	0	104.0	51.51	0.99	08/15/2011	
Bromochloromethane	5.00		50.0	50.0	0	100.0	50.73	1.45	08/15/2011	
Bromodichloromethane	5.00		50.5	50.0	0	101.1	50.40	0.28	08/15/2011	
Bromoform	5.00		49.5	50.0	0	99.0	50.95	2.85	08/15/2011	
Bromomethane	10.0		55.5	50.0	0	110.9	48.41	13.59	08/15/2011	
Carbon disulfide	5.00		51.5	50.0	0	103.1	52.59	2.02	08/15/2011	
Carbon tetrachloride	5.00		52.3	50.0	0	104.5	51.60	1.29	08/15/2011	
Chlorobenzene	5.00		50.7	50.0	0	101.4	49.96	1.47	08/15/2011	
Chloroethane	10.0		59.0	50.0	0	118.0	57.52	2.51	08/15/2011	
Chloroform	5.00		49.6	50.0	0	99.2	49.97	0.74	08/15/2011	
Chloromethane	10.0		59.3	50.0	0	118.5	59.20	0.10	08/15/2011	
cis-1,2-Dichloroethene	5.00		51.8	50.0	0	103.5	52.15	0.75	08/15/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11080614

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 19-Aug-11

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

Batch 70430	SampType: LCSD	Units µg/Kg						RPD Limit 40		Date Analyzed
SampID: LCSD-A110815-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
cis-1,3-Dichloropropene	4.00		53.6	50.0	0	107.1	53.69	0.26	08/15/2011	
Cyclohexanone	100		222	250	0	88.9	236.5	6.18	08/15/2011	
Dibromochloromethane	5.00		50.4	50.0	0	100.8	50.76	0.67	08/15/2011	
Dibromomethane	5.00		47.2	50.0	0	94.4	48.03	1.72	08/15/2011	
Dichlorodifluoromethane	10.0		49.0	50.0	0	98.0	50.19	2.40	08/15/2011	
Ethyl acetate	50.0	J	43	50.0	0	86.5	46.71	0.00	08/15/2011	
Ethyl ether	5.00		49.4	50.0	0	98.9	51.26	3.59	08/15/2011	
Ethyl methacrylate	5.00		48.2	50.0	0	96.4	50.41	4.52	08/15/2011	
Ethylbenzene	5.00		51.8	50.0	0	103.6	51.14	1.30	08/15/2011	
Heptane	20.0		56.1	50.0	0	112.1	56.81	1.33	08/15/2011	
Hexachlorobutadiene	5.00		50.1	50.0	0	100.2	48.87	2.51	08/15/2011	
Hexachloroethane	5.00		52.6	50.0	0	105.2	51.27	2.52	08/15/2011	
Iodomethane	10.0		63.7	50.0	0	127.4	60.79	4.68	08/15/2011	
Isopropylbenzene	5.00		52.6	50.0	0	105.1	51.64	1.75	08/15/2011	
m,p-Xylenes	5.00		105	100	0	104.6	104.2	0.44	08/15/2011	
Methacrylonitrile	50.0	J	46	50.0	0	92.3	49.42	0.00	08/15/2011	
Methyl Methacrylate	5.00		46.3	50.0	0	92.6	49.08	5.81	08/15/2011	
Methyl tert-butyl ether	2.00		50.5	50.0	0	100.9	52.58	4.10	08/15/2011	
Methylacrylate	10.0		45.3	50.0	0	90.5	48.69	7.28	08/15/2011	
Methylene chloride	5.00		52.0	50.0	0	104.0	52.53	0.98	08/15/2011	
Naphthalene	10.0		45.4	50.0	0	90.8	47.74	5.05	08/15/2011	
n-Butylbenzene	5.00		53.6	50.0	0	107.2	54.04	0.84	08/15/2011	
n-Hexane	20.0		55.0	50.0	0	109.9	56.90	3.47	08/15/2011	
Nitrobenzene	100		416	500	0	83.3	473.5	12.84	08/15/2011	
n-Propylbenzene	5.00		54.0	50.0	0	108.0	53.83	0.28	08/15/2011	
o-Xylene	5.00		51.5	50.0	0	103.0	50.81	1.37	08/15/2011	
Pentachloroethane	5.00		55.6	50.0	0	111.3	57.50	3.31	08/15/2011	
p-Isopropyltoluene	5.00		53.3	50.0	0	106.7	53.18	0.30	08/15/2011	
Propionitrile	50.0		441	500	0	88.3	477.7	7.89	08/15/2011	
sec-Butylbenzene	5.00		53.3	50.0	0	106.6	52.35	1.84	08/15/2011	
Styrene	5.00		53.4	50.0	0	106.9	52.90	1.03	08/15/2011	
tert-Butylbenzene	5.00		51.6	50.0	0	103.1	50.44	2.18	08/15/2011	
Tetrachloroethene	5.00		51.3	50.0	0	102.6	49.11	4.40	08/15/2011	
Tetrahydrofuran	50.0	J	46	50.0	0	92.3	49.89	0.00	08/15/2011	
Toluene	5.00		51.0	50.0	0	102.0	50.40	1.20	08/15/2011	
trans-1,2-Dichloroethene	5.00		52.4	50.0	0	104.8	53.09	1.35	08/15/2011	
trans-1,3-Dichloropropene	4.00		51.3	50.0	0	102.7	51.96	1.20	08/15/2011	
Trichloroethene	5.00		52.1	50.0	0	104.1	51.91	0.29	08/15/2011	
Trichlorofluoromethane	5.00		56.6	50.0	0	113.3	57.38	1.32	08/15/2011	
Vinyl acetate	50.0		50.0	50.0	0	100.0	51.46	2.86	08/15/2011	
Vinyl chloride	2.00		59.2	50.0	0	118.3	59.45	0.51	08/15/2011	
Surr: 1,2-Dichloroethane-d4			48.2	50.0		96.4			08/15/2011	
Surr: 4-Bromofluorobenzene			49.1	50.0		98.3			08/15/2011	
Surr: Dibromofluoromethane			49.9	50.0		99.8			08/15/2011	
Surr: Toluene-d8			50.0	50.0		99.9			08/15/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080614

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 19-Aug-11

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

**Batch 70441**      **SampType: MBLK**      **Units µg/Kg**

SampID: MBLK-A110816-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
1,1,1,2-Tetrachloroethane	5.00		ND						08/16/2011
1,1,1-Trichloroethane	5.00		ND						08/16/2011
1,1,2,2-Tetrachloroethane	5.00		ND						08/16/2011
1,1,2-Trichloro-1,2,2-trifluoroethane	5.00		ND						08/16/2011
1,1,2-Trichloroethane	5.00		ND						08/16/2011
1,1-Dichloro-2-propanone	50.0		ND						08/16/2011
1,1-Dichloroethane	5.00		ND						08/16/2011
1,1-Dichloroethene	5.00		ND						08/16/2011
1,1-Dichloropropene	5.00		ND						08/16/2011
1,2,3-Trichlorobenzene	5.00		ND						08/16/2011
1,2,3-Trichloropropane	10.0		ND						08/16/2011
1,2,3-Trimethylbenzene	5.00		ND						08/16/2011
1,2,4-Trichlorobenzene	5.00		ND						08/16/2011
1,2,4-Trimethylbenzene	5.00		ND						08/16/2011
1,2-Dibromo-3-chloropropane	5.00		ND						08/16/2011
1,2-Dibromoethane	5.00		ND						08/16/2011
1,2-Dichlorobenzene	5.00		ND						08/16/2011
1,2-Dichloroethane	5.00		ND						08/16/2011
1,2-Dichloropropane	5.00		ND						08/16/2011
1,3,5-Trimethylbenzene	5.00		ND						08/16/2011
1,3-Dichlorobenzene	5.00		ND						08/16/2011
1,3-Dichloropropane	5.00		ND						08/16/2011
1,4-Dichlorobenzene	5.00		ND						08/16/2011
1-Chlorobutane	5.00		ND						08/16/2011
2,2-Dichloropropane	5.00		ND						08/16/2011
2-Butanone	50.0		ND						08/16/2011
2-Chlorotoluene	5.00		ND						08/16/2011
2-Hexanone	50.0		ND						08/16/2011
2-Nitropropane	50.0		ND						08/16/2011
4-Chlorotoluene	5.00		ND						08/16/2011
4-Methyl-2-pentanone	50.0		ND						08/16/2011
Acetone	50.0		ND						08/16/2011
Acrolein	100		ND						08/16/2011
Acrylonitrile	10.0		ND						08/16/2011
Allyl chloride	5.00		ND						08/16/2011
Benzene	1.00		ND						08/16/2011
Bromobenzene	5.00		ND						08/16/2011
Bromochloromethane	5.00		ND						08/16/2011
Bromodichloromethane	5.00		ND						08/16/2011
Bromoform	5.00		ND						08/16/2011
Bromomethane	10.0		ND						08/16/2011
Carbon disulfide	5.00		ND						08/16/2011
Carbon tetrachloride	5.00		ND						08/16/2011
Chlorobenzene	5.00		ND						08/16/2011
Chloroethane	10.0		ND						08/16/2011
Chloroform	5.00		ND						08/16/2011
Chloromethane	10.0		ND						08/16/2011

Client: PSC Industrial Outsourcing, LP

Work Order: 11080614

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 19-Aug-11

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

Batch 70441	SampType: MBLK	Units µg/Kg						Date Analyzed	
SampID: MBLK-A110816-1									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
cis-1,2-Dichloroethene	5.00		ND						08/16/2011
cis-1,3-Dichloropropene	4.00		ND						08/16/2011
Cyclohexanone	100		ND						08/16/2011
Dibromochloromethane	5.00		ND						08/16/2011
Dibromomethane	5.00		ND						08/16/2011
Dichlorodifluoromethane	10.0		ND						08/16/2011
Ethyl acetate	50.0		ND						08/16/2011
Ethyl ether	5.00		ND						08/16/2011
Ethyl methacrylate	5.00		ND						08/16/2011
Ethylbenzene	5.00		ND						08/16/2011
Heptane	20.0		ND						08/16/2011
Hexachlorobutadiene	5.00		ND						08/16/2011
Hexachloroethane	5.00		ND						08/16/2011
Iodomethane	10.0		ND						08/16/2011
Isopropylbenzene	5.00		ND						08/16/2011
m,p-Xylenes	5.00		ND						08/16/2011
Methacrylonitrile	50.0		ND						08/16/2011
Methyl Methacrylate	5.00		ND						08/16/2011
Methyl tert-butyl ether	2.00		ND						08/16/2011
Methylacrylate	10.0		ND						08/16/2011
Methylene chloride	5.00	J	2.5						08/16/2011
Naphthalene	10.0		ND						08/16/2011
n-Butylbenzene	5.00		ND						08/16/2011
n-Hexane	20.0		ND						08/16/2011
Nitrobenzene	100		ND						08/16/2011
n-Propylbenzene	5.00		ND						08/16/2011
o-Xylene	5.00		ND						08/16/2011
Pentachloroethane	5.00		ND						08/16/2011
p-Isopropyltoluene	5.00		ND						08/16/2011
Propionitrile	50.0		ND						08/16/2011
sec-Butylbenzene	5.00		ND						08/16/2011
Styrene	5.00		ND						08/16/2011
tert-Butylbenzene	5.00		ND						08/16/2011
Tetrachloroethene	5.00		ND						08/16/2011
Tetrahydrofuran	50.0		ND						08/16/2011
Toluene	5.00		ND						08/16/2011
trans-1,2-Dichloroethene	5.00		ND						08/16/2011
trans-1,3-Dichloropropene	4.00		ND						08/16/2011
Trichloroethene	5.00		ND						08/16/2011
Trichlorofluoromethane	5.00		ND						08/16/2011
Vinyl acetate	50.0		ND						08/16/2011
Vinyl chloride	2.00		ND						08/16/2011
Surr: 1,2-Dichloroethane-d4			51.7	50.0		103.3	72.2	131	08/16/2011
Surr: 4-Bromofluorobenzene			48.8	50.0		97.5	82.1	116	08/16/2011
Surr: Dibromofluoromethane			50.5	50.0		101.0	77.7	120	08/16/2011
Surr: Toluene-d8			49.6	50.0		99.3	86	116	08/16/2011

Client: PSC Industrial Outsourcing, LP

Work Order: 11080614

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 19-Aug-11

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

Batch 70441	SampType: LCS	Units µg/Kg								Date Analyzed	
SampID: LCS-A110816-1			RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Analyses											
1,1,1,2-Tetrachloroethane	5.00		<b>48.9</b>	50.0	0	97.9	0	200	08/16/2011		
1,1,1-Trichloroethane	5.00		<b>51.7</b>	50.0	0	103.4	85.6	124	08/16/2011		
1,1,2,2-Tetrachloroethane	5.00		<b>49.7</b>	50.0	0	99.4	0	200	08/16/2011		
1,1,2-Trichloro-1,2,2-trifluoroethane	5.00		<b>53.6</b>	50.0	0	107.2	0	200	08/16/2011		
1,1,2-Trichloroethane	5.00		<b>50.5</b>	50.0	0	101.0	0	200	08/16/2011		
1,1-Dichloro-2-propanone	50.0		<b>114</b>	125	0	91.0	0	200	08/16/2011		
1,1-Dichloroethane	5.00		<b>53.3</b>	50.0	0	106.5	0	200	08/16/2011		
1,1-Dichloroethene	5.00		<b>53.2</b>	50.0	0	106.3	60.1	131	08/16/2011		
1,1-Dichloropropene	5.00		<b>54.0</b>	50.0	0	107.9	0	200	08/16/2011		
1,2,3-Trichlorobenzene	5.00		<b>52.5</b>	50.0	0	104.9	0	200	08/16/2011		
1,2,3-Trichloropropane	10.0		<b>47.4</b>	50.0	0	94.8	0	200	08/16/2011		
1,2,3-Trimethylbenzene	5.00		<b>52.2</b>	50.0	0	104.3	0	200	08/16/2011		
1,2,4-Trichlorobenzene	5.00		<b>55.5</b>	50.0	0	111.0	0	200	08/16/2011		
1,2,4-Trimethylbenzene	5.00		<b>54.1</b>	50.0	0	108.3	0	200	08/16/2011		
1,2-Dibromo-3-chloropropane	5.00		<b>46.8</b>	50.0	0	93.6	0	200	08/16/2011		
1,2-Dibromoethane	5.00		<b>49.8</b>	50.0	0	99.5	86.9	119	08/16/2011		
1,2-Dichlorobenzene	5.00		<b>52.2</b>	50.0	0	104.5	88	119	08/16/2011		
1,2-Dichloroethane	5.00		<b>49.8</b>	50.0	0	99.6	73	117	08/16/2011		
1,2-Dichloropropane	5.00		<b>51.9</b>	50.0	0	103.8	0	200	08/16/2011		
1,3,5-Trimethylbenzene	5.00		<b>54.9</b>	50.0	0	109.8	0	200	08/16/2011		
1,3-Dichlorobenzene	5.00		<b>54.6</b>	50.0	0	109.1	85.8	125	08/16/2011		
1,3-Dichloropropane	5.00		<b>50.8</b>	50.0	0	101.6	0	200	08/16/2011		
1,4-Dichlorobenzene	5.00		<b>54.6</b>	50.0	0	109.3	84.5	124	08/16/2011		
1-Chlorobutane	5.00		<b>51.8</b>	50.0	0	103.7	0	200	08/16/2011		
2,2-Dichloropropane	5.00		<b>53.3</b>	50.0	0	106.5	0	200	08/16/2011		
2-Butanone	50.0		<b>136</b>	125	0	108.9	45.3	136	08/16/2011		
2-Chlorotoluene	5.00		<b>53.7</b>	50.0	0	107.5	0	200	08/16/2011		
2-Hexanone	50.0		<b>129</b>	125	0	103.1	0	200	08/16/2011		
2-Nitropropane	50.0		<b>499</b>	500	0	99.7	0	200	08/16/2011		
4-Chlorotoluene	5.00		<b>53.6</b>	50.0	0	107.2	0	200	08/16/2011		
4-Methyl-2-pentanone	50.0		<b>123</b>	125	0	98.2	0	200	08/16/2011		
Acetone	50.0		<b>126</b>	125	0	100.8	0	200	08/16/2011		
Acrylonitrile	10.0		<b>46.2</b>	50.0	0	92.4	0	200	08/16/2011		
Allyl chloride	5.00		<b>52.1</b>	50.0	0	104.2	0	200	08/16/2011		
Benzene	1.00		<b>53.4</b>	50.0	0	106.9	73.9	109	08/16/2011		
Bromobenzene	5.00		<b>53.2</b>	50.0	0	106.3	0	200	08/16/2011		
Bromochloromethane	5.00		<b>52.4</b>	50.0	0	104.7	0	200	08/16/2011		
Bromodichloromethane	5.00		<b>51.8</b>	50.0	0	103.5	91.3	126	08/16/2011		
Bromoform	5.00		<b>51.8</b>	50.0	0	103.7	0	200	08/16/2011		
Bromomethane	10.0		<b>51.3</b>	50.0	0	102.7	0	200	08/16/2011		
Carbon disulfide	5.00		<b>52.1</b>	50.0	0	104.2	0	200	08/16/2011		
Carbon tetrachloride	5.00		<b>52.6</b>	50.0	0	105.2	83.3	127	08/16/2011		
Chlorobenzene	5.00		<b>52.5</b>	50.0	0	105.0	85.8	116	08/16/2011		
Chloroethane	10.0		<b>56.1</b>	50.0	0	112.1	0	200	08/16/2011		
Chloroform	5.00		<b>51.2</b>	50.0	0	102.4	80	113	08/16/2011		
Chloromethane	10.0		<b>55.1</b>	50.0	0	110.2	0	200	08/16/2011		
cis-1,2-Dichloroethene	5.00		<b>53.6</b>	50.0	0	107.3	0	200	08/16/2011		



Client: PSC Industrial Outsourcing, LP

Work Order: 11080614

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 19-Aug-11

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

Batch 70441	SampType: LCS	Units µg/Kg								
SampID: LCS-A110816-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
cis-1,3-Dichloropropene	4.00		55.5	50.0	0	111.0	0	200	08/16/2011	
Cyclohexanone	100		243	250	0	97.4	0	200	08/16/2011	
Dibromochloromethane	5.00		52.3	50.0	0	104.7	89.1	119	08/16/2011	
Dibromomethane	5.00		49.8	50.0	0	99.6	0	200	08/16/2011	
Dichlorodifluoromethane	10.0		38.9	50.0	0	77.7	0	200	08/16/2011	
Ethyl acetate	50.0	J	47	50.0	0	93.4	0	200	08/16/2011	
Ethyl ether	5.00		52.2	50.0	0	104.4	0	200	08/16/2011	
Ethyl methacrylate	5.00		51.2	50.0	0	102.4	0	200	08/16/2011	
Ethylbenzene	5.00		53.7	50.0	0	107.4	84.1	115	08/16/2011	
Heptane	20.0		58.5	50.0	0	117.0	0	200	08/16/2011	
Hexachlorobutadiene	5.00		53.7	50.0	0	107.5	0	200	08/16/2011	
Hexachloroethane	5.00		53.1	50.0	0	106.2	0	200	08/16/2011	
Iodomethane	10.0		60.6	50.0	0	121.3	0	200	08/16/2011	
Isopropylbenzene	5.00		54.9	50.0	0	109.9	0	200	08/16/2011	
m,p-Xylenes	5.00		110	100	0	109.6	79.1	111	08/16/2011	
Methacrylonitrile	50.0	J	50	50.0	0	99.8	0	200	08/16/2011	
Methyl Methacrylate	5.00		49.3	50.0	0	98.5	0	200	08/16/2011	
Methyl tert-butyl ether	2.00		53.0	50.0	0	106.1	80	128	08/16/2011	
Methylacrylate	10.0		48.5	50.0	0	97.1	0	200	08/16/2011	
Methylene chloride	5.00		56.0	50.0	0	112.0	73.9	116	08/16/2011	
Naphthalene	10.0		47.8	50.0	0	95.7	73.1	135	08/16/2011	
n-Butylbenzene	5.00		56.0	50.0	0	112.0	0	200	08/16/2011	
n-Hexane	20.0		56.7	50.0	0	113.4	0	200	08/16/2011	
Nitrobenzene	100		446	500	0	89.1	0	200	08/16/2011	
n-Propylbenzene	5.00		55.2	50.0	0	110.3	0	200	08/16/2011	
o-Xylene	5.00		53.5	50.0	0	106.9	82	117	08/16/2011	
Pentachloroethane	5.00		60.7	50.0	0	121.5	0	200	08/16/2011	
p-Isopropyltoluene	5.00		54.9	50.0	0	109.9	0	200	08/16/2011	
Propionitrile	50.0		479	500	0	95.9	0	200	08/16/2011	
sec-Butylbenzene	5.00		54.3	50.0	0	108.7	0	200	08/16/2011	
Styrene	5.00		56.6	50.0	0	113.2	0	200	08/16/2011	
tert-Butylbenzene	5.00		51.8	50.0	0	103.5	0	200	08/16/2011	
Tetrachloroethene	5.00		49.9	50.0	0	99.8	74.6	115	08/16/2011	
Tetrahydrofuran	50.0	J	49	50.0	0	97.7	0	200	08/16/2011	
Toluene	5.00		52.8	50.0	0	105.5	79.1	112	08/16/2011	
trans-1,2-Dichloroethene	5.00		54.1	50.0	0	108.2	0	200	08/16/2011	
trans-1,3-Dichloropropene	4.00		53.5	50.0	0	106.9	0	200	08/16/2011	
Trichloroethene	5.00		53.8	50.0	0	107.6	81	111	08/16/2011	
Trichlorofluoromethane	5.00		56.5	50.0	0	112.9	0	200	08/16/2011	
Vinyl acetate	50.0		53.0	50.0	0	106.0	0	200	08/16/2011	
Vinyl chloride	2.00		56.3	50.0	0	112.7	0	200	08/16/2011	
Surr: 1,2-Dichloroethane-d4			48.6	50.0		97.1	72.2	131	08/16/2011	
Surr: 4-Bromofluorobenzene			50.1	50.0		100.3	82.1	116	08/16/2011	
Surr: Dibromofluoromethane			50.2	50.0		100.3	77.7	120	08/16/2011	
Surr: Toluene-d8			50.1	50.0		100.2	86	116	08/16/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080614

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 19-Aug-11

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

Batch 70441	SampType: LCSD	Units µg/Kg					RPD Limit 40			
SampID: LCSD-A110816-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
1,1,1,2-Tetrachloroethane	5.00		48.2	50.0	0	96.5	48.94	1.46	08/16/2011	
1,1,1-Trichloroethane	5.00		50.9	50.0	0	101.9	51.69	1.48	08/16/2011	
1,1,2,2-Tetrachloroethane	5.00		46.4	50.0	0	92.8	49.68	6.83	08/16/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.00		52.6	50.0	0	105.3	53.61	1.84	08/16/2011	
1,1,2-Trichloroethane	5.00		49.2	50.0	0	98.4	50.49	2.59	08/16/2011	
1,1-Dichloro-2-propanone	50.0		105	125	0	84.1	113.8	7.85	08/16/2011	
1,1-Dichloroethane	5.00		52.3	50.0	0	104.6	53.27	1.88	08/16/2011	
1,1-Dichloroethene	5.00		52.2	50.0	0	104.5	53.15	1.71	08/16/2011	
1,1-Dichloropropene	5.00		52.5	50.0	0	104.9	53.96	2.80	08/16/2011	
1,2,3-Trichlorobenzene	5.00		49.5	50.0	0	99.0	52.47	5.78	08/16/2011	
1,2,3-Trichloropropane	10.0		45.1	50.0	0	90.2	47.42	5.04	08/16/2011	
1,2,3-Trimethylbenzene	5.00		50.8	50.0	0	101.7	52.15	2.54	08/16/2011	
1,2,4-Trichlorobenzene	5.00		52.6	50.0	0	105.1	55.49	5.42	08/16/2011	
1,2,4-Trimethylbenzene	5.00		52.8	50.0	0	105.5	54.14	2.58	08/16/2011	
1,2-Dibromo-3-chloropropane	5.00		44.1	50.0	0	88.3	46.82	5.92	08/16/2011	
1,2-Dibromoethane	5.00		48.4	50.0	0	96.7	49.76	2.83	08/16/2011	
1,2-Dichlorobenzene	5.00		50.2	50.0	0	100.5	52.23	3.86	08/16/2011	
1,2-Dichloroethane	5.00		48.1	50.0	0	96.1	49.81	3.56	08/16/2011	
1,2-Dichloropropane	5.00		51.0	50.0	0	102.0	51.90	1.77	08/16/2011	
1,3,5-Trimethylbenzene	5.00		53.6	50.0	0	107.2	54.90	2.40	08/16/2011	
1,3-Dichlorobenzene	5.00		52.2	50.0	0	104.3	54.55	4.50	08/16/2011	
1,3-Dichloropropane	5.00		49.4	50.0	0	98.8	50.79	2.79	08/16/2011	
1,4-Dichlorobenzene	5.00		51.8	50.0	0	103.6	54.63	5.36	08/16/2011	
1-Chlorobutane	5.00		51.1	50.0	0	102.1	51.84	1.52	08/16/2011	
2,2-Dichloropropane	5.00		52.3	50.0	0	104.6	53.27	1.80	08/16/2011	
2-Butanone	50.0		122	125	0	97.7	136.2	10.91	08/16/2011	
2-Chlorotoluene	5.00		52.4	50.0	0	104.9	53.74	2.47	08/16/2011	
2-Hexanone	50.0		118	125	0	94.8	128.9	8.46	08/16/2011	
2-Nitropropane	50.0		461	500	0	92.2	498.5	7.82	08/16/2011	
4-Chlorotoluene	5.00		51.8	50.0	0	103.5	53.59	3.49	08/16/2011	
4-Methyl-2-pentanone	50.0		114	125	0	90.8	122.8	7.79	08/16/2011	
Acetone	50.0		112	125	0	89.5	126.0	11.87	08/16/2011	
Acrylonitrile	10.0		43.2	50.0	0	86.3	46.21	6.85	08/16/2011	
Allyl chloride	5.00		50.3	50.0	0	100.7	52.09	3.42	08/16/2011	
Benzene	1.00		52.4	50.0	0	104.9	53.45	1.89	08/16/2011	
Bromobenzene	5.00		51.0	50.0	0	102.0	53.15	4.13	08/16/2011	
Bromochloromethane	5.00		50.3	50.0	0	100.6	52.37	4.03	08/16/2011	
Bromodichloromethane	5.00		50.3	50.0	0	100.6	51.75	2.88	08/16/2011	
Bromoform	5.00		50.2	50.0	0	100.4	51.85	3.25	08/16/2011	
Bromomethane	10.0		49.5	50.0	0	99.0	51.34	3.65	08/16/2011	
Carbon disulfide	5.00		50.7	50.0	0	101.4	52.08	2.67	08/16/2011	
Carbon tetrachloride	5.00		51.9	50.0	0	103.8	52.58	1.32	08/16/2011	
Chlorobenzene	5.00		51.8	50.0	0	103.5	52.51	1.42	08/16/2011	
Chloroethane	10.0		56.4	50.0	0	112.8	56.06	0.64	08/16/2011	
Chloroform	5.00		50.2	50.0	0	100.5	51.21	1.91	08/16/2011	
Chloromethane	10.0		52.6	50.0	0	105.2	55.12	4.72	08/16/2011	
cis-1,2-Dichloroethene	5.00		52.6	50.0	0	105.1	53.65	2.03	08/16/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11080614

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 19-Aug-11

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

Batch 70441	SampType: LCSD	Units µg/Kg					RPD Limit 40			
SampID: LCSD-A110816-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
cis-1,3-Dichloropropene	4.00		53.5	50.0	0	107.0	55.48	3.65	08/16/2011	
Cyclohexanone	100		230	250	0	92.1	243.4	5.56	08/16/2011	
Dibromochloromethane	5.00		50.9	50.0	0	101.8	52.34	2.79	08/16/2011	
Dibromomethane	5.00		47.6	50.0	0	95.2	49.79	4.46	08/16/2011	
Dichlorodifluoromethane	10.0		35.7	50.0	0	71.4	38.87	8.47	08/16/2011	
Ethyl acetate	50.0	J	44	50.0	0	87.0	46.71	0.00	08/16/2011	
Ethyl ether	5.00		49.8	50.0	0	99.7	52.18	4.59	08/16/2011	
Ethyl methacrylate	5.00		48.7	50.0	0	97.5	51.20	4.94	08/16/2011	
Ethylbenzene	5.00		53.1	50.0	0	106.2	53.70	1.16	08/16/2011	
Heptane	20.0		56.6	50.0	0	113.1	58.51	3.39	08/16/2011	
Hexachlorobutadiene	5.00		51.5	50.0	0	103.0	53.73	4.26	08/16/2011	
Hexachloroethane	5.00		51.8	50.0	0	103.7	53.09	2.40	08/16/2011	
Iodomethane	10.0		60.5	50.0	0	121.0	60.65	0.21	08/16/2011	
Isopropylbenzene	5.00		53.8	50.0	0	107.6	54.93	2.04	08/16/2011	
m,p-Xylenes	5.00		108	100	0	107.8	109.6	1.62	08/16/2011	
Methacrylonitrile	50.0	J	47	50.0	0	93.4	49.89	0.00	08/16/2011	
Methyl Methacrylate	5.00		45.8	50.0	0	91.6	49.26	7.28	08/16/2011	
Methyl tert-butyl ether	2.00		51.4	50.0	0	102.9	53.04	3.04	08/16/2011	
Methylacrylate	10.0		45.4	50.0	0	90.7	48.54	6.77	08/16/2011	
Methylene chloride	5.00		53.7	50.0	0	107.4	56.02	4.25	08/16/2011	
Naphthalene	10.0		45.5	50.0	0	91.0	47.83	4.95	08/16/2011	
n-Butylbenzene	5.00		53.3	50.0	0	106.5	56.02	5.05	08/16/2011	
n-Hexane	20.0		54.8	50.0	0	109.6	56.68	3.39	08/16/2011	
Nitrobenzene	100		408	500	0	81.6	445.6	8.79	08/16/2011	
n-Propylbenzene	5.00		53.4	50.0	0	106.8	55.16	3.26	08/16/2011	
o-Xylene	5.00		52.6	50.0	0	105.2	53.46	1.62	08/16/2011	
Pentachloroethane	5.00		58.8	50.0	0	117.7	60.73	3.18	08/16/2011	
p-Isopropyltoluene	5.00		52.8	50.0	0	105.7	54.94	3.88	08/16/2011	
Propionitrile	50.0		447	500	0	89.4	479.3	7.02	08/16/2011	
sec-Butylbenzene	5.00		52.6	50.0	0	105.2	54.34	3.27	08/16/2011	
Styrene	5.00		55.1	50.0	0	110.1	56.59	2.74	08/16/2011	
tert-Butylbenzene	5.00		50.7	50.0	0	101.5	51.76	1.99	08/16/2011	
Tetrachloroethene	5.00		49.0	50.0	0	98.0	49.88	1.80	08/16/2011	
Tetrahydrofuran	50.0	J	45	50.0	0	90.9	48.85	0.00	08/16/2011	
Toluene	5.00		51.9	50.0	0	103.9	52.77	1.59	08/16/2011	
trans-1,2-Dichloroethene	5.00		52.9	50.0	0	105.9	54.08	2.15	08/16/2011	
trans-1,3-Dichloropropene	4.00		52.3	50.0	0	104.6	53.46	2.16	08/16/2011	
Trichloroethene	5.00		52.6	50.0	0	105.1	53.79	2.29	08/16/2011	
Trichlorofluoromethane	5.00		55.4	50.0	0	110.8	56.46	1.88	08/16/2011	
Vinyl acetate	50.0		50.1	50.0	0	100.1	53.01	5.70	08/16/2011	
Vinyl chloride	2.00		55.6	50.0	0	111.1	56.34	1.38	08/16/2011	
Surr: 1,2-Dichloroethane-d4			47.9	50.0		95.8			08/16/2011	
Surr: 4-Bromofluorobenzene			50.2	50.0		100.5			08/16/2011	
Surr: Dibromofluoromethane			49.8	50.0		99.6			08/16/2011	
Surr: Toluene-d8			50.2	50.0		100.3			08/16/2011	



## Receiving Check List

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080614

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 19-Aug-11

**Carrier:** Sean Spinner

**Received By:** TWM

**Completed by:** *Marvin L. Darling II*  
**On:** 12-Aug-11  
 Marvin L. Darling

**Reviewed by:** *Heather A. White*  
**On:** 15-Aug-11  
 Heather A. White

Pages to follow: Chain of custody  Extra pages included

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>	Temp °C 1.2
Type of thermal preservation?	None <input type="checkbox"/>	Ice <input checked="" type="checkbox"/>	Blue Ice <input type="checkbox"/>	Dry Ice <input type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Reported field parameters measured:	Field <input type="checkbox"/>	Lab <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	
Container/Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
<i>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.</i>				
Water - vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials <input checked="" type="checkbox"/>	
Water - TOX containers have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No TOX containers <input checked="" type="checkbox"/>	
Water - pH acceptable upon receipt?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		

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

The 5035 VOC vials were received with greater than 5 grams of soil collected. Per Pete Sazama, analyze via 5030. 8/15/11 HAW



# Chain of Custody Record

210 West Sand Bank Road  
Columbia, IL 62236

11080614  
COC Serial No. 10902 OF

Project Name: CHAMPAIGN MGP Project Mgr.: P. SAZANA  
 Project Number: 624 0908 0120 Cost Code: 50002

Sampler(s): STAN

Laboratory Name: TEKLAB Location: Collinsville IL

Sample ID (depth)	Date	Time	Matrix					Total Number of Containers	Analyses by Method Name and Number							Comments (Field PID)	Lab ID #'s
			Soil	Water	Air	Wipes	Other *		8360-VOCs	8370-SVOC	8370-PHT-SIN	RCRA Metals	Cyanide Total	TPH-DI2	PH		
PA2-01 B (10) F	8-11-11	0840	X					6	X	X	X	X	X	X	X	X	11080614-001
<del>PA2-01 A (10) F</del>	<del>8-11-11</del>		X					6	X	X	X	X	X	X	X	X	<del>11080614-002</del>
PA2-01 C (10) F	8-11-11	1630	X					6	X	X	X	X	X	X	X	X	11080614-003

**TeKlab, Inc.  
CourierPickUp**

8/19/11  
8/19/11

Laboratory Temperature upon Receipt  
1.2

**Samples Iced:**  Yes  No

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

Hydrochloric acid (HCl)  
 Sodium Bisulfate/Methanol  
 Hydrochloric acid and/or Sulfuric acid (HNO<sub>3</sub>)  
 Sodium hydroxide (NaOH)

**Lab Directives:**  
 Requested TAT:  24-Hour  2-3 Days  STD  Other  
 E-mail and/or Mail Results to: P. SAZANA / L. HOUSTON  
 Send Invoice to: B. MARTIN (CAMDEN)  
 QC Deliverable Requested:  Full QC & Limits  CLP-LIKE  EDD  Other  
 Special Guidelines:  
 Reporting Limits: IL IAC 740 / 742 IAC 740.2  
 \* Special:

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

**Relinquished by:**  
 Signature: [Signature]  
 Date: 8/12/11 Time: 1615

**Received by:**  
 Signature: [Signature]  
 Date: 8/22/11 Time: 12:22

August 30, 2011

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



**RE:** A831-735002-012901-225Ameren Champaign  
62409080120

**WorkOrder:** 11080894

Dear Pete Sazama:

TEKLAB, INC received 10 samples on 8/19/2011 4:00:00 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. 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,



Heather A. White  
Project Manager  
(618)344-1004 ex 20  
HWhite@teklabinc.com



## Report Contents

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080894

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 30-Aug-11

**This reporting package includes the following:**

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	4
Laboratory Results	5
Sample Summary	41
Dates Report	42
Quality Control Results	45
Receiving Check List	79
Chain of Custody	Appended

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080894

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 30-Aug-11

### Abbr Definition

- CCV Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.
- DF Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilutions factors.
- DNI Did not ignite
- DUP Laboratory duplicate is an aliquot of a sample taken from the same container under laboratory conditions for independent processing and analysis independently of the original aliquot.
- ICV Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
- IDPH IL Dept. of Public Health
- LCS Laboratory control sample, spiked with verified known amounts of analytes, is analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system. The acceptable recovery range is in the QC Package (provided upon request).
- LCSD Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
- MB Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.
- MDL Method detection limit means the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.
- MS Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).
- MSD Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
- MW Molecular weight
- ND Not Detected at the Reporting Limit
- NELAP NELAP Accredited
- PQL Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions. The acceptable recovery range is listed in the QC Package (provided upon request).
- RL The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.
- RPD Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).
- SPK The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.
- Surr Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.
- TNTC Too numerous to count ( > 200 CFU )

### Qualifiers

- |  |  |
|--|--|
| # - Unknown hydrocarbon                        | B - Analyte detected in associated Method Blank        |
| E - Value above quantitation range             | H - Holding times exceeded                             |
| J - Analyte detected below quantitation limits | M - Manual Integration used to determine area response |
| ND - Not Detected at the Reporting Limit       | R - RPD outside accepted recovery limits               |
| S - Spike Recovery outside recovery limits     | X - Value exceeds Maximum Contaminant Level            |





**Case Narrative**

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080894

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 30-Aug-11

**Cooler Receipt Temp:** 2.0 °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 kmclain@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	1/31/2012	Collinsville
Kansas	KDHE	E-10374	NELAP	1/31/2012	Collinsville
Louisiana	LDEQ	166493	NELAP	6/30/2012	Collinsville
Louisiana	LDEQ	166578	NELAP	6/30/2012	Springfield
Arkansas	ADEQ	88-0966		3/14/2012	Collinsville
Illinois	IDPH	17584		4/30/2012	Collinsville
Kentucky	UST	0073		5/26/2012	Collinsville
Missouri	MDNR	00930		4/13/2013	Collinsville
Oklahoma	ODEQ	9978		8/31/2012	Collinsville

Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

Lab ID: 11080894-001

Client Sample ID: PA3-15 (9) F

Matrix: SOLID

Collection Date: 08/15/2011 9:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		19.7	%	1	08/22/2011 10:26	R153497
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.36		9.30	mg/Kg-dry	1	08/23/2011 18:07	70579
Chromium	NELAP	0.94		23.2	mg/Kg-dry	1	08/23/2011 18:07	70579
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		0.023	mg/Kg-dry	1	08/24/2011 15:52	70637
Acenaphthylene	NELAP	0.004		0.005	mg/Kg-dry	1	08/24/2011 15:52	70637
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 15:52	70637
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 15:52	70637
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 15:52	70637
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 15:52	70637
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 15:52	70637
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 15:52	70637
Bis(2-ethylhexyl)phthalate	NELAP	0.083		ND	mg/Kg-dry	1	08/24/2011 15:52	70637
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 15:52	70637
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 15:52	70637
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 15:52	70637
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 15:52	70637
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 15:52	70637
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 15:52	70637
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 15:52	70637
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 15:52	70637
Surr: 2-Fluorobiphenyl		10-131		54.4	%REC	1	08/24/2011 15:52	70637
Surr: Nitrobenzene-d5		10-132		72.6	%REC	1	08/24/2011 15:52	70637
Surr: p-Terphenyl-d14		80.2-138		92.7	%REC	1	08/24/2011 15:52	70637
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	17.0	H	ND	µg/Kg-dry	12.5	08/29/2011 15:53	70841
Ethylbenzene	NELAP	85.1	JH	20	µg/Kg-dry	12.5	08/29/2011 15:53	70841
Toluene	NELAP	85.1	JH	37	µg/Kg-dry	12.5	08/29/2011 15:53	70841
Xylenes, Total	NELAP	85.1	JH	33	µg/Kg-dry	12.5	08/29/2011 15:53	70841
Surr: 1,2-Dichloroethane-d4		72.2-131	H	102.7	%REC	12.5	08/29/2011 15:53	70841
Surr: 4-Bromofluorobenzene		82.1-116	H	97.3	%REC	12.5	08/29/2011 15:53	70841
Surr: Dibromofluoromethane		77.7-120	H	105.2	%REC	12.5	08/29/2011 15:53	70841
Surr: Toluene-d8		86-116	H	103.4	%REC	12.5	08/29/2011 15:53	70841

Sample required re-analysis out of hold time.

Elevated reporting limit due to matrix interference.

Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

Lab ID: 11080894-002

Client Sample ID: PA2-03 (10) F

Matrix: SOLID

Collection Date: 08/15/2011 11:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		15.6	%	1	08/22/2011 10:26	R153497
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.30	J	0.19	mg/Kg-dry	1	08/23/2011 7:46	70612
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.31		6.25	mg/Kg-dry	1	08/23/2011 18:24	70579
Barium	NELAP	0.46		31.1	mg/Kg-dry	1	08/23/2011 18:24	70579
Cadmium	NELAP	0.19		< 0.19	mg/Kg-dry	1	08/23/2011 18:24	70579
Chromium	NELAP	0.93		18.6	mg/Kg-dry	1	08/23/2011 18:24	70579
Lead	NELAP	3.70		9.85	mg/Kg-dry	1	08/23/2011 18:24	70579
Silver	NELAP	0.51		< 0.51	mg/Kg-dry	1	08/23/2011 18:24	70579
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium	7740 NELAP	0.556		< 0.556	mg/Kg-dry	1	08/23/2011 15:07	70571
<b>SW-846 7471A</b>								
Mercury	NELAP	0.012		< 0.012	mg/Kg-dry	1	08/22/2011 12:34	70573
<b>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</b>								
Diesel	NELAP	5.90		ND	mg/Kg-dry	1	08/24/2011 15:18	70600
Kerosene	NELAP	5.90		ND	mg/Kg-dry	1	08/24/2011 15:18	70600
Mineral Spirits	NELAP	5.90		ND	mg/Kg-dry	1	08/24/2011 15:18	70600
Motor Oil	NELAP	5.90		ND	mg/Kg-dry	1	08/24/2011 15:18	70600
Surr: n-Tetracontane		50.6-140		101.4	%REC	1	08/24/2011 15:18	70600
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		0.028	mg/Kg-dry	1	08/24/2011 17:44	70637
Acenaphthylene	NELAP	0.004		0.079	mg/Kg-dry	1	08/24/2011 17:44	70637
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 17:44	70637
Benzo(a)anthracene	NELAP	0.004		0.006	mg/Kg-dry	1	08/24/2011 17:44	70637
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 17:44	70637
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 17:44	70637
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 17:44	70637
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 17:44	70637
Bis(2-ethylhexyl)phthalate	NELAP	0.079		ND	mg/Kg-dry	1	08/24/2011 17:44	70637
Chrysene	NELAP	0.004	J	0.004	mg/Kg-dry	1	08/24/2011 17:44	70637
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 17:44	70637
Fluoranthene	NELAP	0.004		0.029	mg/Kg-dry	1	08/24/2011 17:44	70637
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 17:44	70637
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 17:44	70637
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 17:44	70637
Phenanthrene	NELAP	0.004		0.020	mg/Kg-dry	1	08/24/2011 17:44	70637
Pyrene	NELAP	0.004		0.044	mg/Kg-dry	1	08/24/2011 17:44	70637
Surr: 2-Fluorobiphenyl		10-131		72.7	%REC	1	08/24/2011 17:44	70637
Surr: Nitrobenzene-d5		10-132		79.7	%REC	1	08/24/2011 17:44	70637
Surr: p-Terphenyl-d14		80.2-138		92.2	%REC	1	08/24/2011 17:44	70637
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	0.591		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
1,2-Dichlorobenzene	NELAP	0.591		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
1,3-Dichlorobenzene	NELAP	0.591		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
1,4-Dichlorobenzene	NELAP	0.591		ND	mg/Kg-dry	1	08/24/2011 13:11	70636

Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

Lab ID: 11080894-002

Client Sample ID: PA2-03 (10) F

Matrix: SOLID

Collection Date: 08/15/2011 11:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,5-Trichlorophenol	NELAP	0.414		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
2,4,6-Trichlorophenol	NELAP	0.414		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
2,4-Dichlorophenol	NELAP	0.591		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
2,4-Dimethylphenol	NELAP	0.591		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
2,4-Dinitrophenol	NELAP	1.18		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
2,4-Dinitrotoluene	NELAP	0.414		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
2,6-Dinitrotoluene	NELAP	0.414		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
2-Chloronaphthalene	NELAP	0.414		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
2-Chlorophenol	NELAP	0.591		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
2-Methoxy-4-methylphenol		0.768		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
2-Methylnaphthalene	NELAP	0.414		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
2-Nitroaniline	NELAP	1.18		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
2-Nitrophenol	NELAP	0.414		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
3,3'-Dichlorobenzidine	NELAP	0.414		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
3-Nitroaniline	NELAP	1.18		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
4,6-Dinitro-2-methylphenol	NELAP	1.18		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
4-Bromophenyl phenyl ether	NELAP	0.414		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
4-Chloro-3-methylphenol	NELAP	0.591		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
4-Chloroaniline	NELAP	0.591		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
4-Chlorophenyl phenyl ether	NELAP	0.414		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
4-Nitroaniline	NELAP	0.591		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
4-Nitrophenol	NELAP	0.414		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
Aniline	NELAP	0.591		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
Azobenzene		0.414		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
Benzidine	NELAP	1.25		see note	mg/Kg-dry	1	08/24/2011 13:11	70636
Benzoic acid	NELAP	1.77		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
Benzyl alcohol	NELAP	0.591		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
Bis(2-chloroethoxy)methane	NELAP	0.414		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
Bis(2-chloroethyl)ether	NELAP	0.591		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
Bis(2-chloroisopropyl)ether	NELAP	0.414		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
Butyl benzyl phthalate	NELAP	0.414		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
Carbazole		0.591		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
Dibenzofuran	NELAP	0.414		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
Diethyl phthalate	NELAP	0.591		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
Dimethyl phthalate	NELAP	0.414		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
Di-n-butyl phthalate	NELAP	0.414		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
Di-n-octyl phthalate	NELAP	0.414		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
Hexachlorobenzene	NELAP	0.414		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
Hexachlorobutadiene	NELAP	0.591		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
Hexachlorocyclopentadiene	NELAP	0.414		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
Hexachloroethane	NELAP	0.591		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
Isophorone	NELAP	0.414		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
m,p-Cresol	NELAP	0.591		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
Nitrobenzene	NELAP	0.591		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
N-Nitrosodimethylamine	NELAP	0.591		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
N-Nitroso-di-n-propylamine	NELAP	0.591		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
N-Nitrosodiphenylamine	NELAP	0.591		ND	mg/Kg-dry	1	08/24/2011 13:11	70636

Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

Lab ID: 11080894-002

Client Sample ID: PA2-03 (10) F

Matrix: SOLID

Collection Date: 08/15/2011 11:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
o-Cresol	NELAP	0.591		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
Pentachlorophenol	NELAP	2.36		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
Phenol	NELAP	0.414		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
Pyridine	NELAP	0.591		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
1,2-Diphenylhydrazine		0.993		ND	mg/Kg-dry	1	08/24/2011 13:11	70636
Surr: 2,4,6-Tribromophenol		32.7-130		80.1	%REC	1	08/24/2011 13:11	70636
Surr: 2-Fluorobiphenyl		34.1-116		78.8	%REC	1	08/24/2011 13:11	70636
Surr: 2-Fluorophenol		30.5-99		64.4	%REC	1	08/24/2011 13:11	70636
Surr: Nitrobenzene-d5		34.1-101		68.3	%REC	1	08/24/2011 13:11	70636
Surr: Phenol-d5		34.9-110		68.8	%REC	1	08/24/2011 13:11	70636
Surr: p-Terphenyl-d14		41.7-124		84.4	%REC	1	08/24/2011 13:11	70636
<i>Note: Benzidine is currently not reportable while extraction efficiency and recovery are investigated.</i>								
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,1,1,2-Tetrachloroethane	NELAP	4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
1,1,1-Trichloroethane	NELAP	4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
1,1,2,2-Tetrachloroethane	NELAP	4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
1,1,2-Trichloro-1,2,2-trifluoroethane		4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
1,1,2-Trichloroethane	NELAP	4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
1,1-Dichloro-2-propanone		39.7		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
1,1-Dichloroethane	NELAP	4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
1,1-Dichloroethene	NELAP	4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
1,1-Dichloropropene	NELAP	4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
1,2,3-Trichlorobenzene	NELAP	4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
1,2,3-Trichloropropane	NELAP	7.9		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
1,2,3-Trimethylbenzene		4.0	J	1.0	µg/Kg-dry	1	08/22/2011 12:31	70648
1,2,4-Trichlorobenzene	NELAP	4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
1,2,4-Trimethylbenzene	NELAP	4.0	J	2.1	µg/Kg-dry	1	08/22/2011 12:31	70648
1,2-Dibromo-3-chloropropane	NELAP	4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
1,2-Dibromoethane	NELAP	4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
1,2-Dichlorobenzene	NELAP	4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
1,2-Dichloroethane	NELAP	4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
1,2-Dichloropropane	NELAP	4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
1,3,5-Trimethylbenzene	NELAP	4.0	J	0.8	µg/Kg-dry	1	08/22/2011 12:31	70648
1,3-Dichlorobenzene	NELAP	4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
1,3-Dichloropropane	NELAP	4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
1,4-Dichlorobenzene	NELAP	4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
1-Chlorobutane	NELAP	4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
2,2-Dichloropropane	NELAP	4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
2-Butanone	NELAP	39.7	J	13	µg/Kg-dry	1	08/22/2011 12:31	70648
2-Chlorotoluene	NELAP	4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
2-Hexanone	NELAP	39.7		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
2-Nitropropane	NELAP	39.7		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
4-Chlorotoluene	NELAP	4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
4-Methyl-2-pentanone	NELAP	39.7		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
Acetone	NELAP	39.7	J	17	µg/Kg-dry	1	08/22/2011 12:31	70648
Acrolein	NELAP	79.4		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
Acrylonitrile	NELAP	7.9		ND	µg/Kg-dry	1	08/22/2011 12:31	70648

Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

Lab ID: 11080894-002

Client Sample ID: PA2-03 (10) F

Matrix: SOLID

Collection Date: 08/15/2011 11:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Allyl chloride	NELAP	4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
Benzene	NELAP	0.8		2.2	µg/Kg-dry	1	08/22/2011 12:31	70648
Bromobenzene	NELAP	4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
Bromochloromethane	NELAP	4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
Bromodichloromethane	NELAP	4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
Bromoform	NELAP	4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
Bromomethane	NELAP	7.9		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
Carbon disulfide	NELAP	4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
Carbon tetrachloride	NELAP	4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
Chlorobenzene	NELAP	4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
Chloroethane	NELAP	7.9		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
Chloroform	NELAP	4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
Chloromethane	NELAP	7.9		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
cis-1,2-Dichloroethene	NELAP	4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
cis-1,3-Dichloropropene	NELAP	3.2		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
Cyclohexanone		79.4		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
Dibromochloromethane	NELAP	4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
Dibromomethane	NELAP	4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
Dichlorodifluoromethane	NELAP	7.9		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
Ethyl acetate	NELAP	39.7		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
Ethyl ether	NELAP	4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
Ethyl methacrylate	NELAP	4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
Ethylbenzene	NELAP	4.0	J	1.8	µg/Kg-dry	1	08/22/2011 12:31	70648
Heptane		15.9	J	5.3	µg/Kg-dry	1	08/22/2011 12:31	70648
Hexachlorobutadiene	NELAP	4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
Hexachloroethane	NELAP	4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
Iodomethane	NELAP	7.9		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
Isopropylbenzene	NELAP	4.0	J	1.9	µg/Kg-dry	1	08/22/2011 12:31	70648
m,p-Xylenes	NELAP	4.0	J	3.0	µg/Kg-dry	1	08/22/2011 12:31	70648
Methacrylonitrile	NELAP	39.7		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
Methyl Methacrylate	NELAP	4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
Methyl tert-butyl ether	NELAP	1.6		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
Methylacrylate		7.9		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
Methylene chloride	NELAP	4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
Naphthalene	NELAP	7.9	J	2.3	µg/Kg-dry	1	08/22/2011 12:31	70648
n-Butylbenzene	NELAP	4.0		24.4	µg/Kg-dry	1	08/22/2011 12:31	70648
n-Hexane		15.9	J	8.7	µg/Kg-dry	1	08/22/2011 12:31	70648
Nitrobenzene	NELAP	79.4		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
n-Propylbenzene	NELAP	4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
o-Xylene	NELAP	4.0	J	1.2	µg/Kg-dry	1	08/22/2011 12:31	70648
Pentachloroethane	NELAP	4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
p-Isopropyltoluene	NELAP	4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
Propionitrile	NELAP	39.7		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
sec-Butylbenzene	NELAP	4.0	J	2.0	µg/Kg-dry	1	08/22/2011 12:31	70648
Styrene	NELAP	4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
tert-Butylbenzene	NELAP	4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
Tetrachloroethene	NELAP	4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648



## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080894

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 30-Aug-11

**Lab ID:** 11080894-002

**Client Sample ID:** PA2-03 (10) F

**Matrix:** SOLID

**Collection Date:** 08/15/2011 11:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Tetrahydrofuran	NELAP	39.7		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
Toluene	NELAP	4.0		5.3	µg/Kg-dry	1	08/22/2011 12:31	70648
trans-1,2-Dichloroethene	NELAP	4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
trans-1,3-Dichloropropene	NELAP	3.2		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
Trichloroethene	NELAP	4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
Trichlorofluoromethane	NELAP	4.0		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
Vinyl acetate	NELAP	39.7		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
Vinyl chloride	NELAP	1.6		ND	µg/Kg-dry	1	08/22/2011 12:31	70648
Surr: 1,2-Dichloroethane-d4		72.2-131		72.7	%REC	1	08/22/2011 12:31	70648
Surr: 4-Bromofluorobenzene		82.1-116		91.1	%REC	1	08/22/2011 12:31	70648
Surr: Dibromofluoromethane		77.7-120		87.6	%REC	1	08/22/2011 12:31	70648
Surr: Toluene-d8		86-116		100.0	%REC	1	08/22/2011 12:31	70648

Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

Lab ID: 11080894-003

Client Sample ID: PA2-04 Wall

Matrix: SOLID

Collection Date: 08/15/2011 14:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch	
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>									
Percent Moisture		0.1		19.2	%	1	08/22/2011 9:29	R153497	
<b>SW-846 9012A (TOTAL)</b>									
Cyanide	NELAP	0.32		0.41	mg/Kg-dry	1	08/23/2011 7:46	70612	
<b>SW-846 3050B, 6010B, METALS BY ICP</b>									
Arsenic	NELAP	2.31		7.80	mg/Kg-dry	1	08/23/2011 18:30	70579	
Barium	NELAP	0.46		61.2	mg/Kg-dry	1	08/23/2011 18:30	70579	
Cadmium	NELAP	0.19		< 0.19	mg/Kg-dry	1	08/23/2011 18:30	70579	
Chromium	NELAP	0.93		29.7	mg/Kg-dry	1	08/23/2011 18:30	70579	
Lead	NELAP	3.70		15.4	mg/Kg-dry	1	08/23/2011 18:30	70579	
Silver	NELAP	0.51		< 0.51	mg/Kg-dry	1	08/23/2011 18:30	70579	
<b>SW-846 3050B, METALS BY GFAA</b>									
Selenium	7740	NELAP	2.88	S	< 2.88	mg/Kg-dry	5	08/25/2011 11:46	70571
<i>Se - Matrix spike did not recover within control limits because of sample dilution.</i>									
<i>Se - Elevated reporting limit due to sample composition.</i>									
<b>SW-846 7471A</b>									
Mercury	NELAP	0.012		0.014	mg/Kg-dry	1	08/22/2011 12:34	70573	
<b>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</b>									
Diesel	NELAP	6.16		ND	mg/Kg-dry	1	08/24/2011 15:36	70600	
Kerosene	NELAP	6.16		ND	mg/Kg-dry	1	08/24/2011 15:36	70600	
Mineral Spirits	NELAP	6.16		ND	mg/Kg-dry	1	08/24/2011 15:36	70600	
Motor Oil	NELAP	6.16		ND	mg/Kg-dry	1	08/24/2011 15:36	70600	
Surr: n-Tetracontane		50.6-140		116.0	%REC	1	08/24/2011 15:36	70600	
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>									
Acenaphthene	NELAP	0.004		0.018	mg/Kg-dry	1	08/24/2011 18:21	70637	
Acenaphthylene	NELAP	0.004		0.012	mg/Kg-dry	1	08/24/2011 18:21	70637	
Anthracene	NELAP	0.004	J	0.004	mg/Kg-dry	1	08/24/2011 18:21	70637	
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 18:21	70637	
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 18:21	70637	
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 18:21	70637	
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 18:21	70637	
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 18:21	70637	
Bis(2-ethylhexyl)phthalate	NELAP	0.083		ND	mg/Kg-dry	1	08/24/2011 18:21	70637	
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 18:21	70637	
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 18:21	70637	
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 18:21	70637	
Fluorene	NELAP	0.004		0.010	mg/Kg-dry	1	08/24/2011 18:21	70637	
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 18:21	70637	
Naphthalene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 18:21	70637	
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 18:21	70637	
Pyrene	NELAP	0.004	J	0.004	mg/Kg-dry	1	08/24/2011 18:21	70637	
Surr: 2-Fluorobiphenyl		10-131		75.3	%REC	1	08/24/2011 18:21	70637	
Surr: Nitrobenzene-d5		10-132		79.6	%REC	1	08/24/2011 18:21	70637	
Surr: p-Terphenyl-d14		80.2-138		93.6	%REC	1	08/24/2011 18:21	70637	
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>									
1,2,4-Trichlorobenzene	NELAP	0.617		ND	mg/Kg-dry	1	08/24/2011 13:44	70636	
1,2-Dichlorobenzene	NELAP	0.617		ND	mg/Kg-dry	1	08/24/2011 13:44	70636	
1,3-Dichlorobenzene	NELAP	0.617		ND	mg/Kg-dry	1	08/24/2011 13:44	70636	



Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

Lab ID: 11080894-003

Client Sample ID: PA2-04 Wall

Matrix: SOLID

Collection Date: 08/15/2011 14:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,4-Dichlorobenzene	NELAP	0.617		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
2,4,5-Trichlorophenol	NELAP	0.432		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
2,4,6-Trichlorophenol	NELAP	0.432		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
2,4-Dichlorophenol	NELAP	0.617		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
2,4-Dimethylphenol	NELAP	0.617		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
2,4-Dinitrophenol	NELAP	1.23		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
2,4-Dinitrotoluene	NELAP	0.432		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
2,6-Dinitrotoluene	NELAP	0.432		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
2-Chloronaphthalene	NELAP	0.432		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
2-Chlorophenol	NELAP	0.617		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
2-Methoxy-4-methylphenol		0.803		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
2-Methylnaphthalene	NELAP	0.432		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
2-Nitroaniline	NELAP	1.23		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
2-Nitrophenol	NELAP	0.432		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
3,3'-Dichlorobenzidine	NELAP	0.432		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
3-Nitroaniline	NELAP	1.23		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
4,6-Dinitro-2-methylphenol	NELAP	1.23		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
4-Bromophenyl phenyl ether	NELAP	0.432		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
4-Chloro-3-methylphenol	NELAP	0.617		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
4-Chloroaniline	NELAP	0.617		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
4-Chlorophenyl phenyl ether	NELAP	0.432		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
4-Nitroaniline	NELAP	0.617		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
4-Nitrophenol	NELAP	0.432		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
Aniline	NELAP	0.617		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
Azobenzene		0.432		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
Benzidine	NELAP	1.30		see note	mg/Kg-dry	1	08/24/2011 13:44	70636
Benzoic acid	NELAP	1.85		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
Benzyl alcohol	NELAP	0.617		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
Bis(2-chloroethoxy)methane	NELAP	0.432		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
Bis(2-chloroethyl)ether	NELAP	0.617		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
Bis(2-chloroisopropyl)ether	NELAP	0.432		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
Butyl benzyl phthalate	NELAP	0.432		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
Carbazole		0.617		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
Dibenzofuran	NELAP	0.432		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
Diethyl phthalate	NELAP	0.617		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
Dimethyl phthalate	NELAP	0.432		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
Di-n-butyl phthalate	NELAP	0.432		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
Di-n-octyl phthalate	NELAP	0.432		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
Hexachlorobenzene	NELAP	0.432		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
Hexachlorobutadiene	NELAP	0.617		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
Hexachlorocyclopentadiene	NELAP	0.432		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
Hexachloroethane	NELAP	0.617		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
Isophorone	NELAP	0.432		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
m,p-Cresol	NELAP	0.617		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
Nitrobenzene	NELAP	0.617		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
N-Nitrosodimethylamine	NELAP	0.617		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
N-Nitroso-di-n-propylamine	NELAP	0.617		ND	mg/Kg-dry	1	08/24/2011 13:44	70636

Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

Lab ID: 11080894-003

Client Sample ID: PA2-04 Wall

Matrix: SOLID

Collection Date: 08/15/2011 14:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
N-Nitrosodiphenylamine	NELAP	0.617		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
o-Cresol	NELAP	0.617		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
Pentachlorophenol	NELAP	2.47		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
Phenol	NELAP	0.432		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
Pyridine	NELAP	0.617		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
1,2-Diphenylhydrazine		1.04		ND	mg/Kg-dry	1	08/24/2011 13:44	70636
Surr: 2,4,6-Tribromophenol		32.7-130		84.2	%REC	1	08/24/2011 13:44	70636
Surr: 2-Fluorobiphenyl		34.1-116		77.1	%REC	1	08/24/2011 13:44	70636
Surr: 2-Fluorophenol		30.5-99		65.5	%REC	1	08/24/2011 13:44	70636
Surr: Nitrobenzene-d5		34.1-101		72.8	%REC	1	08/24/2011 13:44	70636
Surr: Phenol-d5		34.9-110		69.9	%REC	1	08/24/2011 13:44	70636
Surr: p-Terphenyl-d14		41.7-124		85.9	%REC	1	08/24/2011 13:44	70636

Note: Benzidine is currently not reportable while extraction efficiency and recovery are investigated.

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,1,1,2-Tetrachloroethane	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
1,1,1-Trichloroethane	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
1,1,2,2-Tetrachloroethane	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
1,1,2-Trichloro-1,2,2-trifluoroethane		4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
1,1,2-Trichloroethane	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
1,1-Dichloro-2-propanone		43.4		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
1,1-Dichloroethane	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
1,1-Dichloroethene	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
1,1-Dichloropropene	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
1,2,3-Trichlorobenzene	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
1,2,3-Trichloropropane	NELAP	8.7		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
1,2,3-Trimethylbenzene		4.3	J	2.5	µg/Kg-dry	1	08/22/2011 22:37	70654
1,2,4-Trichlorobenzene	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
1,2,4-Trimethylbenzene	NELAP	4.3	J	2.5	µg/Kg-dry	1	08/22/2011 22:37	70654
1,2-Dibromo-3-chloropropane	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
1,2-Dibromoethane	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
1,2-Dichlorobenzene	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
1,2-Dichloroethane	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
1,2-Dichloropropane	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
1,3,5-Trimethylbenzene	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
1,3-Dichlorobenzene	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
1,3-Dichloropropane	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
1,4-Dichlorobenzene	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
1-Chlorobutane	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
2,2-Dichloropropane	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
2-Butanone	NELAP	43.4	J	31	µg/Kg-dry	1	08/22/2011 22:37	70654
2-Chlorotoluene	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
2-Hexanone	NELAP	43.4		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
2-Nitropropane	NELAP	43.4		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
4-Chlorotoluene	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
4-Methyl-2-pentanone	NELAP	43.4		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
Acetone	NELAP	43.4		61.4	µg/Kg-dry	1	08/22/2011 22:37	70654
Acrolein	NELAP	86.8		ND	µg/Kg-dry	1	08/22/2011 22:37	70654

Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

Lab ID: 11080894-003

Client Sample ID: PA2-04 Wall

Matrix: SOLID

Collection Date: 08/15/2011 14:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acrylonitrile	NELAP	8.7		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
Allyl chloride	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
Benzene	NELAP	0.9		1.7	µg/Kg-dry	1	08/22/2011 22:37	70654
Bromobenzene	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
Bromochloromethane	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
Bromodichloromethane	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
Bromoform	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
Bromomethane	NELAP	8.7		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
Carbon disulfide	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
Carbon tetrachloride	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
Chlorobenzene	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
Chloroethane	NELAP	8.7		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
Chloroform	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
Chloromethane	NELAP	8.7		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
cis-1,2-Dichloroethene	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
cis-1,3-Dichloropropene	NELAP	3.5		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
Cyclohexanone		86.8		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
Dibromochloromethane	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
Dibromomethane	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
Dichlorodifluoromethane	NELAP	8.7		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
Ethyl acetate	NELAP	43.4		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
Ethyl ether	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
Ethyl methacrylate	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
Ethylbenzene	NELAP	4.3	J	2.0	µg/Kg-dry	1	08/22/2011 22:37	70654
Heptane		17.4		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
Hexachlorobutadiene	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
Hexachloroethane	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
Iodomethane	NELAP	8.7		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
Isopropylbenzene	NELAP	4.3		7.6	µg/Kg-dry	1	08/22/2011 22:37	70654
m,p-Xylenes	NELAP	4.3	J	2.8	µg/Kg-dry	1	08/22/2011 22:37	70654
Methacrylonitrile	NELAP	43.4		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
Methyl Methacrylate	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
Methyl tert-butyl ether	NELAP	1.7		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
Methylacrylate		8.7		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
Methylene chloride	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
Naphthalene	NELAP	8.7	J	7.8	µg/Kg-dry	1	08/22/2011 22:37	70654
n-Butylbenzene	NELAP	4.3		21.2	µg/Kg-dry	1	08/22/2011 22:37	70654
n-Hexane		17.4	J	8.1	µg/Kg-dry	1	08/22/2011 22:37	70654
Nitrobenzene	NELAP	86.8		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
n-Propylbenzene	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
o-Xylene	NELAP	4.3	J	1.4	µg/Kg-dry	1	08/22/2011 22:37	70654
Pentachloroethane	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
p-Isopropyltoluene	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
Propionitrile	NELAP	43.4		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
sec-Butylbenzene	NELAP	4.3		14.3	µg/Kg-dry	1	08/22/2011 22:37	70654
Styrene	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
tert-Butylbenzene	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654



## Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

Lab ID: 11080894-003

Client Sample ID: PA2-04 Wall

Matrix: SOLID

Collection Date: 08/15/2011 14:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Tetrachloroethene	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
Tetrahydrofuran	NELAP	43.4		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
Toluene	NELAP	4.3	J	4.0	µg/Kg-dry	1	08/22/2011 22:37	70654
trans-1,2-Dichloroethene	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
trans-1,3-Dichloropropene	NELAP	3.5		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
Trichloroethene	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
Trichlorofluoromethane	NELAP	4.3		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
Vinyl acetate	NELAP	43.4		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
Vinyl chloride	NELAP	1.7		ND	µg/Kg-dry	1	08/22/2011 22:37	70654
Surr: 1,2-Dichloroethane-d4		72.2-131		102.5	%REC	1	08/22/2011 22:37	70654
Surr: 4-Bromofluorobenzene		82.1-116		100.0	%REC	1	08/22/2011 22:37	70654
Surr: Dibromofluoromethane		77.7-120		100.3	%REC	1	08/22/2011 22:37	70654
Surr: Toluene-d8		86-116		94.2	%REC	1	08/22/2011 22:37	70654

RPD for LCS/LCSD was outside of QC limit for Dichlorodifluoromethane.

Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

Lab ID: 11080894-004

Client Sample ID: PA2-01A (10) F

Matrix: SOLID

Collection Date: 08/16/2011 9:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		15.0	%	1	08/22/2011 9:25	R153497
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.29		0.84	mg/Kg-dry	1	08/23/2011 7:46	70612
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.27		6.94	mg/Kg-dry	1	08/23/2011 18:36	70579
Barium	NELAP	0.45		42.5	mg/Kg-dry	1	08/23/2011 18:36	70579
Cadmium	NELAP	0.18		< 0.18	mg/Kg-dry	1	08/23/2011 18:36	70579
Chromium	NELAP	0.91		18.9	mg/Kg-dry	1	08/23/2011 18:36	70579
Lead	NELAP	3.64		11.9	mg/Kg-dry	1	08/23/2011 18:36	70579
Silver	NELAP	0.50		< 0.50	mg/Kg-dry	1	08/23/2011 18:36	70579
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium	7740 NELAP	0.566		< 0.566	mg/Kg-dry	1	08/24/2011 0:00	70571
<b>SW-846 7471A</b>								
Mercury	NELAP	0.011	J	0.006	mg/Kg-dry	1	08/22/2011 12:34	70573
<b>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</b>								
Diesel	NELAP	5.84		ND	mg/Kg-dry	1	08/24/2011 15:54	70600
Kerosene	NELAP	5.84		ND	mg/Kg-dry	1	08/24/2011 15:54	70600
Mineral Spirits	NELAP	5.84		ND	mg/Kg-dry	1	08/24/2011 15:54	70600
Motor Oil	NELAP	5.84		ND	mg/Kg-dry	1	08/24/2011 15:54	70600
Surr: n-Tetracontane		50.6-140		100.1	%REC	1	08/24/2011 15:54	70600
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 18:58	70637
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 18:58	70637
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 18:58	70637
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 18:58	70637
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 18:58	70637
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 18:58	70637
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 18:58	70637
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 18:58	70637
Bis(2-ethylhexyl)phthalate	NELAP	0.079		ND	mg/Kg-dry	1	08/24/2011 18:58	70637
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 18:58	70637
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 18:58	70637
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 18:58	70637
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 18:58	70637
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 18:58	70637
Naphthalene	NELAP	0.004		0.013	mg/Kg-dry	1	08/24/2011 18:58	70637
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 18:58	70637
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	08/24/2011 18:58	70637
Surr: 2-Fluorobiphenyl		10-131		70.9	%REC	1	08/24/2011 18:58	70637
Surr: Nitrobenzene-d5		10-132		77.2	%REC	1	08/24/2011 18:58	70637
Surr: p-Terphenyl-d14		80.2-138		89.8	%REC	1	08/24/2011 18:58	70637
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	0.588		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
1,2-Dichlorobenzene	NELAP	0.588		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
1,3-Dichlorobenzene	NELAP	0.588		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
1,4-Dichlorobenzene	NELAP	0.588		ND	mg/Kg-dry	1	08/24/2011 14:17	70636

Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

Lab ID: 11080894-004

Client Sample ID: PA2-01A (10) F

Matrix: SOLID

Collection Date: 08/16/2011 9:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,5-Trichlorophenol	NELAP	0.411		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
2,4,6-Trichlorophenol	NELAP	0.411		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
2,4-Dichlorophenol	NELAP	0.588		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
2,4-Dimethylphenol	NELAP	0.588		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
2,4-Dinitrophenol	NELAP	1.18		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
2,4-Dinitrotoluene	NELAP	0.411		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
2,6-Dinitrotoluene	NELAP	0.411		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
2-Chloronaphthalene	NELAP	0.411		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
2-Chlorophenol	NELAP	0.588		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
2-Methoxy-4-methylphenol		0.764		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
2-Methylnaphthalene	NELAP	0.411		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
2-Nitroaniline	NELAP	1.18		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
2-Nitrophenol	NELAP	0.411		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
3,3'-Dichlorobenzidine	NELAP	0.411		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
3-Nitroaniline	NELAP	1.18		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
4,6-Dinitro-2-methylphenol	NELAP	1.18		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
4-Bromophenyl phenyl ether	NELAP	0.411		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
4-Chloro-3-methylphenol	NELAP	0.588		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
4-Chloroaniline	NELAP	0.588		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
4-Chlorophenyl phenyl ether	NELAP	0.411		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
4-Nitroaniline	NELAP	0.588		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
4-Nitrophenol	NELAP	0.411		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
Aniline	NELAP	0.588		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
Azobenzene		0.411		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
Benzidine	NELAP	1.24		see note	mg/Kg-dry	1	08/24/2011 14:17	70636
Benzoic acid	NELAP	1.76		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
Benzyl alcohol	NELAP	0.588		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
Bis(2-chloroethoxy)methane	NELAP	0.411		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
Bis(2-chloroethyl)ether	NELAP	0.588		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
Bis(2-chloroisopropyl)ether	NELAP	0.411		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
Butyl benzyl phthalate	NELAP	0.411		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
Carbazole		0.588		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
Dibenzofuran	NELAP	0.411		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
Diethyl phthalate	NELAP	0.588		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
Dimethyl phthalate	NELAP	0.411		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
Di-n-butyl phthalate	NELAP	0.411		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
Di-n-octyl phthalate	NELAP	0.411		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
Hexachlorobenzene	NELAP	0.411		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
Hexachlorobutadiene	NELAP	0.588		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
Hexachlorocyclopentadiene	NELAP	0.411		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
Hexachloroethane	NELAP	0.588		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
Isophorone	NELAP	0.411		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
m,p-Cresol	NELAP	0.588		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
Nitrobenzene	NELAP	0.588		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
N-Nitrosodimethylamine	NELAP	0.588		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
N-Nitroso-di-n-propylamine	NELAP	0.588		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
N-Nitrosodiphenylamine	NELAP	0.588		ND	mg/Kg-dry	1	08/24/2011 14:17	70636

Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

Lab ID: 11080894-004

Client Sample ID: PA2-01A (10) F

Matrix: SOLID

Collection Date: 08/16/2011 9:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
o-Cresol	NELAP	0.588		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
Pentachlorophenol	NELAP	2.35		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
Phenol	NELAP	0.411		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
Pyridine	NELAP	0.588		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
1,2-Diphenylhydrazine		0.987		ND	mg/Kg-dry	1	08/24/2011 14:17	70636
Surr: 2,4,6-Tribromophenol		32.7-130		81.6	%REC	1	08/24/2011 14:17	70636
Surr: 2-Fluorobiphenyl		34.1-116		76.4	%REC	1	08/24/2011 14:17	70636
Surr: 2-Fluorophenol		30.5-99		65.9	%REC	1	08/24/2011 14:17	70636
Surr: Nitrobenzene-d5		34.1-101		69.6	%REC	1	08/24/2011 14:17	70636
Surr: Phenol-d5		34.9-110		69.5	%REC	1	08/24/2011 14:17	70636
Surr: p-Terphenyl-d14		41.7-124		87.0	%REC	1	08/24/2011 14:17	70636
<i>Note: Benzidine is currently not reportable while extraction efficiency and recovery are investigated.</i>								
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,1,1,2-Tetrachloroethane	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
1,1,1-Trichloroethane	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
1,1,2,2-Tetrachloroethane	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
1,1,2-Trichloro-1,2,2-trifluoroethane		51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
1,1,2-Trichloroethane	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
1,1-Dichloro-2-propanone		515		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
1,1-Dichloroethane	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
1,1-Dichloroethene	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
1,1-Dichloropropene	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
1,2,3-Trichlorobenzene	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
1,2,3-Trichloropropane	NELAP	103		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
1,2,3-Trimethylbenzene		51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
1,2,4-Trichlorobenzene	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
1,2,4-Trimethylbenzene	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
1,2-Dibromo-3-chloropropane	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
1,2-Dibromoethane	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
1,2-Dichlorobenzene	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
1,2-Dichloroethane	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
1,2-Dichloropropane	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
1,3,5-Trimethylbenzene	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
1,3-Dichlorobenzene	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
1,3-Dichloropropane	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
1,4-Dichlorobenzene	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
1-Chlorobutane	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
2,2-Dichloropropane	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
2-Butanone	NELAP	515		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
2-Chlorotoluene	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
2-Hexanone	NELAP	515		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
2-Nitropropane	NELAP	515		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
4-Chlorotoluene	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
4-Methyl-2-pentanone	NELAP	515		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
Acetone	NELAP	515		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
Acrolein	NELAP	1030		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
Acrylonitrile	NELAP	103		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655

Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

Lab ID: 11080894-004

Client Sample ID: PA2-01A (10) F

Matrix: SOLID

Collection Date: 08/16/2011 9:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Allyl chloride	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
Benzene	NELAP	10.3		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
Bromobenzene	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
Bromochloromethane	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
Bromodichloromethane	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
Bromoform	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
Bromomethane	NELAP	103		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
Carbon disulfide	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
Carbon tetrachloride	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
Chlorobenzene	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
Chloroethane	NELAP	103		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
Chloroform	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
Chloromethane	NELAP	103		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
cis-1,2-Dichloroethene	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
cis-1,3-Dichloropropene	NELAP	41.2		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
Cyclohexanone		1030		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
Dibromochloromethane	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
Dibromomethane	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
Dichlorodifluoromethane	NELAP	103		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
Ethyl acetate	NELAP	515		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
Ethyl ether	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
Ethyl methacrylate	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
Ethylbenzene	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
Heptane		206		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
Hexachlorobutadiene	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
Hexachloroethane	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
Iodomethane	NELAP	103		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
Isopropylbenzene	NELAP	51.5	J	27	µg/Kg-dry	12.5	08/23/2011 1:59	70655
m,p-Xylenes	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
Methacrylonitrile	NELAP	515		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
Methyl Methacrylate	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
Methyl tert-butyl ether	NELAP	20.6		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
Methylacrylate		103		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
Methylene chloride	NELAP	51.5	J	37	µg/Kg-dry	12.5	08/23/2011 1:59	70655
Naphthalene	NELAP	103		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
n-Butylbenzene	NELAP	51.5	J	23	µg/Kg-dry	12.5	08/23/2011 1:59	70655
n-Hexane		206		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
Nitrobenzene	NELAP	1030		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
n-Propylbenzene	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
o-Xylene	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
Pentachloroethane	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
p-Isopropyltoluene	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
Propionitrile	NELAP	515		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
sec-Butylbenzene	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
Styrene	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
tert-Butylbenzene	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
Tetrachloroethene	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655





## Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

Lab ID: 11080894-004

Client Sample ID: PA2-01A (10) F

Matrix: SOLID

Collection Date: 08/16/2011 9:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Tetrahydrofuran	NELAP	515		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
Toluene	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
trans-1,2-Dichloroethene	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
trans-1,3-Dichloropropene	NELAP	41.2		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
Trichloroethene	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
Trichlorofluoromethane	NELAP	51.5		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
Vinyl acetate	NELAP	515		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
Vinyl chloride	NELAP	20.6		ND	µg/Kg-dry	12.5	08/23/2011 1:59	70655
Surr: 1,2-Dichloroethane-d4		72.2-131		96.8	%REC	12.5	08/23/2011 1:59	70655
Surr: 4-Bromofluorobenzene		82.1-116		92.4	%REC	12.5	08/23/2011 1:59	70655
Surr: Dibromofluoromethane		77.7-120		100.1	%REC	12.5	08/23/2011 1:59	70655
Surr: Toluene-d8		86-116		94.8	%REC	12.5	08/23/2011 1:59	70655

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

Lab ID: 11080894-005

Client Sample ID: PA1-Wall

Matrix: SOLID

Collection Date: 08/16/2011 14:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		20.8	%	1	08/22/2011 9:30	R153497
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.32		2.51	mg/Kg-dry	1	08/23/2011 7:46	70612
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.50		14.0	mg/Kg-dry	1	08/23/2011 18:54	70579
Barium	NELAP	0.50		194	mg/Kg-dry	1	08/23/2011 18:54	70579
Cadmium	NELAP	0.20		0.45	mg/Kg-dry	1	08/23/2011 18:54	70579
Chromium	NELAP	1.00		21.1	mg/Kg-dry	1	08/23/2011 18:54	70579
Lead	NELAP	4.00		15.3	mg/Kg-dry	1	08/23/2011 18:54	70579
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	08/23/2011 18:54	70579
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium	7740 NELAP	0.577		< 0.577	mg/Kg-dry	1	08/24/2011 0:00	70571
<b>SW-846 7471A</b>								
Mercury	NELAP	0.012		0.027	mg/Kg-dry	1	08/22/2011 12:34	70573
<b>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</b>								
Diesel	NELAP	158	#	1900	mg/Kg-dry	25	08/24/2011 16:52	70600
Kerosene	NELAP	158		ND	mg/Kg-dry	25	08/24/2011 16:52	70600
Mineral Spirits	NELAP	158		ND	mg/Kg-dry	25	08/24/2011 16:52	70600
Motor Oil	NELAP	158		ND	mg/Kg-dry	25	08/24/2011 16:52	70600
Surr: n-Tetracontane		50.6-140		65.0	%REC	25	08/24/2011 16:52	70600
<i>Elevated reporting limit(s) due to sample extract composition.</i>								
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.107		0.380	mg/Kg-dry	25	08/25/2011 17:12	70637
Acenaphthylene	NELAP	0.107		ND	mg/Kg-dry	25	08/25/2011 17:12	70637
Anthracene	NELAP	0.107		ND	mg/Kg-dry	25	08/25/2011 17:12	70637
Benzo(a)anthracene	NELAP	0.107		ND	mg/Kg-dry	25	08/25/2011 17:12	70637
Benzo(a)pyrene	NELAP	0.107		ND	mg/Kg-dry	25	08/25/2011 17:12	70637
Benzo(b)fluoranthene	NELAP	0.107		ND	mg/Kg-dry	25	08/25/2011 17:12	70637
Benzo(g,h,i)perylene	NELAP	0.107		ND	mg/Kg-dry	25	08/25/2011 17:12	70637
Benzo(k)fluoranthene	NELAP	0.107		ND	mg/Kg-dry	25	08/25/2011 17:12	70637
Bis(2-ethylhexyl)phthalate	NELAP	2.11		ND	mg/Kg-dry	25	08/25/2011 17:12	70637
Chrysene	NELAP	0.107		ND	mg/Kg-dry	25	08/25/2011 17:12	70637
Dibenzo(a,h)anthracene	NELAP	0.107		ND	mg/Kg-dry	25	08/25/2011 17:12	70637
Fluoranthene	NELAP	0.107		ND	mg/Kg-dry	25	08/25/2011 17:12	70637
Fluorene	NELAP	0.107		0.298	mg/Kg-dry	25	08/25/2011 17:12	70637
Indeno(1,2,3-cd)pyrene	NELAP	0.107		ND	mg/Kg-dry	25	08/25/2011 17:12	70637
Naphthalene	NELAP	0.107		0.152	mg/Kg-dry	25	08/25/2011 17:12	70637
Phenanthrene	NELAP	0.107		ND	mg/Kg-dry	25	08/25/2011 17:12	70637
Pyrene	NELAP	0.107	J	0.10	mg/Kg-dry	25	08/25/2011 17:12	70637
Surr: 2-Fluorobiphenyl		10-131		89.0	%REC	25	08/25/2011 17:12	70637
Surr: Nitrobenzene-d5		10-132		73.9	%REC	25	08/25/2011 17:12	70637
Surr: p-Terphenyl-d14		80.2-138		90.0	%REC	25	08/25/2011 17:12	70637
<i>Elevated reporting limit(s) due to sample extract composition.</i>								
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	0.630		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
1,2-Dichlorobenzene	NELAP	0.630		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
1,3-Dichlorobenzene	NELAP	0.630		ND	mg/Kg-dry	1	08/24/2011 15:59	70636

Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

Lab ID: 11080894-005

Client Sample ID: PA1-Wall

Matrix: SOLID

Collection Date: 08/16/2011 14:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,4-Dichlorobenzene	NELAP	0.630		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
2,4,5-Trichlorophenol	NELAP	0.441		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
2,4,6-Trichlorophenol	NELAP	0.441		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
2,4-Dichlorophenol	NELAP	0.630		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
2,4-Dimethylphenol	NELAP	0.630		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
2,4-Dinitrophenol	NELAP	1.26		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
2,4-Dinitrotoluene	NELAP	0.441		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
2,6-Dinitrotoluene	NELAP	0.441		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
2-Chloronaphthalene	NELAP	0.441		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
2-Chlorophenol	NELAP	0.630		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
2-Methoxy-4-methylphenol		0.819		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
2-Methylnaphthalene	NELAP	0.441		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
2-Nitroaniline	NELAP	1.26		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
2-Nitrophenol	NELAP	0.441		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
3,3'-Dichlorobenzidine	NELAP	0.441		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
3-Nitroaniline	NELAP	1.26		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
4,6-Dinitro-2-methylphenol	NELAP	1.26		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
4-Bromophenyl phenyl ether	NELAP	0.441		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
4-Chloro-3-methylphenol	NELAP	0.630		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
4-Chloroaniline	NELAP	0.630		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
4-Chlorophenyl phenyl ether	NELAP	0.441		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
4-Nitroaniline	NELAP	0.630		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
4-Nitrophenol	NELAP	0.441		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
Aniline	NELAP	0.630		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
Azobenzene		0.441		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
Benzidine	NELAP	1.33		see note	mg/Kg-dry	1	08/24/2011 15:59	70636
Benzoic acid	NELAP	1.89		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
Benzyl alcohol	NELAP	0.630		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
Bis(2-chloroethoxy)methane	NELAP	0.441		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
Bis(2-chloroethyl)ether	NELAP	0.630		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
Bis(2-chloroisopropyl)ether	NELAP	0.441		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
Butyl benzyl phthalate	NELAP	0.441		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
Carbazole		0.630		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
Dibenzofuran	NELAP	0.441	J	0.22	mg/Kg-dry	1	08/24/2011 15:59	70636
Diethyl phthalate	NELAP	0.630		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
Dimethyl phthalate	NELAP	0.441		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
Di-n-butyl phthalate	NELAP	0.441		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
Di-n-octyl phthalate	NELAP	0.441		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
Hexachlorobenzene	NELAP	0.441		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
Hexachlorobutadiene	NELAP	0.630		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
Hexachlorocyclopentadiene	NELAP	0.441		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
Hexachloroethane	NELAP	0.630		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
Isophorone	NELAP	0.441		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
m,p-Cresol	NELAP	0.630		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
Nitrobenzene	NELAP	0.630		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
N-Nitrosodimethylamine	NELAP	0.630		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
N-Nitroso-di-n-propylamine	NELAP	0.630		ND	mg/Kg-dry	1	08/24/2011 15:59	70636

Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

Lab ID: 11080894-005

Client Sample ID: PA1-Wall

Matrix: SOLID

Collection Date: 08/16/2011 14:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
N-Nitrosodiphenylamine	NELAP	0.630		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
o-Cresol	NELAP	0.630		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
Pentachlorophenol	NELAP	2.52		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
Phenol	NELAP	0.441		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
Pyridine	NELAP	0.630		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
1,2-Diphenylhydrazine		1.06		ND	mg/Kg-dry	1	08/24/2011 15:59	70636
Surr: 2,4,6-Tribromophenol		32.7-130		95.8	%REC	1	08/24/2011 15:59	70636
Surr: 2-Fluorobiphenyl		34.1-116		73.7	%REC	1	08/24/2011 15:59	70636
Surr: 2-Fluorophenol		30.5-99		71.7	%REC	1	08/24/2011 15:59	70636
Surr: Nitrobenzene-d5		34.1-101	S	108.3	%REC	1	08/24/2011 15:59	70636
Surr: Phenol-d5		34.9-110		75.4	%REC	1	08/24/2011 15:59	70636
Surr: p-Terphenyl-d14		41.7-124		102.9	%REC	1	08/24/2011 15:59	70636

Surrogate recovery was outside QC limits due to matrix interference.

Note: Benzidine is currently not reportable while extraction efficiency and recovery are investigated.

<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,1,1,2-Tetrachloroethane	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
1,1,1-Trichloroethane	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
1,1,2,2-Tetrachloroethane	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
1,1,2-Trichloro-1,2,2-trifluoroethane		270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
1,1,2-Trichloroethane	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
1,1-Dichloro-2-propanone		2700		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
1,1-Dichloroethane	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
1,1-Dichloroethene	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
1,1-Dichloropropene	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
1,2,3-Trichlorobenzene	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
1,2,3-Trichloropropane	NELAP	539		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
1,2,3-Trimethylbenzene		270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
1,2,4-Trichlorobenzene	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
1,2,4-Trimethylbenzene	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
1,2-Dibromo-3-chloropropane	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
1,2-Dibromoethane	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
1,2-Dichlorobenzene	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
1,2-Dichloroethane	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
1,2-Dichloropropane	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
1,3,5-Trimethylbenzene	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
1,3-Dichlorobenzene	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
1,3-Dichloropropane	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
1,4-Dichlorobenzene	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
1-Chlorobutane	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
2,2-Dichloropropane	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
2-Butanone	NELAP	2700		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
2-Chlorotoluene	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
2-Hexanone	NELAP	2700		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
2-Nitropropane	NELAP	2700		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
4-Chlorotoluene	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
4-Methyl-2-pentanone	NELAP	2700		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
Acetone	NELAP	2700		ND	µg/Kg-dry	25	08/22/2011 15:50	70648

Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

Lab ID: 11080894-005

Client Sample ID: PA1-Wall

Matrix: SOLID

Collection Date: 08/16/2011 14:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acrolein	NELAP	5390		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
Acrylonitrile	NELAP	539		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
Allyl chloride	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
Benzene	NELAP	53.9		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
Bromobenzene	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
Bromochloromethane	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
Bromodichloromethane	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
Bromoform	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
Bromomethane	NELAP	539		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
Carbon disulfide	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
Carbon tetrachloride	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
Chlorobenzene	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
Chloroethane	NELAP	539		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
Chloroform	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
Chloromethane	NELAP	539		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
cis-1,2-Dichloroethene	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
cis-1,3-Dichloropropene	NELAP	216		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
Cyclohexanone		5390		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
Dibromochloromethane	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
Dibromomethane	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
Dichlorodifluoromethane	NELAP	539		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
Ethyl acetate	NELAP	2700		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
Ethyl ether	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
Ethyl methacrylate	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
Ethylbenzene	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
Heptane		1080		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
Hexachlorobutadiene	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
Hexachloroethane	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
Iodomethane	NELAP	539		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
Isopropylbenzene	NELAP	270	J	100	µg/Kg-dry	25	08/22/2011 15:50	70648
m,p-Xylenes	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
Methacrylonitrile	NELAP	2700		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
Methyl Methacrylate	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
Methyl tert-butyl ether	NELAP	108		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
Methylacrylate		539		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
Methylene chloride	NELAP	270	J	120	µg/Kg-dry	25	08/22/2011 15:50	70648
Naphthalene	NELAP	539	J	240	µg/Kg-dry	25	08/22/2011 15:50	70648
n-Butylbenzene	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
n-Hexane		1080		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
Nitrobenzene	NELAP	5390		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
n-Propylbenzene	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
o-Xylene	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
Pentachloroethane	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
p-Isopropyltoluene	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
Propionitrile	NELAP	2700		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
sec-Butylbenzene	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
Styrene	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080894

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 30-Aug-11

**Lab ID:** 11080894-005

**Client Sample ID:** PA1-Wall

**Matrix:** SOLID

**Collection Date:** 08/16/2011 14:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
tert-Butylbenzene	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
Tetrachloroethene	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
Tetrahydrofuran	NELAP	2700		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
Toluene	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
trans-1,2-Dichloroethene	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
trans-1,3-Dichloropropene	NELAP	216		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
Trichloroethene	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
Trichlorofluoromethane	NELAP	270		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
Vinyl acetate	NELAP	2700		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
Vinyl chloride	NELAP	108		ND	µg/Kg-dry	25	08/22/2011 15:50	70648
Surr: 1,2-Dichloroethane-d4		72.2-131		96.1	%REC	25	08/22/2011 15:50	70648
Surr: 4-Bromofluorobenzene		82.1-116		101.3	%REC	25	08/22/2011 15:50	70648
Surr: Dibromofluoromethane		77.7-120		98.8	%REC	25	08/22/2011 15:50	70648
Surr: Toluene-d8		86-116		91.6	%REC	25	08/22/2011 15:50	70648

*Elevated reporting limits due to high levels in the OA1 range.*

Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

Lab ID: 11080894-006

Client Sample ID: PA4-06 (3)

Matrix: SOLID

Collection Date: 08/17/2011 8:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		63.4	%	1	08/22/2011 9:30	R153497

**SW-846 3050B, METALS BY GFAA**

Selenium	7740	NELAP	3.00	< 3.00	mg/Kg-dry	5	08/25/2011 12:00	70571
----------	------	-------	------	--------	-----------	---	------------------	-------

Se - Elevated reporting limit due to sample composition.

**SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS**

2-Methylnaphthalene	NELAP	12.0		ND	mg/Kg-dry	250	08/25/2011 15:55	70637
Acenaphthene	NELAP	13.6		ND	mg/Kg-dry	250	08/25/2011 15:55	70637
Acenaphthylene	NELAP	13.6		37.2	mg/Kg-dry	250	08/25/2011 15:55	70637
Anthracene	NELAP	13.6		19.2	mg/Kg-dry	250	08/25/2011 15:55	70637
Benzo(a)anthracene	NELAP	13.6		48.4	mg/Kg-dry	250	08/25/2011 15:55	70637
Benzo(a)pyrene	NELAP	13.6		83.8	mg/Kg-dry	250	08/25/2011 15:55	70637
Benzo(b)fluoranthene	NELAP	13.6		184	mg/Kg-dry	250	08/25/2011 15:55	70637
Benzo(g,h,i)perylene	NELAP	13.6		93.3	mg/Kg-dry	250	08/25/2011 15:55	70637
Benzo(k)fluoranthene	NELAP	13.6		78.7	mg/Kg-dry	250	08/25/2011 15:55	70637
Bis(2-ethylhexyl)phthalate	NELAP	269		ND	mg/Kg-dry	250	08/25/2011 15:55	70637
Chrysene	NELAP	13.6		39.0	mg/Kg-dry	250	08/25/2011 15:55	70637
Dibenzo(a,h)anthracene	NELAP	13.6		31.9	mg/Kg-dry	250	08/25/2011 15:55	70637
Fluoranthene	NELAP	13.6		59.8	mg/Kg-dry	250	08/25/2011 15:55	70637
Fluorene	NELAP	13.6		ND	mg/Kg-dry	250	08/25/2011 15:55	70637
Indeno(1,2,3-cd)pyrene	NELAP	13.6		104	mg/Kg-dry	250	08/25/2011 15:55	70637
Naphthalene	NELAP	13.6		18.6	mg/Kg-dry	250	08/25/2011 15:55	70637
Phenanthrene	NELAP	13.6		28.3	mg/Kg-dry	250	08/25/2011 15:55	70637
Pyrene	NELAP	13.6		73.1	mg/Kg-dry	250	08/25/2011 15:55	70637
Surr: 2-Fluorobiphenyl		10-131		68.0	%REC	250	08/25/2011 15:55	70637
Surr: Nitrobenzene-d5		10-132		64.0	%REC	250	08/25/2011 15:55	70637
Surr: p-Terphenyl-d14		80.2-138		84.0	%REC	250	08/25/2011 15:55	70637

Elevated reporting limit(s) due to sample extract composition.

**SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS**

1,2,4-Trichlorobenzene	NELAP	201		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
1,2-Dichlorobenzene	NELAP	201		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
1,3-Dichlorobenzene	NELAP	201		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
1,4-Dichlorobenzene	NELAP	201		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
2,4,5-Trichlorophenol	NELAP	140		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
2,4,6-Trichlorophenol	NELAP	140		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
2,4-Dichlorophenol	NELAP	201		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
2,4-Dimethylphenol	NELAP	201		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
2,4-Dinitrophenol	NELAP	401		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
2,4-Dinitrotoluene	NELAP	140		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
2,6-Dinitrotoluene	NELAP	140		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
2-Chloronaphthalene	NELAP	140		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
2-Chlorophenol	NELAP	201		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
2-Methoxy-4-methylphenol		261		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
2-Nitroaniline	NELAP	401		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
2-Nitrophenol	NELAP	140		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
3,3'-Dichlorobenzidine	NELAP	140		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
3-Nitroaniline	NELAP	401		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
4,6-Dinitro-2-methylphenol	NELAP	401		ND	mg/Kg-dry	25	08/24/2011 18:44	70636

Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

Lab ID: 11080894-006

Client Sample ID: PA4-06 (3)

Matrix: SOLID

Collection Date: 08/17/2011 8:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
4-Bromophenyl phenyl ether	NELAP	140		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
4-Chloro-3-methylphenol	NELAP	201		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
4-Chloroaniline	NELAP	201		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
4-Chlorophenyl phenyl ether	NELAP	140		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
4-Nitroaniline	NELAP	201		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
4-Nitrophenol	NELAP	140		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
Aniline	NELAP	201		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
Azobenzene		140		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
Benzidine	NELAP	423		see note	mg/Kg-dry	25	08/24/2011 18:44	70636
Benzoic acid	NELAP	602		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
Benzyl alcohol	NELAP	201		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
Bis(2-chloroethoxy)methane	NELAP	140		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
Bis(2-chloroethyl)ether	NELAP	201		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
Bis(2-chloroisopropyl)ether	NELAP	140		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
Butyl benzyl phthalate	NELAP	140		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
Carbazole		201		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
Dibenzofuran	NELAP	140		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
Diethyl phthalate	NELAP	201		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
Dimethyl phthalate	NELAP	140		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
Di-n-butyl phthalate	NELAP	140		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
Di-n-octyl phthalate	NELAP	140		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
Hexachlorobenzene	NELAP	140		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
Hexachlorobutadiene	NELAP	201		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
Hexachlorocyclopentadiene	NELAP	140		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
Hexachloroethane	NELAP	201		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
Isophorone	NELAP	140		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
m,p-Cresol	NELAP	201		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
Nitrobenzene	NELAP	201		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
N-Nitrosodimethylamine	NELAP	201		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
N-Nitroso-di-n-propylamine	NELAP	201		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
N-Nitrosodiphenylamine	NELAP	201		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
o-Cresol	NELAP	201		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
Pentachlorophenol	NELAP	802		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
Phenol	NELAP	140		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
Pyridine	NELAP	201		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
1,2-Diphenylhydrazine		337		ND	mg/Kg-dry	25	08/24/2011 18:44	70636
Surr: 2,4,6-Tribromophenol		32.7-130		49.5	%REC	25	08/24/2011 18:44	70636
Surr: 2-Fluorobiphenyl		34.1-116		55.3	%REC	25	08/24/2011 18:44	70636
Surr: 2-Fluorophenol		30.5-99		47.4	%REC	25	08/24/2011 18:44	70636
Surr: Nitrobenzene-d5		34.1-101		44.8	%REC	25	08/24/2011 18:44	70636
Surr: Phenol-d5		34.9-110		46.5	%REC	25	08/24/2011 18:44	70636
Surr: p-Terphenyl-d14		41.7-124		59.7	%REC	25	08/24/2011 18:44	70636

Note: Benzidine is currently not reportable while extraction efficiency and recovery are investigated.

Elevated reporting limit(s) due to sample extract composition.

### SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Benzene	NELAP	302		604	µg/Kg-dry	50	08/27/2011 0:36	70809
Ethylbenzene	NELAP	1510		ND	µg/Kg-dry	50	08/27/2011 0:36	70809





## Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

Lab ID: 11080894-006

Client Sample ID: PA4-06 (3)

Matrix: SOLID

Collection Date: 08/17/2011 8:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Toluene	NELAP	1510	J	850	µg/Kg-dry	50	08/27/2011 0:36	70809
Xylenes, Total	NELAP	1510	J	1100	µg/Kg-dry	50	08/27/2011 0:36	70809
Surr: 1,2-Dichloroethane-d4		72.2-131		103.6	%REC	50	08/27/2011 0:36	70809
Surr: 4-Bromofluorobenzene		82.1-116		104.5	%REC	50	08/27/2011 0:36	70809
Surr: Dibromofluoromethane		77.7-120		105.5	%REC	50	08/27/2011 0:36	70809
Surr: Toluene-d8		86-116		101.4	%REC	50	08/27/2011 0:36	70809

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

Lab ID: 11080894-007

Client Sample ID: PA4-04 (3)

Matrix: SOLID

Collection Date: 08/17/2011 10:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		29.6	%	1	08/22/2011 9:31	R153497

**SW-846 3050B, METALS BY GFAA**

Selenium	7740	NELAP	3.00	J	2.7	mg/Kg-dry	5	08/25/2011 12:03	70571
----------	------	-------	------	---	-----	-----------	---	------------------	-------

Se - Elevated reporting limit due to sample composition.

**SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS**

2-Methylnaphthalene	NELAP	2.42		6.45	mg/Kg-dry	100	08/25/2011 16:33	70637
Acenaphthene	NELAP	2.74		30.3	mg/Kg-dry	100	08/25/2011 16:33	70637
Acenaphthylene	NELAP	2.74		8.15	mg/Kg-dry	100	08/25/2011 16:33	70637
Anthracene	NELAP	2.74		58.6	mg/Kg-dry	100	08/25/2011 16:33	70637
Benzo(a)anthracene	NELAP	2.74		74.2	mg/Kg-dry	100	08/25/2011 16:33	70637
Benzo(a)pyrene	NELAP	2.74		69.7	mg/Kg-dry	100	08/25/2011 16:33	70637
Benzo(b)fluoranthene	NELAP	2.74		84.0	mg/Kg-dry	100	08/25/2011 16:33	70637
Benzo(g,h,i)perylene	NELAP	2.74		31.2	mg/Kg-dry	100	08/25/2011 16:33	70637
Benzo(k)fluoranthene	NELAP	2.74		34.3	mg/Kg-dry	100	08/25/2011 16:33	70637
Bis(2-ethylhexyl)phthalate	NELAP	54.1		ND	mg/Kg-dry	100	08/25/2011 16:33	70637
Chrysene	NELAP	2.74		70.3	mg/Kg-dry	100	08/25/2011 16:33	70637
Dibenzo(a,h)anthracene	NELAP	2.74		8.20	mg/Kg-dry	100	08/25/2011 16:33	70637
Fluoranthene	NELAP	2.74		187	mg/Kg-dry	100	08/25/2011 16:33	70637
Fluorene	NELAP	2.74		47.3	mg/Kg-dry	100	08/25/2011 16:33	70637
Indeno(1,2,3-cd)pyrene	NELAP	2.74		29.8	mg/Kg-dry	100	08/25/2011 16:33	70637
Naphthalene	NELAP	2.74		22.3	mg/Kg-dry	100	08/25/2011 16:33	70637
Phenanthrene	NELAP	2.74		151	mg/Kg-dry	100	08/25/2011 16:33	70637
Pyrene	NELAP	2.74		155	mg/Kg-dry	100	08/25/2011 16:33	70637
Surr: 2-Fluorobiphenyl		10-131		89.6	%REC	100	08/25/2011 16:33	70637
Surr: Nitrobenzene-d5		10-132		78.0	%REC	100	08/25/2011 16:33	70637
Surr: p-Terphenyl-d14		80.2-138		110.8	%REC	100	08/25/2011 16:33	70637

Elevated reporting limit(s) due to sample extract composition.

**SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS**

1,2,4-Trichlorobenzene	NELAP	40.3		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
1,2-Dichlorobenzene	NELAP	40.3		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
1,3-Dichlorobenzene	NELAP	40.3		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
1,4-Dichlorobenzene	NELAP	40.3		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
2,4,5-Trichlorophenol	NELAP	28.2		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
2,4,6-Trichlorophenol	NELAP	28.2		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
2,4-Dichlorophenol	NELAP	40.3		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
2,4-Dimethylphenol	NELAP	40.3		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
2,4-Dinitrophenol	NELAP	80.7		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
2,4-Dinitrotoluene	NELAP	28.2		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
2,6-Dinitrotoluene	NELAP	28.2		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
2-Chloronaphthalene	NELAP	28.2		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
2-Chlorophenol	NELAP	40.3		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
2-Methoxy-4-methylphenol		52.4		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
2-Nitroaniline	NELAP	80.7		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
2-Nitrophenol	NELAP	28.2		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
3,3'-Dichlorobenzidine	NELAP	28.2		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
3-Nitroaniline	NELAP	80.7		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
4,6-Dinitro-2-methylphenol	NELAP	80.7		ND	mg/Kg-dry	10	08/24/2011 19:17	70636

Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

Lab ID: 11080894-007

Client Sample ID: PA4-04 (3)

Matrix: SOLID

Collection Date: 08/17/2011 10:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
4-Bromophenyl phenyl ether	NELAP	28.2		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
4-Chloro-3-methylphenol	NELAP	40.3		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
4-Chloroaniline	NELAP	40.3		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
4-Chlorophenyl phenyl ether	NELAP	28.2		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
4-Nitroaniline	NELAP	40.3		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
4-Nitrophenol	NELAP	28.2		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
Aniline	NELAP	40.3		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
Azobenzene		28.2		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
Benzidine	NELAP	85.2		see note	mg/Kg-dry	10	08/24/2011 19:17	70636
Benzoic acid	NELAP	121		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
Benzyl alcohol	NELAP	40.3		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
Bis(2-chloroethoxy)methane	NELAP	28.2		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
Bis(2-chloroethyl)ether	NELAP	40.3		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
Bis(2-chloroisopropyl)ether	NELAP	28.2		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
Butyl benzyl phthalate	NELAP	28.2		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
Carbazole		40.3	J	12	mg/Kg-dry	10	08/24/2011 19:17	70636
Dibenzofuran	NELAP	28.2		33.6	mg/Kg-dry	10	08/24/2011 19:17	70636
Diethyl phthalate	NELAP	40.3		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
Dimethyl phthalate	NELAP	28.2		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
Di-n-butyl phthalate	NELAP	28.2		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
Di-n-octyl phthalate	NELAP	28.2		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
Hexachlorobenzene	NELAP	28.2		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
Hexachlorobutadiene	NELAP	40.3		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
Hexachlorocyclopentadiene	NELAP	28.2		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
Hexachloroethane	NELAP	40.3		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
Isophorone	NELAP	28.2		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
m,p-Cresol	NELAP	40.3		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
Nitrobenzene	NELAP	40.3		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
N-Nitrosodimethylamine	NELAP	40.3		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
N-Nitroso-di-n-propylamine	NELAP	40.3		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
N-Nitrosodiphenylamine	NELAP	40.3		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
o-Cresol	NELAP	40.3		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
Pentachlorophenol	NELAP	161		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
Phenol	NELAP	28.2		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
Pyridine	NELAP	40.3		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
1,2-Diphenylhydrazine		67.8		ND	mg/Kg-dry	10	08/24/2011 19:17	70636
Surr: 2,4,6-Tribromophenol		32.7-130		81.2	%REC	10	08/24/2011 19:17	70636
Surr: 2-Fluorobiphenyl		34.1-116		86.9	%REC	10	08/24/2011 19:17	70636
Surr: 2-Fluorophenol		30.5-99		70.8	%REC	10	08/24/2011 19:17	70636
Surr: Nitrobenzene-d5		34.1-101		88.7	%REC	10	08/24/2011 19:17	70636
Surr: Phenol-d5		34.9-110		72.8	%REC	10	08/24/2011 19:17	70636
Surr: p-Terphenyl-d14		41.7-124		90.3	%REC	10	08/24/2011 19:17	70636

Note: Benzidine is currently not reportable while extraction efficiency and recovery are investigated.

Elevated reporting limit(s) due to sample extract composition.

### SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Benzene	NELAP	2740		32200	µg/Kg-dry	500	08/22/2011 16:47	70648
Ethylbenzene	NELAP	13700	J	5200	µg/Kg-dry	500	08/22/2011 16:47	70648



# Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080894

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 30-Aug-11

**Lab ID:** 11080894-007

**Client Sample ID:** PA4-04 (3)

**Matrix:** SOLID

**Collection Date:** 08/17/2011 10:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Toluene	NELAP	13700	J	<b>8300</b>	µg/Kg-dry	500	08/22/2011 16:47	70648
Xylenes, Total	NELAP	13700		<b>23000</b>	µg/Kg-dry	500	08/22/2011 16:47	70648
Surr: 1,2-Dichloroethane-d4		72.2-131		<b>98.7</b>	%REC	500	08/22/2011 16:47	70648
Surr: 4-Bromofluorobenzene		82.1-116		<b>98.9</b>	%REC	500	08/22/2011 16:47	70648
Surr: Dibromofluoromethane		77.7-120		<b>100.3</b>	%REC	500	08/22/2011 16:47	70648
Surr: Toluene-d8		86-116		<b>96.4</b>	%REC	500	08/22/2011 16:47	70648

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

Lab ID: 11080894-008

Client Sample ID: PA4-03 (3)

Matrix: SOLID

Collection Date: 08/17/2011 13:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		26.2	%	1	08/22/2011 9:31	R153497
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium	7740	NELAP	0.545	< 0.545	mg/Kg-dry	1	08/24/2011 0:00	70571
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2-Methylnaphthalene	NELAP	0.231		4.70	mg/Kg-dry	10	08/25/2011 18:28	70637
Acenaphthene	NELAP	0.261		12.6	mg/Kg-dry	10	08/25/2011 18:28	70637
Acenaphthylene	NELAP	0.261		ND	mg/Kg-dry	10	08/25/2011 18:28	70637
Anthracene	NELAP	0.261		12.4	mg/Kg-dry	10	08/25/2011 18:28	70637
Benzo(a)anthracene	NELAP	0.261		7.70	mg/Kg-dry	10	08/25/2011 18:28	70637
Benzo(a)pyrene	NELAP	0.261		4.35	mg/Kg-dry	10	08/25/2011 18:28	70637
Benzo(b)fluoranthene	NELAP	0.261		5.17	mg/Kg-dry	10	08/25/2011 18:28	70637
Benzo(g,h,i)perylene	NELAP	0.261		1.56	mg/Kg-dry	10	08/25/2011 18:28	70637
Benzo(k)fluoranthene	NELAP	0.261		2.03	mg/Kg-dry	10	08/25/2011 18:28	70637
Bis(2-ethylhexyl)phthalate	NELAP	5.15		ND	mg/Kg-dry	10	08/25/2011 18:28	70637
Chrysene	NELAP	0.261		6.89	mg/Kg-dry	10	08/25/2011 18:28	70637
Dibenzo(a,h)anthracene	NELAP	0.261		0.443	mg/Kg-dry	10	08/25/2011 18:28	70637
Fluoranthene	NELAP	0.261		22.7	mg/Kg-dry	10	08/25/2011 18:28	70637
Fluorene	NELAP	0.261		17.0	mg/Kg-dry	10	08/25/2011 18:28	70637
Indeno(1,2,3-cd)pyrene	NELAP	0.261		1.69	mg/Kg-dry	10	08/25/2011 18:28	70637
Naphthalene	NELAP	0.261		8.56	mg/Kg-dry	10	08/25/2011 18:28	70637
Phenanthrene	NELAP	0.261		23.3	mg/Kg-dry	10	08/25/2011 18:28	70637
Pyrene	NELAP	0.261		19.7	mg/Kg-dry	10	08/25/2011 18:28	70637
Surr: 2-Fluorobiphenyl		10-131		86.5	%REC	10	08/25/2011 18:28	70637
Surr: Nitrobenzene-d5		10-132		85.7	%REC	10	08/25/2011 18:28	70637
Surr: p-Terphenyl-d14		80.2-138		90.5	%REC	10	08/25/2011 18:28	70637

Elevated reporting limit(s) due to sample extract composition.

**SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS**

1,2,4-Trichlorobenzene	NELAP	3.84		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
1,2-Dichlorobenzene	NELAP	3.84		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
1,3-Dichlorobenzene	NELAP	3.84		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
1,4-Dichlorobenzene	NELAP	3.84		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
2,4,5-Trichlorophenol	NELAP	2.69		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
2,4,6-Trichlorophenol	NELAP	2.69		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
2,4-Dichlorophenol	NELAP	3.84		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
2,4-Dimethylphenol	NELAP	3.84		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
2,4-Dinitrophenol	NELAP	7.69		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
2,4-Dinitrotoluene	NELAP	2.69		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
2,6-Dinitrotoluene	NELAP	2.69		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
2-Chloronaphthalene	NELAP	2.69		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
2-Chlorophenol	NELAP	3.84		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
2-Methoxy-4-methylphenol		5.00		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
2-Nitroaniline	NELAP	7.69		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
2-Nitrophenol	NELAP	2.69		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
3,3'-Dichlorobenzidine	NELAP	2.69		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
3-Nitroaniline	NELAP	7.69		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
4,6-Dinitro-2-methylphenol	NELAP	7.69		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
4-Bromophenyl phenyl ether	NELAP	2.69		ND	mg/Kg-dry	1	08/24/2011 19:49	70636

Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

Lab ID: 11080894-008

Client Sample ID: PA4-03 (3)

Matrix: SOLID

Collection Date: 08/17/2011 13:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
4-Chloro-3-methylphenol	NELAP	3.84		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
4-Chloroaniline	NELAP	3.84		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
4-Chlorophenyl phenyl ether	NELAP	2.69		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
4-Nitroaniline	NELAP	3.84		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
4-Nitrophenol	NELAP	2.69		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
Aniline	NELAP	3.84		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
Azobenzene		2.69		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
Benzidine	NELAP	8.12		see note	mg/Kg-dry	1	08/24/2011 19:49	70636
Benzoic acid	NELAP	11.5		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
Benzyl alcohol	NELAP	3.84		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
Bis(2-chloroethoxy)methane	NELAP	2.69		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
Bis(2-chloroethyl)ether	NELAP	3.84		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
Bis(2-chloroisopropyl)ether	NELAP	2.69		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
Butyl benzyl phthalate	NELAP	2.69		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
Carbazole		3.84		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
Dibenzofuran	NELAP	2.69		7.79	mg/Kg-dry	1	08/24/2011 19:49	70636
Diethyl phthalate	NELAP	3.84		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
Dimethyl phthalate	NELAP	2.69		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
Di-n-butyl phthalate	NELAP	2.69		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
Di-n-octyl phthalate	NELAP	2.69		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
Hexachlorobenzene	NELAP	2.69		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
Hexachlorobutadiene	NELAP	3.84		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
Hexachlorocyclopentadiene	NELAP	2.69		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
Hexachloroethane	NELAP	3.84		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
Isophorone	NELAP	2.69		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
m,p-Cresol	NELAP	3.84		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
Nitrobenzene	NELAP	3.84		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
N-Nitrosodimethylamine	NELAP	3.84		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
N-Nitroso-di-n-propylamine	NELAP	3.84		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
N-Nitrosodiphenylamine	NELAP	3.84		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
o-Cresol	NELAP	3.84		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
Pentachlorophenol	NELAP	15.4		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
Phenol	NELAP	2.69		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
Pyridine	NELAP	3.84		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
1,2-Diphenylhydrazine		6.46		ND	mg/Kg-dry	1	08/24/2011 19:49	70636
Surr: 2,4,6-Tribromophenol		32.7-130		81.1	%REC	1	08/24/2011 19:49	70636
Surr: 2-Fluorobiphenyl		34.1-116		75.1	%REC	1	08/24/2011 19:49	70636
Surr: 2-Fluorophenol		30.5-99		71.8	%REC	1	08/24/2011 19:49	70636
Surr: Nitrobenzene-d5		34.1-101		81.2	%REC	1	08/24/2011 19:49	70636
Surr: Phenol-d5		34.9-110		74.2	%REC	1	08/24/2011 19:49	70636
Surr: p-Terphenyl-d14		41.7-124		103.6	%REC	1	08/24/2011 19:49	70636

Note: Benzidine is currently not reportable while extraction efficiency and recovery are investigated.

### SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Benzene	NELAP	3120		4900	µg/Kg-dry	500	08/22/2011 17:15	70648
Ethylbenzene	NELAP	15600	J	5100	µg/Kg-dry	500	08/22/2011 17:15	70648
Toluene	NELAP	15600	J	4000	µg/Kg-dry	500	08/22/2011 17:15	70648
Xylenes, Total	NELAP	15600		25800	µg/Kg-dry	500	08/22/2011 17:15	70648



## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080894

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 30-Aug-11

**Lab ID:** 11080894-008

**Client Sample ID:** PA4-03 (3)

**Matrix:** SOLID

**Collection Date:** 08/17/2011 13:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Surr: 1,2-Dichloroethane-d4		72.2-131		<b>100.1</b>	%REC	500	08/22/2011 17:15	70648
Surr: 4-Bromofluorobenzene		82.1-116		<b>100.2</b>	%REC	500	08/22/2011 17:15	70648
Surr: Dibromofluoromethane		77.7-120		<b>100.5</b>	%REC	500	08/22/2011 17:15	70648
Surr: Toluene-d8		86-116		<b>95.9</b>	%REC	500	08/22/2011 17:15	70648

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

Lab ID: 11080894-009

Client Sample ID: PA4-02 (3)

Matrix: SOLID

Collection Date: 08/18/2011 8:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		25.1	%	1	08/22/2011 9:32	R153497
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium	7740	NELAP	0.588	1.42	mg/Kg-dry	1	08/24/2011 0:00	70571
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2-Methylnaphthalene	NELAP	0.229		3.02	mg/Kg-dry	10	08/25/2011 19:05	70637
Acenaphthene	NELAP	0.260		20.1	mg/Kg-dry	10	08/25/2011 19:05	70637
Acenaphthylene	NELAP	0.260		1.91	mg/Kg-dry	10	08/25/2011 19:05	70637
Anthracene	NELAP	0.260		16.9	mg/Kg-dry	10	08/25/2011 19:05	70637
Benzo(a)anthracene	NELAP	0.260		10.9	mg/Kg-dry	10	08/25/2011 19:05	70637
Benzo(a)pyrene	NELAP	0.260		7.18	mg/Kg-dry	10	08/25/2011 19:05	70637
Benzo(b)fluoranthene	NELAP	0.260		9.08	mg/Kg-dry	10	08/25/2011 19:05	70637
Benzo(g,h,i)perylene	NELAP	0.260		2.10	mg/Kg-dry	10	08/25/2011 19:05	70637
Benzo(k)fluoranthene	NELAP	0.260		3.09	mg/Kg-dry	10	08/25/2011 19:05	70637
Bis(2-ethylhexyl)phthalate	NELAP	5.12		ND	mg/Kg-dry	10	08/25/2011 19:05	70637
Chrysene	NELAP	0.260		11.0	mg/Kg-dry	10	08/25/2011 19:05	70637
Dibenzo(a,h)anthracene	NELAP	0.260		0.772	mg/Kg-dry	10	08/25/2011 19:05	70637
Fluoranthene	NELAP	0.260		37.6	mg/Kg-dry	10	08/25/2011 19:05	70637
Fluorene	NELAP	0.260		25.3	mg/Kg-dry	10	08/25/2011 19:05	70637
Indeno(1,2,3-cd)pyrene	NELAP	0.260		2.31	mg/Kg-dry	10	08/25/2011 19:05	70637
Naphthalene	NELAP	0.260		5.97	mg/Kg-dry	10	08/25/2011 19:05	70637
Phenanthrene	NELAP	0.260		37.1	mg/Kg-dry	10	08/25/2011 19:05	70637
Pyrene	NELAP	0.260		33.0	mg/Kg-dry	10	08/25/2011 19:05	70637
Surr: 2-Fluorobiphenyl		10-131		91.7	%REC	10	08/25/2011 19:05	70637
Surr: Nitrobenzene-d5		10-132		72.4	%REC	10	08/25/2011 19:05	70637
Surr: p-Terphenyl-d14		80.2-138		112.6	%REC	10	08/25/2011 19:05	70637

Elevated reporting limit(s) due to sample extract composition.

<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	3.82		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
1,2-Dichlorobenzene	NELAP	3.82		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
1,3-Dichlorobenzene	NELAP	3.82		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
1,4-Dichlorobenzene	NELAP	3.82		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
2,4,5-Trichlorophenol	NELAP	2.67		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
2,4,6-Trichlorophenol	NELAP	2.67		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
2,4-Dichlorophenol	NELAP	3.82		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
2,4-Dimethylphenol	NELAP	3.82		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
2,4-Dinitrophenol	NELAP	7.64		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
2,4-Dinitrotoluene	NELAP	2.67		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
2,6-Dinitrotoluene	NELAP	2.67		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
2-Chloronaphthalene	NELAP	2.67		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
2-Chlorophenol	NELAP	3.82		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
2-Methoxy-4-methylphenol		4.97		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
2-Nitroaniline	NELAP	7.64		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
2-Nitrophenol	NELAP	2.67		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
3,3'-Dichlorobenzidine	NELAP	2.67		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
3-Nitroaniline	NELAP	7.64		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
4,6-Dinitro-2-methylphenol	NELAP	7.64		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
4-Bromophenyl phenyl ether	NELAP	2.67		ND	mg/Kg-dry	1	08/24/2011 20:22	70636



Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

Lab ID: 11080894-009

Client Sample ID: PA4-02 (3)

Matrix: SOLID

Collection Date: 08/18/2011 8:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
4-Chloro-3-methylphenol	NELAP	3.82		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
4-Chloroaniline	NELAP	3.82		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
4-Chlorophenyl phenyl ether	NELAP	2.67		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
4-Nitroaniline	NELAP	3.82		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
4-Nitrophenol	NELAP	2.67		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
Aniline	NELAP	3.82		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
Azobenzene		2.67		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
Benzidine	NELAP	8.07		see note	mg/Kg-dry	1	08/24/2011 20:22	70636
Benzoic acid	NELAP	11.5		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
Benzyl alcohol	NELAP	3.82		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
Bis(2-chloroethoxy)methane	NELAP	2.67		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
Bis(2-chloroethyl)ether	NELAP	3.82		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
Bis(2-chloroisopropyl)ether	NELAP	2.67		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
Butyl benzyl phthalate	NELAP	2.67		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
Carbazole		3.82		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
Dibenzofuran	NELAP	2.67		11.8	mg/Kg-dry	1	08/24/2011 20:22	70636
Diethyl phthalate	NELAP	3.82		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
Dimethyl phthalate	NELAP	2.67		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
Di-n-butyl phthalate	NELAP	2.67		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
Di-n-octyl phthalate	NELAP	2.67		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
Hexachlorobenzene	NELAP	2.67		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
Hexachlorobutadiene	NELAP	3.82		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
Hexachlorocyclopentadiene	NELAP	2.67		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
Hexachloroethane	NELAP	3.82		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
Isophorone	NELAP	2.67		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
m,p-Cresol	NELAP	3.82		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
Nitrobenzene	NELAP	3.82		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
N-Nitrosodimethylamine	NELAP	3.82		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
N-Nitroso-di-n-propylamine	NELAP	3.82		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
N-Nitrosodiphenylamine	NELAP	3.82		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
o-Cresol	NELAP	3.82		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
Pentachlorophenol	NELAP	15.3		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
Phenol	NELAP	2.67		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
Pyridine	NELAP	3.82		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
1,2-Diphenylhydrazine		6.42		ND	mg/Kg-dry	1	08/24/2011 20:22	70636
Surr: 2,4,6-Tribromophenol		32.7-130		67.3	%REC	1	08/24/2011 20:22	70636
Surr: 2-Fluorobiphenyl		34.1-116		61.9	%REC	1	08/24/2011 20:22	70636
Surr: 2-Fluorophenol		30.5-99		64.8	%REC	1	08/24/2011 20:22	70636
Surr: Nitrobenzene-d5		34.1-101		93.9	%REC	1	08/24/2011 20:22	70636
Surr: Phenol-d5		34.9-110		71.3	%REC	1	08/24/2011 20:22	70636
Surr: p-Terphenyl-d14		41.7-124		100.3	%REC	1	08/24/2011 20:22	70636

Note: Benzidine is currently not reportable while extraction efficiency and recovery are investigated.

### SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Benzene	NELAP	666		1200	µg/Kg-dry	250	08/22/2011 17:43	70648
Ethylbenzene	NELAP	3330	J	1300	µg/Kg-dry	250	08/22/2011 17:43	70648
Toluene	NELAP	3330		ND	µg/Kg-dry	250	08/22/2011 17:43	70648
Xylenes, Total	NELAP	3330		3570	µg/Kg-dry	250	08/22/2011 17:43	70648



## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080894

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 30-Aug-11

**Lab ID:** 11080894-009

**Client Sample ID:** PA4-02 (3)

**Matrix:** SOLID

**Collection Date:** 08/18/2011 8:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Surr: 1,2-Dichloroethane-d4		72.2-131		<b>99.8</b>	%REC	250	08/22/2011 17:43	70648
Surr: 4-Bromofluorobenzene		82.1-116		<b>100.5</b>	%REC	250	08/22/2011 17:43	70648
Surr: Dibromofluoromethane		77.7-120		<b>101.4</b>	%REC	250	08/22/2011 17:43	70648
Surr: Toluene-d8		86-116		<b>95.9</b>	%REC	250	08/22/2011 17:43	70648

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

Lab ID: 11080894-010

Client Sample ID: PA4-01 (3)

Matrix: SOLID

Collection Date: 08/18/2011 9:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		30.2	%	1	08/22/2011 9:32	R153497
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium	7740	NELAP	0.545	1.17	mg/Kg-dry	1	08/24/2011 0:00	70571
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2-Methylnaphthalene	NELAP	0.573		4.14	mg/Kg-dry	25	08/25/2011 17:50	70637
Acenaphthene	NELAP	0.649		5.80	mg/Kg-dry	25	08/25/2011 17:50	70637
Acenaphthylene	NELAP	0.649		4.39	mg/Kg-dry	25	08/25/2011 17:50	70637
Anthracene	NELAP	0.649		5.93	mg/Kg-dry	25	08/25/2011 17:50	70637
Benzo(a)anthracene	NELAP	0.649		14.0	mg/Kg-dry	25	08/25/2011 17:50	70637
Benzo(a)pyrene	NELAP	0.649		18.7	mg/Kg-dry	25	08/25/2011 17:50	70637
Benzo(b)fluoranthene	NELAP	0.649		20.7	mg/Kg-dry	25	08/25/2011 17:50	70637
Benzo(g,h,i)perylene	NELAP	0.649		13.4	mg/Kg-dry	25	08/25/2011 17:50	70637
Benzo(k)fluoranthene	NELAP	0.649		7.88	mg/Kg-dry	25	08/25/2011 17:50	70637
Bis(2-ethylhexyl)phthalate	NELAP	12.8		ND	mg/Kg-dry	25	08/25/2011 17:50	70637
Chrysene	NELAP	0.649		12.5	mg/Kg-dry	25	08/25/2011 17:50	70637
Dibenzo(a,h)anthracene	NELAP	0.649		2.67	mg/Kg-dry	25	08/25/2011 17:50	70637
Fluoranthene	NELAP	0.649		18.1	mg/Kg-dry	25	08/25/2011 17:50	70637
Fluorene	NELAP	0.649		4.66	mg/Kg-dry	25	08/25/2011 17:50	70637
Indeno(1,2,3-cd)pyrene	NELAP	0.649		10.1	mg/Kg-dry	25	08/25/2011 17:50	70637
Naphthalene	NELAP	0.649		9.97	mg/Kg-dry	25	08/25/2011 17:50	70637
Phenanthrene	NELAP	0.649		18.4	mg/Kg-dry	25	08/25/2011 17:50	70637
Pyrene	NELAP	0.649		19.6	mg/Kg-dry	25	08/25/2011 17:50	70637
Surr: 2-Fluorobiphenyl		10-131		89.6	%REC	25	08/25/2011 17:50	70637
Surr: Nitrobenzene-d5		10-132		69.2	%REC	25	08/25/2011 17:50	70637
Surr: p-Terphenyl-d14		80.2-138		102.9	%REC	25	08/25/2011 17:50	70637

*Elevated reporting limit(s) due to sample extract composition.*

**SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS**

1,2,4-Trichlorobenzene	NELAP	19.1		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
1,2-Dichlorobenzene	NELAP	19.1		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
1,3-Dichlorobenzene	NELAP	19.1		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
1,4-Dichlorobenzene	NELAP	19.1		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
2,4,5-Trichlorophenol	NELAP	13.4		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
2,4,6-Trichlorophenol	NELAP	13.4		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
2,4-Dichlorophenol	NELAP	19.1		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
2,4-Dimethylphenol	NELAP	19.1		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
2,4-Dinitrophenol	NELAP	38.2		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
2,4-Dinitrotoluene	NELAP	13.4		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
2,6-Dinitrotoluene	NELAP	13.4		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
2-Chloronaphthalene	NELAP	13.4		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
2-Chlorophenol	NELAP	19.1		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
2-Methoxy-4-methylphenol		24.8		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
2-Nitroaniline	NELAP	38.2		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
2-Nitrophenol	NELAP	13.4		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
3,3'-Dichlorobenzidine	NELAP	13.4		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
3-Nitroaniline	NELAP	38.2		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
4,6-Dinitro-2-methylphenol	NELAP	38.2		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
4-Bromophenyl phenyl ether	NELAP	13.4		ND	mg/Kg-dry	5	08/24/2011 20:55	70636

Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

Lab ID: 11080894-010

Client Sample ID: PA4-01 (3)

Matrix: SOLID

Collection Date: 08/18/2011 9:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
4-Chloro-3-methylphenol	NELAP	19.1		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
4-Chloroaniline	NELAP	19.1		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
4-Chlorophenyl phenyl ether	NELAP	13.4		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
4-Nitroaniline	NELAP	19.1		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
4-Nitrophenol	NELAP	13.4		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
Aniline	NELAP	19.1		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
Azobenzene		13.4		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
Benzidine	NELAP	40.3		see note	mg/Kg-dry	5	08/24/2011 20:55	70636
Benzoic acid	NELAP	57.3		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
Benzyl alcohol	NELAP	19.1		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
Bis(2-chloroethoxy)methane	NELAP	13.4		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
Bis(2-chloroethyl)ether	NELAP	19.1		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
Bis(2-chloroisopropyl)ether	NELAP	13.4		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
Butyl benzyl phthalate	NELAP	13.4		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
Carbazole		19.1		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
Dibenzofuran	NELAP	13.4		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
Diethyl phthalate	NELAP	19.1		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
Dimethyl phthalate	NELAP	13.4		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
Di-n-butyl phthalate	NELAP	13.4		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
Di-n-octyl phthalate	NELAP	13.4		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
Hexachlorobenzene	NELAP	13.4		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
Hexachlorobutadiene	NELAP	19.1		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
Hexachlorocyclopentadiene	NELAP	13.4		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
Hexachloroethane	NELAP	19.1		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
Isophorone	NELAP	13.4		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
m,p-Cresol	NELAP	19.1		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
Nitrobenzene	NELAP	19.1		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
N-Nitrosodimethylamine	NELAP	19.1		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
N-Nitroso-di-n-propylamine	NELAP	19.1		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
N-Nitrosodiphenylamine	NELAP	19.1		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
o-Cresol	NELAP	19.1		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
Pentachlorophenol	NELAP	76.4		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
Phenol	NELAP	13.4		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
Pyridine	NELAP	19.1		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
1,2-Diphenylhydrazine		32.1		ND	mg/Kg-dry	5	08/24/2011 20:55	70636
Surr: 2,4,6-Tribromophenol		32.7-130		71.8	%REC	5	08/24/2011 20:55	70636
Surr: 2-Fluorobiphenyl		34.1-116		69.2	%REC	5	08/24/2011 20:55	70636
Surr: 2-Fluorophenol		30.5-99		63.9	%REC	5	08/24/2011 20:55	70636
Surr: Nitrobenzene-d5		34.1-101		64.9	%REC	5	08/24/2011 20:55	70636
Surr: Phenol-d5		34.9-110		70.4	%REC	5	08/24/2011 20:55	70636
Surr: p-Terphenyl-d14		41.7-124		86.0	%REC	5	08/24/2011 20:55	70636

Note: Benzidine is currently not reportable while extraction efficiency and recovery are investigated.

Elevated reporting limit(s) due to sample extract composition.

### SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Benzene	NELAP	537		ND	µg/Kg-dry	250	08/22/2011 18:11	70648
Ethylbenzene	NELAP	2680	J	1900	µg/Kg-dry	250	08/22/2011 18:11	70648
Toluene	NELAP	2680		ND	µg/Kg-dry	250	08/22/2011 18:11	70648



## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080894

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 30-Aug-11

**Lab ID:** 11080894-010

**Client Sample ID:** PA4-01 (3)

**Matrix:** SOLID

**Collection Date:** 08/18/2011 9:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Xylenes, Total	NELAP	2680	J	<b>780</b>	µg/Kg-dry	250	08/22/2011 18:11	70648
Surr: 1,2-Dichloroethane-d4		72.2-131		<b>100.5</b>	%REC	250	08/22/2011 18:11	70648
Surr: 4-Bromofluorobenzene		82.1-116		<b>99.7</b>	%REC	250	08/22/2011 18:11	70648
Surr: Dibromofluoromethane		77.7-120		<b>101.4</b>	%REC	250	08/22/2011 18:11	70648
Surr: Toluene-d8		86-116		<b>95.6</b>	%REC	250	08/22/2011 18:11	70648

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



## Sample Summary

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080894

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 30-Aug-11

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
11080894-001	PA3-15 (9) F	Solid	4	08/15/2011 9:00
11080894-002	PA2-03 (10) F	Solid	4	08/15/2011 11:00
11080894-003	PA2-04 Wall	Solid	5	08/15/2011 14:00
11080894-004	PA2-01A (10) F	Solid	5	08/16/2011 9:40
11080894-005	PA1-Wall	Solid	5	08/16/2011 14:50
11080894-006	PA4-06 (3)	Solid	4	08/17/2011 8:45
11080894-007	PA4-04 (3)	Solid	4	08/17/2011 10:45
11080894-008	PA4-03 (3)	Solid	4	08/17/2011 13:30
11080894-009	PA4-02 (3)	Solid	4	08/18/2011 8:00
11080894-010	PA4-01 (3)	Solid	4	08/18/2011 9:40



## Dates Report

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080894

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 30-Aug-11

Sample ID	Client Sample ID	Collection Date	Received Date	
	Test Name		Prep Date/Time	Analysis Date/Time
11080894-001A	PA3-15 (9) F	08/15/2011 9:00	8/19/2011 4:00:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			08/22/2011 10:26
	SW-846 3050B, 6010B, Metals by ICP		08/22/2011 16:37	08/23/2011 18:07
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		08/23/2011 15:49	08/24/2011 15:52
11080894-001D	PA3-15 (9) F	08/15/2011 9:00	8/19/2011 4:00:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			08/29/2011 15:53
11080894-002A	PA2-03 (10) F	08/15/2011 11:00	8/19/2011 4:00:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			08/22/2011 10:26
	SW-846 3050B, 6010B, Metals by ICP		08/22/2011 16:37	08/23/2011 18:24
	SW-846 3050B, Metals by GFAA		08/22/2011 10:15	08/23/2011 15:07
	SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID		08/23/2011 12:08	08/24/2011 15:18
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		08/23/2011 15:49	08/24/2011 17:44
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		08/23/2011 15:47	08/24/2011 13:11
	SW-846 7471A		08/22/2011 10:50	08/22/2011 12:34
	SW-846 9012A (Total)		08/22/2011 20:43	08/23/2011 7:46
11080894-002D	PA2-03 (10) F	08/15/2011 11:00	8/19/2011 4:00:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			08/22/2011 12:31
11080894-003A	PA2-04 Wall	08/15/2011 14:00	8/19/2011 4:00:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			08/22/2011 9:29
	SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID		08/23/2011 12:08	08/24/2011 15:36
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		08/23/2011 15:49	08/24/2011 18:21
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		08/23/2011 15:47	08/24/2011 13:44
11080894-003B	PA2-04 Wall	08/15/2011 14:00	8/19/2011 4:00:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		08/22/2011 16:37	08/23/2011 18:30
	SW-846 3050B, Metals by GFAA		08/22/2011 10:15	08/25/2011 11:46
	SW-846 7471A		08/22/2011 10:50	08/22/2011 12:34
	SW-846 9012A (Total)		08/22/2011 20:43	08/23/2011 7:46
11080894-003E	PA2-04 Wall	08/15/2011 14:00	8/19/2011 4:00:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			08/22/2011 22:37
11080894-004A	PA2-01A (10) F	08/16/2011 9:40	8/19/2011 4:00:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			08/22/2011 9:25
	SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID		08/23/2011 12:08	08/24/2011 15:54
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		08/23/2011 15:49	08/24/2011 18:58
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		08/23/2011 15:47	08/24/2011 14:17
11080894-004B	PA2-01A (10) F	08/16/2011 9:40	8/19/2011 4:00:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		08/22/2011 16:37	08/23/2011 18:36



## Dates Report

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080894

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 30-Aug-11

Sample ID	Client Sample ID	Collection Date	Received Date	
	Test Name		Prep Date/Time	Analysis Date/Time
	SW-846 3050B, Metals by GFAA		08/22/2011 10:15	08/24/2011 0:00
	SW-846 7471A		08/22/2011 10:50	08/22/2011 12:34
	SW-846 9012A (Total)		08/22/2011 20:43	08/23/2011 7:46
11080894-004E	PA2-01A (10) F	08/16/2011 9:40	8/19/2011 4:00:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			08/23/2011 1:59
11080894-005A	PA1-Wall	08/16/2011 14:50	8/19/2011 4:00:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			08/22/2011 9:30
	SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID		08/23/2011 12:08	08/24/2011 16:52
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		08/23/2011 15:49	08/25/2011 17:12
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		08/23/2011 15:47	08/24/2011 15:59
11080894-005B	PA1-Wall	08/16/2011 14:50	8/19/2011 4:00:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		08/22/2011 16:37	08/23/2011 18:54
	SW-846 3050B, Metals by GFAA		08/22/2011 10:15	08/24/2011 0:00
	SW-846 7471A		08/22/2011 10:50	08/22/2011 12:34
	SW-846 9012A (Total)		08/22/2011 20:43	08/23/2011 7:46
11080894-005E	PA1-Wall	08/16/2011 14:50	8/19/2011 4:00:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			08/22/2011 15:50
11080894-006A	PA4-06 (3)	08/17/2011 8:45	8/19/2011 4:00:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			08/22/2011 9:30
	SW-846 3050B, Metals by GFAA		08/22/2011 10:15	08/25/2011 12:00
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		08/23/2011 15:49	08/25/2011 15:55
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		08/23/2011 15:47	08/24/2011 18:44
11080894-006D	PA4-06 (3)	08/17/2011 8:45	8/19/2011 4:00:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			08/27/2011 0:36
11080894-007A	PA4-04 (3)	08/17/2011 10:45	8/19/2011 4:00:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			08/22/2011 9:31
	SW-846 3050B, Metals by GFAA		08/22/2011 10:15	08/25/2011 12:03
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		08/23/2011 15:49	08/25/2011 16:33
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		08/23/2011 15:47	08/24/2011 19:17
11080894-007D	PA4-04 (3)	08/17/2011 10:45	8/19/2011 4:00:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			08/22/2011 16:47
11080894-008A	PA4-03 (3)	08/17/2011 13:30	8/19/2011 4:00:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			08/22/2011 9:31
	SW-846 3050B, Metals by GFAA		08/22/2011 10:15	08/24/2011 0:00
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		08/23/2011 15:49	08/25/2011 18:28
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		08/23/2011 15:47	08/24/2011 19:49





## Dates Report

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080894

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 30-Aug-11

Sample ID	Client Sample ID	Collection Date	Received Date	
	Test Name		Prep Date/Time	Analysis Date/Time
11080894-008D	PA4-03 (3)	08/17/2011 13:30	8/19/2011 4:00:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			08/22/2011 17:15
11080894-009A	PA4-02 (3)	08/18/2011 8:00	8/19/2011 4:00:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			08/22/2011 9:32
	SW-846 3050B, Metals by GFAA		08/22/2011 10:15	08/24/2011 0:00
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		08/23/2011 15:49	08/25/2011 19:05
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		08/23/2011 15:47	08/24/2011 20:22
11080894-009D	PA4-02 (3)	08/18/2011 8:00	8/19/2011 4:00:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			08/22/2011 17:43
11080894-010A	PA4-01 (3)	08/18/2011 9:40	8/19/2011 4:00:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			08/22/2011 9:32
	SW-846 3050B, Metals by GFAA		08/22/2011 10:15	08/24/2011 0:00
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		08/23/2011 15:49	08/25/2011 17:50
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		08/23/2011 15:47	08/24/2011 20:55
11080894-010D	PA4-01 (3)	08/18/2011 9:40	8/19/2011 4:00:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			08/22/2011 18:11

Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

### EPA SW846 3550C, 5035A, ASTM D2974

Batch R153497 SampType: LCS		Units %								Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
SampID: LCS - PMOIST										
Percent Moisture	0.1		99.0	99.0	0	100.0	99.9	100.1	08/22/2011	

Batch R153497 SampType: LCSQC		Units %								Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
SampID: LCSQC - PMOIST										
Percent Moisture	0.1		99.0	99.0	0	100.0	99.9	100.1	08/22/2011	

### SW-846 9012A (TOTAL)

Batch 70612 SampType: MBLK		Units mg/Kg								Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
SampID: MB-70612										
Cyanide	0.27		< 0.27						08/23/2011	

Batch 70612 SampType: LCS		Units mg/Kg								Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
SampID: LCS-70612										
Cyanide	0.25		1.31	1.25	0	104.8	85	115	08/23/2011	

Batch 70612 SampType: MS		Units mg/Kg-dry								Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
SampID: 11080894-002AMS										
Cyanide	0.31		1.78	1.48	0.1913	107.2	75	125	08/23/2011	

Batch 70612 SampType: MSD		Units mg/Kg-dry		RPD Limit 15						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
SampID: 11080894-002AMSD										
Cyanide	0.31		1.67	1.48	0.1913	99.9	1.779	6.27	08/23/2011	

### SW-846 3050B, 6010B, METALS BY ICP

Batch 70579 SampType: MBLK		Units mg/Kg-dry								Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
SampID: MB-70579										
Arsenic	2.50		< 2.50	2.50	0	0	-100	100	08/23/2011	
Barium	0.50		< 0.50	0.50	0	0	-100	100	08/23/2011	
Cadmium	0.20		< 0.20	0.20	0	0	-100	100	08/23/2011	
Chromium	1.00		< 1.00	1.00	0	0	-100	100	08/23/2011	
Lead	4.00		< 4.00	4.00	0	0	-100	100	08/23/2011	
Silver	0.55		< 0.55	0.55	0	0	-100	100	08/23/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

**SW-846 3050B, 6010B, METALS BY ICP**

Batch 70579		SampType: LCS		Units mg/Kg-dry						
SampID: LCS-70579										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Arsenic	2.50		196	200	0	98.2	85	115	08/23/2011	
Barium	0.50		202	200	0	100.8	85	115	08/23/2011	
Cadmium	0.20		5.05	5.00	0	101.0	85	115	08/23/2011	
Chromium	1.00		20.3	20.0	0	101.7	85	115	08/23/2011	
Lead	4.00		50.1	50.0	0	100.2	85	115	08/23/2011	
Silver	0.55		5.27	5.00	0	105.4	85	115	08/23/2011	

Batch 70579		SampType: MS		Units mg/Kg-dry						
SampID: 11080894-001AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Arsenic	2.36		180	189	9.302	90.7	75	125	08/23/2011	
Chromium	0.94		41.5	18.9	23.24	96.6	75	125	08/23/2011	

Batch 70579		SampType: MSD		Units mg/Kg-dry				RPD Limit 20		Date Analyzed
SampID: 11080894-001AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Arsenic	2.36		178	189	9.302	89.4	180.4	1.37	08/23/2011	
Chromium	0.94		40.8	18.9	23.24	92.9	41.45	1.70	08/23/2011	

**SW-846 3050B, METALS BY GFAA**

Batch 70571		SampType: MBLK		Units mg/Kg-dry						
SampID: MB-70571										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Selenium	7740	0.600	< 0.600	0.600	0	0	-100	100	08/23/2011	

Batch 70571		SampType: LCS		Units mg/Kg-dry						
SampID: LCS-70571										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Selenium	7740	0.600	2.73	3.00	0	90.9	80	120	08/23/2011	

Batch 70571		SampType: MS		Units mg/Kg-dry						
SampID: 11080894-003BMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Selenium	7740	2.88	JS	1.7	2.88	0	58.6	70	130	08/25/2011

Batch 70571		SampType: MSD		Units mg/Kg-dry				RPD Limit 20		Date Analyzed
SampID: 11080894-003BMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Selenium	7740	2.88	S	< 2.88	2.88	0	0	1.690	0.00	08/25/2011

Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

**SW-846 7471A**

Batch 70573		SampType: MBLK		Units mg/Kg						
SampID: MB-70573										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury	0.010		< 0.010	0.010	0	0	-100	100	08/22/2011	

Batch 70573		SampType: LCS		Units mg/Kg						
SampID: LCS-70573										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury	0.010		0.268	0.250	0	107.2	85	115	08/22/2011	

Batch 70573		SampType: MS		Units mg/Kg-dry						
SampID: 11080894-003BMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury	0.012		0.342	0.306	0.01406	107.4	75	125	08/22/2011	

Batch 70573		SampType: MSD		Units mg/Kg-dry				RPD Limit 15		Date Analyzed	
SampID: 11080894-003BMSD											
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Mercury	0.012		0.338	0.306	0.01406	106.0	0.3423	1.26	08/22/2011		

**SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID**

Batch 70600		SampType: MBLK		Units mg/Kg						
SampID: MB-70600										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Diesel	5.00		ND						08/23/2011	
Kerosene	5.00		ND						08/23/2011	
Mineral Spirits	5.00		ND						08/23/2011	
Motor Oil	5.00		ND						08/23/2011	
Surr: n-Tetracontane			0.63	0.67		94.8	54.8	128	08/23/2011	

Batch 70600		SampType: LCS		Units mg/Kg						
SampID: LCS-70600										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Diesel	5.00		12.6	16.7	0	75.7	40.4	121	08/23/2011	
Surr: n-Tetracontane			0.62	0.67		92.2	54.8	128	08/23/2011	

Batch 70600		SampType: MS		Units mg/Kg-dry						
SampID: 11080894-004AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Diesel	5.88		17.1	19.6	0	87.2	20.3	167	08/24/2011	
Surr: n-Tetracontane			0.78	0.79		99.3	53.9	153	08/24/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080894

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 30-Aug-11

**SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID**

Batch 70600		SampType: MSD		Units mg/Kg-dry				RPD Limit 34		Date Analyzed
SampID: 11080894-004AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Diesel	5.88		17.6	19.6	0	89.6	17.12	2.69	08/24/2011	
Surr: n-Tetracontane			0.79	0.79		100.8			08/24/2011	

**SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS**

Batch 70637		SampType: MBLK		Units mg/Kg						Date Analyzed
SampID: MB-70637										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
2-Methylnaphthalene	0.003		ND						08/24/2011	
Acenaphthene	0.003		ND						08/24/2011	
Acenaphthylene	0.003		ND						08/24/2011	
Anthracene	0.003		ND						08/24/2011	
Benzo(a)anthracene	0.003		ND						08/24/2011	
Benzo(a)pyrene	0.003		ND						08/24/2011	
Benzo(b)fluoranthene	0.003		ND						08/24/2011	
Benzo(g,h,i)perylene	0.003		ND						08/24/2011	
Benzo(k)fluoranthene	0.003		ND						08/24/2011	
Bis(2-ethylhexyl)phthalate	0.067		ND						08/24/2011	
Chrysene	0.003		ND						08/24/2011	
Dibenzo(a,h)anthracene	0.003		ND						08/24/2011	
Fluoranthene	0.003		ND						08/24/2011	
Fluorene	0.003		ND						08/24/2011	
Indeno(1,2,3-cd)pyrene	0.003		ND						08/24/2011	
Naphthalene	0.003		ND						08/24/2011	
Phenanthrene	0.003		ND						08/24/2011	
Pyrene	0.003		ND						08/24/2011	
Surr: 2-Fluorobiphenyl			0.144	0.167		86.4	45.7	89.2	08/24/2011	
Surr: Nitrobenzene-d5			0.139	0.167		83.2	31.4	100	08/24/2011	
Surr: p-Terphenyl-d14			0.171	0.167		102.4	53.3	124	08/24/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

## SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 70637		SampType: LCS		Units mg/Kg						
SampID: LCS-70637										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
2-Methylnaphthalene	0.003		0.126	0.167	0	75.2	50	150	08/24/2011	
Acenaphthene	0.003		0.126	0.167	0	75.4	56.3	115	08/24/2011	
Acenaphthylene	0.003		0.130	0.167	0	78.0	60.3	143	08/24/2011	
Anthracene	0.003		0.125	0.167	0	75.0	52.1	109	08/24/2011	
Benzo(a)anthracene	0.003		0.120	0.167	0	71.9	52.8	112	08/24/2011	
Benzo(a)pyrene	0.003		0.126	0.167	0	75.6	40.8	127	08/24/2011	
Benzo(b)fluoranthene	0.003		0.139	0.167	0	83.2	50.1	150	08/24/2011	
Benzo(g,h,i)perylene	0.003		0.137	0.167	0	82.0	52.8	145	08/24/2011	
Benzo(k)fluoranthene	0.003		0.139	0.167	0	83.2	52	153	08/24/2011	
Bis(2-ethylhexyl)phthalate	0.067		0.139	0.167	0	83.4	50	150	08/24/2011	
Chrysene	0.003		0.128	0.167	0	76.4	60.8	128	08/24/2011	
Dibenzo(a,h)anthracene	0.003		0.141	0.167	0	84.4	54.9	150	08/24/2011	
Fluoranthene	0.003		0.145	0.167	0	86.6	58.7	125	08/24/2011	
Fluorene	0.003		0.137	0.167	0	82.0	57.8	125	08/24/2011	
Indeno(1,2,3-cd)pyrene	0.003		0.138	0.167	0	82.6	52	147	08/24/2011	
Naphthalene	0.003		0.117	0.167	0	70.3	54.8	113	08/24/2011	
Phenanthrene	0.003		0.130	0.167	0	77.6	60.4	121	08/24/2011	
Pyrene	0.003		0.131	0.167	0	78.4	57.9	129	08/24/2011	
Surr: 2-Fluorobiphenyl			0.078	0.167		46.7	45.7	89.2	08/24/2011	
Surr: Nitrobenzene-d5			0.062	0.167		37.3	31.4	100	08/24/2011	
Surr: p-Terphenyl-d14			0.167	0.167		99.8	53.3	124	08/24/2011	

Batch 70637		SampType: MS		Units mg/Kg-dry						
SampID: 11080894-001AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.004		0.170	0.207	0.02312	70.7	36	135	08/24/2011	
Acenaphthylene	0.004		0.157	0.207	0.004954	73.3	17.2	167	08/24/2011	
Anthracene	0.004		0.149	0.207	0	71.9	39.3	124	08/24/2011	
Benzo(a)anthracene	0.004		0.147	0.207	0	71.1	10	183	08/24/2011	
Benzo(a)pyrene	0.004		0.160	0.207	0	77.4	10	204	08/24/2011	
Benzo(b)fluoranthene	0.004		0.187	0.207	0	90.4	10.6	178	08/24/2011	
Benzo(g,h,i)perylene	0.004		0.168	0.207	0	81.0	10	168	08/24/2011	
Benzo(k)fluoranthene	0.004		0.170	0.207	0	81.8	27.6	181	08/24/2011	
Bis(2-ethylhexyl)phthalate	0.083		0.171	0.207	0	82.6	50	150	08/24/2011	
Chrysene	0.004		0.159	0.207	0	76.6	10	176	08/24/2011	
Dibenzo(a,h)anthracene	0.004		0.173	0.207	0	83.4	12.2	156	08/24/2011	
Fluoranthene	0.004		0.179	0.207	0	86.2	10	227	08/24/2011	
Fluorene	0.004		0.170	0.207	0	82.2	35.2	148	08/24/2011	
Indeno(1,2,3-cd)pyrene	0.004		0.170	0.207	0	82.2	10	164	08/24/2011	
Naphthalene	0.004		0.138	0.207	0	66.5	14.7	128	08/24/2011	
Phenanthrene	0.004		0.152	0.207	0	73.3	32.8	143	08/24/2011	
Pyrene	0.004		0.161	0.207	0	77.6	10	180	08/24/2011	
Surr: 2-Fluorobiphenyl			0.071	0.207		34.3	10	131	08/24/2011	
Surr: Nitrobenzene-d5			0.093	0.207		44.7	10	132	08/24/2011	
Surr: p-Terphenyl-d14			0.177	0.207		85.6	30.6	131	08/24/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

## SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 70637	SampType: MSD	Units mg/Kg-dry					RPD Limit 49.7			
SampID: 11080894-001AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Acenaphthene	0.004		<b>0.167</b>	0.207	0.02312	69.5	0.1695	1.37	08/24/2011	
Acenaphthylene	0.004		<b>0.159</b>	0.207	0.004954	74.1	0.1567	1.15	08/24/2011	
Anthracene	0.004		<b>0.160</b>	0.207	0	77.2	0.1489	7.33	08/24/2011	
Benzo(a)anthracene	0.004		<b>0.149</b>	0.207	0	71.7	0.1472	0.94	08/24/2011	
Benzo(a)pyrene	0.004		<b>0.157</b>	0.207	0	75.6	0.1604	2.25	08/24/2011	
Benzo(b)fluoranthene	0.004		<b>0.169</b>	0.207	0	81.4	0.1873	10.35	08/24/2011	
Benzo(g,h,i)perylene	0.004		<b>0.168</b>	0.207	0	80.8	0.1679	0.15	08/24/2011	
Benzo(k)fluoranthene	0.004		<b>0.170</b>	0.207	0	81.8	0.1695	0.10	08/24/2011	
Bis(2-ethylhexyl)phthalate	0.083		<b>0.176</b>	0.207	0	84.6	0.1712	2.49	08/24/2011	
Chrysene	0.004		<b>0.163</b>	0.207	0	78.6	0.1588	2.67	08/24/2011	
Dibenzo(a,h)anthracene	0.004		<b>0.174</b>	0.207	0	83.8	0.1728	0.58	08/24/2011	
Fluoranthene	0.004		<b>0.190</b>	0.207	0	91.4	0.1786	5.94	08/24/2011	
Fluorene	0.004		<b>0.168</b>	0.207	0	81.2	0.1704	1.12	08/24/2011	
Indeno(1,2,3-cd)pyrene	0.004		<b>0.171</b>	0.207	0	82.6	0.1704	0.58	08/24/2011	
Naphthalene	0.004		<b>0.143</b>	0.207	0	68.9	0.1377	3.64	08/24/2011	
Phenanthrene	0.004		<b>0.161</b>	0.207	0	77.6	0.1518	5.92	08/24/2011	
Pyrene	0.004		<b>0.168</b>	0.207	0	81.2	0.1609	4.62	08/24/2011	
Surr: 2-Fluorobiphenyl			<b>0.065</b>	0.207		31.3			08/24/2011	
Surr: Nitrobenzene-d5			<b>0.078</b>	0.207		37.7			08/24/2011	
Surr: p-Terphenyl-d14			<b>0.183</b>	0.207		88.4			08/24/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080894

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 30-Aug-11

**SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS**

**Batch 70636**      **SampType: MBLK**      **Units mg/Kg**

SampID: MB-70636

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
1,2,4-Trichlorobenzene	0.500		ND						08/24/2011
1,2-Dichlorobenzene	0.500		ND						08/24/2011
1,3-Dichlorobenzene	0.500		ND						08/24/2011
1,4-Dichlorobenzene	0.500		ND						08/24/2011
2,4,5-Trichlorophenol	0.350		ND						08/24/2011
2,4,6-Trichlorophenol	0.350		ND						08/24/2011
2,4-Dichlorophenol	0.500		ND						08/24/2011
2,4-Dimethylphenol	0.500		ND						08/24/2011
2,4-Dinitrophenol	1.00		ND						08/24/2011
2,4-Dinitrotoluene	0.350		ND						08/24/2011
2,6-Dinitrotoluene	0.350		ND						08/24/2011
2-Chloronaphthalene	0.350		ND						08/24/2011
2-Chlorophenol	0.500		ND						08/24/2011
2-Methoxy-4-methylphenol	0.650		ND						08/24/2011
2-Methylnaphthalene	0.350		ND						08/24/2011
2-Nitroaniline	1.00		ND						08/24/2011
2-Nitrophenol	0.350		ND						08/24/2011
3,3'-Dichlorobenzidine	0.350		ND						08/24/2011
3-Nitroaniline	1.00		ND						08/24/2011
4,6-Dinitro-2-methylphenol	1.00		ND						08/24/2011
4-Bromophenyl phenyl ether	0.350		ND						08/24/2011
4-Chloro-3-methylphenol	0.500		ND						08/24/2011
4-Chloroaniline	0.500		ND						08/24/2011
4-Chlorophenyl phenyl ether	0.350		ND						08/24/2011
4-Nitroaniline	0.500		ND						08/24/2011
4-Nitrophenol	0.350		ND						08/24/2011
Aniline	0.500		ND						08/24/2011
Azobenzene	0.350		ND						08/24/2011
Benzidine	1.06		ND						08/24/2011
Benzoic acid	1.50		ND						08/24/2011
Benzyl alcohol	0.500		ND						08/24/2011
Bis(2-chloroethoxy)methane	0.350		ND						08/24/2011
Bis(2-chloroethyl)ether	0.500		ND						08/24/2011
Bis(2-chloroisopropyl)ether	0.350		ND						08/24/2011
Butyl benzyl phthalate	0.350		ND						08/24/2011
Carbazole	0.500		ND						08/24/2011
Dibenzofuran	0.350		ND						08/24/2011
Diethyl phthalate	0.500		ND						08/24/2011
Dimethyl phthalate	0.350		ND						08/24/2011
Di-n-butyl phthalate	0.350		ND						08/24/2011
Di-n-octyl phthalate	0.350		ND						08/24/2011
Hexachlorobenzene	0.350		ND						08/24/2011
Hexachlorobutadiene	0.500		ND						08/24/2011
Hexachlorocyclopentadiene	0.350		ND						08/24/2011
Hexachloroethane	0.500		ND						08/24/2011
Isophorone	0.350		ND						08/24/2011
m,p-Cresol	0.500		ND						08/24/2011





## Quality Control Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080894

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 30-Aug-11

### SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS

**Batch** 70636

**SampType:** MBLK

**Units** mg/Kg

SampID: MB-70636

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Nitrobenzene	0.500		ND						08/24/2011
N-Nitrosodimethylamine	0.500		ND						08/24/2011
N-Nitroso-di-n-propylamine	0.500		ND						08/24/2011
N-Nitrosodiphenylamine	0.500		ND						08/24/2011
o-Cresol	0.500		ND						08/24/2011
Pentachlorophenol	2.00		ND						08/24/2011
Phenol	0.350		ND						08/24/2011
Pyridine	0.500		ND						08/24/2011
1,2-Diphenylhydrazine	0.840		ND						08/24/2011
Surr: 2,4,6-Tribromophenol			1.35	1.67		81.0	52.1	113	08/24/2011
Surr: 2-Fluorobiphenyl			0.637	0.835		76.2	46.3	106	08/24/2011
Surr: 2-Fluorophenol			1.12	1.67		67.1	50.6	89	08/24/2011
Surr: Nitrobenzene-d5			0.569	0.835		68.1	42.4	99.2	08/24/2011
Surr: Phenol-d5			1.17	1.67		70.0	55.9	98.5	08/24/2011
Surr: p-Terphenyl-d14			0.728	0.835		87.2	45.5	115	08/24/2011

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080894

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 30-Aug-11

**SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS**

Batch 70636		SampType: LCS		Units mg/Kg						Date Analyzed
SampID: LCS-70636										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,2,4-Trichlorobenzene	0.500		1.35	1.67	0	81.1	43.9	92.2	08/24/2011	
1,4-Dichlorobenzene	0.500		1.22	1.67	0	73.3	43.8	84.1	08/24/2011	
2,4,5-Trichlorophenol	0.350		2.65	3.33	0	79.7	38.6	123	08/24/2011	
2,4,6-Trichlorophenol	0.350		2.48	3.33	0	74.6	35.9	123	08/24/2011	
2,4-Dimethylphenol	0.500		2.30	3.33	0	69.1	38.3	88	08/24/2011	
2,4-Dinitrophenol	1.00		2.86	3.33	0	86.0	1.88	162	08/24/2011	
2,4-Dinitrotoluene	0.350		1.41	1.67	0	84.3	48.6	102	08/24/2011	
2-Chlorophenol	0.500		2.15	3.33	0	64.5	46.6	84	08/24/2011	
4-Chloro-3-methylphenol	0.500		2.40	3.33	0	72.0	51.5	94.9	08/24/2011	
4-Nitrophenol	0.350		2.52	3.33	0	75.6	53.2	104	08/24/2011	
Diethyl phthalate	0.500		2.62	3.33	0	78.6	51.7	106	08/24/2011	
Dimethyl phthalate	0.350		2.34	3.33	0	70.3	58.8	104	08/24/2011	
Di-n-butyl phthalate	0.350		1.29	1.67	0	77.5	54.3	105	08/24/2011	
Hexachlorobenzene	0.350		2.80	3.33	0	84.1	55.9	106	08/24/2011	
Hexachlorobutadiene	0.500		2.59	3.33	0	77.8	35.7	100	08/24/2011	
Hexachloroethane	0.500		2.03	3.33	0	61.0	38.9	89.9	08/24/2011	
m,p-Cresol	0.500		1.14	1.67	0	68.2	37.6	93.7	08/24/2011	
Nitrobenzene	0.500		2.31	3.33	0	69.3	51.8	104	08/24/2011	
N-Nitroso-di-n-propylamine	0.500		1.13	1.67	0	67.8	49.1	94.5	08/24/2011	
o-Cresol	0.500		1.09	1.67	0	65.1	43	101	08/24/2011	
Pentachlorophenol	2.00		2.65	3.33	0	79.6	42.2	102	08/24/2011	
Phenol	0.350		2.26	3.33	0	67.8	41.6	81.3	08/24/2011	
Pyridine	0.500		2.03	3.33	0	61.0	3.61	74.3	08/24/2011	
Surr: 2,4,6-Tribromophenol			1.45	1.67		86.9	52.1	113	08/24/2011	
Surr: 2-Fluorobiphenyl			0.632	0.835		75.7	46.3	106	08/24/2011	
Surr: 2-Fluorophenol			1.05	1.67		62.7	50.6	89	08/24/2011	
Surr: Nitrobenzene-d5			0.501	0.835		59.9	42.4	99.2	08/24/2011	
Surr: Phenol-d5			1.13	1.67		67.7	55.9	98.5	08/24/2011	
Surr: p-Terphenyl-d14			0.739	0.835		88.5	45.5	115	08/24/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

## SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 70636		SampType: MS		Units mg/Kg-dry						
SampID: 11080894-002AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,2,4-Trichlorobenzene	0.588		1.42	1.96	0	72.5	35.9	102	08/24/2011	
1,4-Dichlorobenzene	0.588		1.09	1.96	0	55.5	29.8	95.5	08/24/2011	
2,4,5-Trichlorophenol	0.411		3.05	3.91	0	77.8	38.6	123	08/24/2011	
2,4,6-Trichlorophenol	0.411		2.92	3.91	0	74.6	35.9	123	08/24/2011	
2,4-Dimethylphenol	0.588		2.35	3.91	0	60.1	38.3	88	08/24/2011	
2,4-Dinitrophenol	1.18		2.57	3.91	0	65.6	1.88	162	08/24/2011	
2,4-Dinitrotoluene	0.411		1.54	1.96	0	78.6	37.5	107	08/24/2011	
2-Chlorophenol	0.588		2.09	3.91	0	53.4	22.6	108	08/24/2011	
4-Chloro-3-methylphenol	0.588		2.61	3.91	0	66.6	19.3	131	08/24/2011	
4-Nitrophenol	0.411		2.81	3.91	0	71.8	27.6	123	08/24/2011	
Diethyl phthalate	0.588		2.76	3.91	0	70.5	51.7	106	08/24/2011	
Dimethyl phthalate	0.411		2.79	3.91	0	71.3	58.8	104	08/24/2011	
Di-n-butyl phthalate	0.411		1.43	1.96	0	72.8	54.3	105	08/24/2011	
Hexachlorobenzene	0.411		3.12	3.91	0	79.8	55.9	106	08/24/2011	
Hexachlorobutadiene	0.588		2.61	3.91	0	66.8	35.7	100	08/24/2011	
Hexachloroethane	0.588		1.99	3.91	0	50.9	38.9	89.9	08/24/2011	
m,p-Cresol	0.588		1.26	1.96	0	64.2	37.6	93.7	08/24/2011	
Nitrobenzene	0.588		2.40	3.91	0	61.3	51.8	104	08/24/2011	
N-Nitroso-di-n-propylamine	0.588		1.23	1.96	0	62.9	45.5	99.1	08/24/2011	
o-Cresol	0.588		1.19	1.96	0	60.8	43	101	08/24/2011	
Pentachlorophenol	2.35		2.95	3.91	0	75.5	18.5	113	08/24/2011	
Phenol	0.411		2.54	3.91	0	65.0	20.8	110	08/24/2011	
Pyridine	0.588		2.03	3.91	0	51.8	3.61	74.3	08/24/2011	
Surr: 2,4,6-Tribromophenol			1.58	1.96		80.6	32.7	130	08/24/2011	
Surr: 2-Fluorobiphenyl			0.635	0.981		64.7	34.1	116	08/24/2011	
Surr: 2-Fluorophenol			1.27	1.96		64.9	30.5	99	08/24/2011	
Surr: Nitrobenzene-d5			0.507	0.981		51.7	34.1	101	08/24/2011	
Surr: Phenol-d5			1.36	1.96		69.4	34.9	110	08/24/2011	
Surr: p-Terphenyl-d14			0.831	0.981		84.7	41.7	124	08/24/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

## SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 70636	SampType: MSD	Units mg/Kg-dry					RPD Limit 40			Date Analyzed
SampID: 11080894-002AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
1,2,4-Trichlorobenzene	0.591		1.35	1.97	0	68.5	1.423	5.10	08/24/2011	
1,4-Dichlorobenzene	0.591		1.14	1.97	0	57.8	1.089	4.72	08/24/2011	
2,4,5-Trichlorophenol	0.414		2.89	3.94	0	73.4	3.046	5.27	08/24/2011	
2,4,6-Trichlorophenol	0.414		2.84	3.94	0	72.2	2.919	2.75	08/24/2011	
2,4-Dimethylphenol	0.591		2.24	3.94	0	57.0	2.353	4.73	08/24/2011	
2,4-Dinitrophenol	1.18		2.29	3.94	0	58.1	2.568	11.51	08/24/2011	
2,4-Dinitrotoluene	0.414		1.45	1.97	0	73.5	1.543	6.17	08/24/2011	
2-Chlorophenol	0.591		2.29	3.94	0	58.2	2.088	9.28	08/24/2011	
4-Chloro-3-methylphenol	0.591		2.58	3.94	0	65.5	2.606	1.13	08/24/2011	
4-Nitrophenol	0.414		2.59	3.94	0	65.8	2.811	8.26	08/24/2011	
Diethyl phthalate	0.591		2.62	3.94	0	66.6	2.758	5.09	08/24/2011	
Dimethyl phthalate	0.414		2.66	3.94	0	67.5	2.789	4.81	08/24/2011	
Di-n-butyl phthalate	0.414		1.38	1.97	0	69.9	1.429	3.51	08/24/2011	
Hexachlorobenzene	0.414		3.04	3.94	0	77.3	3.124	2.69	08/24/2011	
Hexachlorobutadiene	0.591		2.58	3.94	0	65.6	2.613	1.19	08/24/2011	
Hexachloroethane	0.591		1.97	3.94	0	50.0	1.993	1.16	08/24/2011	
m,p-Cresol	0.591		1.23	1.97	0	62.5	1.259	2.13	08/24/2011	
Nitrobenzene	0.591		2.34	3.94	0	59.4	2.397	2.54	08/24/2011	
N-Nitroso-di-n-propylamine	0.591		1.21	1.97	0	61.1	1.234	2.28	08/24/2011	
o-Cresol	0.591		1.21	1.97	0	61.1	1.194	0.93	08/24/2011	
Pentachlorophenol	2.36		2.83	3.94	0	71.9	2.954	4.35	08/24/2011	
Phenol	0.414		2.54	3.94	0	64.6	2.544	0.04	08/24/2011	
Pyridine	0.591		2.04	3.94	0	51.9	2.027	0.81	08/24/2011	
Surr: 2,4,6-Tribromophenol			1.26	1.97		64.0			08/24/2011	
Surr: 2-Fluorobiphenyl			0.343	0.987		34.8			08/24/2011	
Surr: 2-Fluorophenol			0.938	1.97		47.5			08/24/2011	
Surr: Nitrobenzene-d5			0.338	0.987		34.3			08/24/2011	
Surr: Phenol-d5			1.08	1.97		54.6			08/24/2011	
Surr: p-Terphenyl-d14			0.675	0.987		68.3			08/24/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080894

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 30-Aug-11

**SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS**

Batch 70648		SampType: MBLK		Units µg/Kg						Date Analyzed
SampID: MBLK-A110822-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
1,1,1,2-Tetrachloroethane	5.0		ND						08/22/2011	
1,1,1-Trichloroethane	5.0		ND						08/22/2011	
1,1,2,2-Tetrachloroethane	5.0		ND						08/22/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0		ND						08/22/2011	
1,1,2-Trichloroethane	5.0		ND						08/22/2011	
1,1-Dichloro-2-propanone	50.0		ND						08/22/2011	
1,1-Dichloroethane	5.0		ND						08/22/2011	
1,1-Dichloroethene	5.0		ND						08/22/2011	
1,1-Dichloropropene	5.0		ND						08/22/2011	
1,2,3-Trichlorobenzene	5.0		ND						08/22/2011	
1,2,3-Trichloropropane	10.0		ND						08/22/2011	
1,2,3-Trimethylbenzene	5.0		ND						08/22/2011	
1,2,4-Trichlorobenzene	5.0		ND						08/22/2011	
1,2,4-Trimethylbenzene	5.0		ND						08/22/2011	
1,2-Dibromo-3-chloropropane	5.0		ND						08/22/2011	
1,2-Dibromoethane	5.0		ND						08/22/2011	
1,2-Dichlorobenzene	5.0		ND						08/22/2011	
1,2-Dichloroethane	5.0		ND						08/22/2011	
1,2-Dichloropropane	5.0		ND						08/22/2011	
1,3,5-Trimethylbenzene	5.0		ND						08/22/2011	
1,3-Dichlorobenzene	5.0		ND						08/22/2011	
1,3-Dichloropropane	5.0		ND						08/22/2011	
1,4-Dichlorobenzene	5.0		ND						08/22/2011	
1-Chlorobutane	5.0		ND						08/22/2011	
2,2-Dichloropropane	5.0		ND						08/22/2011	
2-Butanone	50.0		ND						08/22/2011	
2-Chlorotoluene	5.0		ND						08/22/2011	
2-Hexanone	50.0		ND						08/22/2011	
2-Nitropropane	50.0		ND						08/22/2011	
4-Chlorotoluene	5.0		ND						08/22/2011	
4-Methyl-2-pentanone	50.0		ND						08/22/2011	
Acetone	50.0		ND						08/22/2011	
Acrolein	100		ND						08/22/2011	
Acrylonitrile	10.0		ND						08/22/2011	
Allyl chloride	5.0		ND						08/22/2011	
Benzene	1.0		ND						08/22/2011	
Bromobenzene	5.0		ND						08/22/2011	
Bromochloromethane	5.0		ND						08/22/2011	
Bromodichloromethane	5.0		ND						08/22/2011	
Bromoform	5.0		ND						08/22/2011	
Bromomethane	10.0		ND						08/22/2011	
Carbon disulfide	5.0		ND						08/22/2011	
Carbon tetrachloride	5.0		ND						08/22/2011	
Chlorobenzene	5.0		ND						08/22/2011	
Chloroethane	10.0		ND						08/22/2011	
Chloroform	5.0		ND						08/22/2011	
Chloromethane	10.0		ND						08/22/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080894

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 30-Aug-11

**SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS**

Batch 70648		SampType: MBLK		Units µg/Kg					Date Analyzed
SampID: MBLK-A110822-1									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
cis-1,2-Dichloroethene	5.0		ND						08/22/2011
cis-1,3-Dichloropropene	4.0		ND						08/22/2011
Cyclohexanone	100		ND						08/22/2011
Dibromochloromethane	5.0		ND						08/22/2011
Dibromomethane	5.0		ND						08/22/2011
Dichlorodifluoromethane	10.0		ND						08/22/2011
Ethyl acetate	50.0		ND						08/22/2011
Ethyl ether	5.0		ND						08/22/2011
Ethyl methacrylate	5.0		ND						08/22/2011
Ethylbenzene	5.0		ND						08/22/2011
Heptane	20.0		ND						08/22/2011
Hexachlorobutadiene	5.0		ND						08/22/2011
Hexachloroethane	5.0		ND						08/22/2011
Iodomethane	10.0		ND						08/22/2011
Isopropylbenzene	5.0		ND						08/22/2011
m,p-Xylenes	5.0		ND						08/22/2011
Methacrylonitrile	50.0		ND						08/22/2011
Methyl Methacrylate	5.0		ND						08/22/2011
Methyl tert-butyl ether	2.0		ND						08/22/2011
Methylacrylate	10.0		ND						08/22/2011
Methylene chloride	5.0		ND						08/22/2011
Naphthalene	10.0		ND						08/22/2011
n-Butylbenzene	5.0		ND						08/22/2011
n-Hexane	20.0		ND						08/22/2011
Nitrobenzene	100		ND						08/22/2011
n-Propylbenzene	5.0		ND						08/22/2011
o-Xylene	5.0		ND						08/22/2011
Pentachloroethane	5.0		ND						08/22/2011
p-Isopropyltoluene	5.0		ND						08/22/2011
Propionitrile	50.0		ND						08/22/2011
sec-Butylbenzene	5.0		ND						08/22/2011
Styrene	5.0		ND						08/22/2011
tert-Butylbenzene	5.0		ND						08/22/2011
Tetrachloroethene	5.0		ND						08/22/2011
Tetrahydrofuran	50.0		ND						08/22/2011
Toluene	5.0		ND						08/22/2011
trans-1,2-Dichloroethene	5.0		ND						08/22/2011
trans-1,3-Dichloropropene	4.0		ND						08/22/2011
Trichloroethene	5.0		ND						08/22/2011
Trichlorofluoromethane	5.0		ND						08/22/2011
Vinyl acetate	50.0		ND						08/22/2011
Vinyl chloride	2.0		ND						08/22/2011
Xylenes, Total	5.0		ND						08/22/2011
Surr: 1,2-Dichloroethane-d4			47.8	50.0		95.7	72.2	131	08/22/2011
Surr: 4-Bromofluorobenzene			48.7	50.0		97.4	82.1	116	08/22/2011
Surr: Dibromofluoromethane			50.2	50.0		100.4	77.7	120	08/22/2011
Surr: Toluene-d8			48.5	50.0		96.9	86	116	08/22/2011



# Quality Control Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080894

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 30-Aug-11

## SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

**Batch** 70648

**SampType:** MBLK

**Units** µg/Kg

**SampID:** MBLK-A110822-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
----------	----	------	--------	-------	-------------	------	-----------	------------	---------------

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080894

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 30-Aug-11

**SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS**

Batch 70648		SampType: LCS		Units µg/Kg						
SampID: LCS-A110822-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,1,1,2-Tetrachloroethane	5.0		46.1	50.0	0	92.2	0	200	08/22/2011	
1,1,1-Trichloroethane	5.0		46.7	50.0	0	93.4	85.6	124	08/22/2011	
1,1,2,2-Tetrachloroethane	5.0		50.4	50.0	0	100.9	0	200	08/22/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0		49.8	50.0	0	99.5	0	200	08/22/2011	
1,1,2-Trichloroethane	5.0		49.3	50.0	0	98.6	0	200	08/22/2011	
1,1-Dichloro-2-propanone	50.0		138	125	0	110.5	0	200	08/22/2011	
1,1-Dichloroethane	5.0		47.7	50.0	0	95.4	0	200	08/22/2011	
1,1-Dichloroethene	5.0		49.9	50.0	0	99.8	60.1	131	08/22/2011	
1,1-Dichloropropene	5.0		47.9	50.0	0	95.9	0	200	08/22/2011	
1,2,3-Trichlorobenzene	5.0		50.9	50.0	0	101.8	0	200	08/22/2011	
1,2,3-Trichloropropane	10.0		49.2	50.0	0	98.4	0	200	08/22/2011	
1,2,3-Trimethylbenzene	5.0		46.5	50.0	0	93.1	0	200	08/22/2011	
1,2,4-Trichlorobenzene	5.0		52.5	50.0	0	104.9	0	200	08/22/2011	
1,2,4-Trimethylbenzene	5.0		48.6	50.0	0	97.2	0	200	08/22/2011	
1,2-Dibromo-3-chloropropane	5.0		54.6	50.0	0	109.1	0	200	08/22/2011	
1,2-Dibromoethane	5.0		50.0	50.0	0	100.0	86.9	119	08/22/2011	
1,2-Dichlorobenzene	5.0		49.6	50.0	0	99.1	88	119	08/22/2011	
1,2-Dichloroethane	5.0		45.9	50.0	0	91.8	73	117	08/22/2011	
1,2-Dichloropropane	5.0		48.1	50.0	0	96.3	0	200	08/22/2011	
1,3,5-Trimethylbenzene	5.0		48.7	50.0	0	97.5	0	200	08/22/2011	
1,3-Dichlorobenzene	5.0		50.3	50.0	0	100.6	85.8	125	08/22/2011	
1,3-Dichloropropane	5.0		47.4	50.0	0	94.7	0	200	08/22/2011	
1,4-Dichlorobenzene	5.0		49.3	50.0	0	98.7	84.5	124	08/22/2011	
1-Chlorobutane	5.0		43.2	50.0	0	86.3	0	200	08/22/2011	
2,2-Dichloropropane	5.0		47.4	50.0	0	94.7	0	200	08/22/2011	
2-Butanone	50.0		153	125	0	122.3	45.3	136	08/22/2011	
2-Chlorotoluene	5.0		47.1	50.0	0	94.2	0	200	08/22/2011	
2-Hexanone	50.0		145	125	0	116.2	0	200	08/22/2011	
2-Nitropropane	50.0		519	500	0	103.9	0	200	08/22/2011	
4-Chlorotoluene	5.0		48.0	50.0	0	95.9	0	200	08/22/2011	
4-Methyl-2-pentanone	50.0		132	125	0	105.5	0	200	08/22/2011	
Acetone	50.0		144	125	0	115.2	0	200	08/22/2011	
Acrylonitrile	10.0		55.2	50.0	0	110.4	0	200	08/22/2011	
Allyl chloride	5.0		42.8	50.0	0	85.6	0	200	08/22/2011	
Benzene	1.0		49.2	50.0	0	98.3	73.9	109	08/22/2011	
Bromobenzene	5.0		49.8	50.0	0	99.6	0	200	08/22/2011	
Bromochloromethane	5.0		46.5	50.0	0	93.0	0	200	08/22/2011	
Bromodichloromethane	5.0		49.0	50.0	0	98.0	91.3	126	08/22/2011	
Bromoform	5.0		55.5	50.0	0	110.9	0	200	08/22/2011	
Bromomethane	10.0		27.1	50.0	0	54.2	0	200	08/22/2011	
Carbon disulfide	5.0		47.5	50.0	0	94.9	0	200	08/22/2011	
Carbon tetrachloride	5.0		48.6	50.0	0	97.3	83.3	127	08/22/2011	
Chlorobenzene	5.0		48.7	50.0	0	97.4	85.8	116	08/22/2011	
Chloroethane	10.0		49.0	50.0	0	97.9	0	200	08/22/2011	
Chloroform	5.0		46.6	50.0	0	93.3	80	113	08/22/2011	
Chloromethane	10.0		43.9	50.0	0	87.7	0	200	08/22/2011	
cis-1,2-Dichloroethene	5.0		50.4	50.0	0	100.8	0	200	08/22/2011	



Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

## SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 70648	SampType: LCS	Units µg/Kg								
SampID: LCS-A110822-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
cis-1,3-Dichloropropene	4.0		52.8	50.0	0	105.6	0	200	08/22/2011	
Cyclohexanone	100		236	250	0	94.3	0	200	08/22/2011	
Dibromochloromethane	5.0		51.4	50.0	0	102.7	89.1	119	08/22/2011	
Dibromomethane	5.0		49.4	50.0	0	98.8	0	200	08/22/2011	
Dichlorodifluoromethane	10.0		34.8	50.0	0	69.6	0	200	08/22/2011	
Ethyl acetate	50.0	J	49	50.0	0	98.1	0	200	08/22/2011	
Ethyl ether	5.0		49.8	50.0	0	99.5	0	200	08/22/2011	
Ethyl methacrylate	5.0		51.1	50.0	0	102.3	0	200	08/22/2011	
Ethylbenzene	5.0		49.0	50.0	0	98.1	84.1	115	08/22/2011	
Heptane	20.0		51.6	50.0	0	103.2	0	200	08/22/2011	
Hexachlorobutadiene	5.0		49.5	50.0	0	99.0	0	200	08/22/2011	
Hexachloroethane	5.0		48.5	50.0	0	97.0	0	200	08/22/2011	
Iodomethane	10.0		51.4	50.0	0	102.9	0	200	08/22/2011	
Isopropylbenzene	5.0		49.4	50.0	0	98.8	0	200	08/22/2011	
m,p-Xylenes	5.0		99.8	100	0	99.8	79.1	111	08/22/2011	
Methacrylonitrile	50.0		53.9	50.0	0	107.8	0	200	08/22/2011	
Methyl Methacrylate	5.0		52.5	50.0	0	104.9	0	200	08/22/2011	
Methyl tert-butyl ether	2.0		52.2	50.0	0	104.5	80	128	08/22/2011	
Methylacrylate	10.0		51.0	50.0	0	102.0	0	200	08/22/2011	
Methylene chloride	5.0		52.1	50.0	0	104.2	73.9	116	08/22/2011	
Naphthalene	10.0		52.0	50.0	0	104.1	73.1	135	08/22/2011	
n-Butylbenzene	5.0		47.3	50.0	0	94.5	0	200	08/22/2011	
n-Hexane	20.0		49.8	50.0	0	99.5	0	200	08/22/2011	
Nitrobenzene	100		627	500	0	125.5	0	200	08/22/2011	
n-Propylbenzene	5.0		48.2	50.0	0	96.4	0	200	08/22/2011	
o-Xylene	5.0		48.8	50.0	0	97.5	82	117	08/22/2011	
Pentachloroethane	5.0		56.0	50.0	0	111.9	0	200	08/22/2011	
p-Isopropyltoluene	5.0		48.9	50.0	0	97.8	0	200	08/22/2011	
Propionitrile	50.0		537	500	0	107.5	0	200	08/22/2011	
sec-Butylbenzene	5.0		48.0	50.0	0	95.9	0	200	08/22/2011	
Styrene	5.0		51.8	50.0	0	103.6	0	200	08/22/2011	
tert-Butylbenzene	5.0		45.8	50.0	0	91.7	0	200	08/22/2011	
Tetrachloroethene	5.0		47.8	50.0	0	95.5	74.6	115	08/22/2011	
Tetrahydrofuran	50.0		55.7	50.0	0	111.4	0	200	08/22/2011	
Toluene	5.0		48.0	50.0	0	95.9	79.1	112	08/22/2011	
trans-1,2-Dichloroethene	5.0		47.7	50.0	0	95.3	0	200	08/22/2011	
trans-1,3-Dichloropropene	4.0		48.9	50.0	0	97.9	0	200	08/22/2011	
Trichloroethene	5.0		52.0	50.0	0	104.1	81	111	08/22/2011	
Trichlorofluoromethane	5.0		49.0	50.0	0	97.9	0	200	08/22/2011	
Vinyl acetate	50.0		50.3	50.0	0	100.6	0	200	08/22/2011	
Vinyl chloride	2.0		47.5	50.0	0	94.9	0	200	08/22/2011	
Xylenes, Total	5.0		149	150	0	99.0	79.1	117	08/22/2011	
Surr: 1,2-Dichloroethane-d4			46.6	50.0		93.2	72.2	131	08/22/2011	
Surr: 4-Bromofluorobenzene			51.4	50.0		102.8	82.1	116	08/22/2011	
Surr: Dibromofluoromethane			50.2	50.0		100.4	77.7	120	08/22/2011	
Surr: Toluene-d8			48.2	50.0		96.4	86	116	08/22/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

## SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 70648	SampType: LCSD	Units µg/Kg					RPD Limit 40			Date Analyzed
SampID: LCSD-A110822-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
1,1,1,2-Tetrachloroethane	5.0		46.9	50.0	0	93.8	46.08	1.74	08/22/2011	
1,1,1-Trichloroethane	5.0		47.8	50.0	0	95.5	46.70	2.27	08/22/2011	
1,1,2,2-Tetrachloroethane	5.0		49.9	50.0	0	99.8	50.43	1.08	08/22/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0		49.6	50.0	0	99.2	49.75	0.34	08/22/2011	
1,1,2-Trichloroethane	5.0		49.1	50.0	0	98.2	49.31	0.41	08/22/2011	
1,1-Dichloro-2-propanone	50.0		122	125	0	97.6	138.2	12.40	08/22/2011	
1,1-Dichloroethane	5.0		47.9	50.0	0	95.8	47.72	0.33	08/22/2011	
1,1-Dichloroethene	5.0		49.4	50.0	0	98.8	49.92	1.07	08/22/2011	
1,1-Dichloropropene	5.0		48.4	50.0	0	96.7	47.93	0.91	08/22/2011	
1,2,3-Trichlorobenzene	5.0		49.8	50.0	0	99.7	50.89	2.08	08/22/2011	
1,2,3-Trichloropropane	10.0		48.1	50.0	0	96.1	49.21	2.34	08/22/2011	
1,2,3-Trimethylbenzene	5.0		47.1	50.0	0	94.2	46.54	1.17	08/22/2011	
1,2,4-Trichlorobenzene	5.0		51.0	50.0	0	102.0	52.46	2.86	08/22/2011	
1,2,4-Trimethylbenzene	5.0		49.7	50.0	0	99.4	48.61	2.18	08/22/2011	
1,2-Dibromo-3-chloropropane	5.0		50.1	50.0	0	100.3	54.55	8.42	08/22/2011	
1,2-Dibromoethane	5.0		49.7	50.0	0	99.4	49.98	0.52	08/22/2011	
1,2-Dichlorobenzene	5.0		50.2	50.0	0	100.4	49.55	1.28	08/22/2011	
1,2-Dichloroethane	5.0		46.0	50.0	0	92.0	45.92	0.13	08/22/2011	
1,2-Dichloropropane	5.0		49.5	50.0	0	99.0	48.14	2.79	08/22/2011	
1,3,5-Trimethylbenzene	5.0		50.0	50.0	0	99.9	48.74	2.47	08/22/2011	
1,3-Dichlorobenzene	5.0		51.0	50.0	0	102.1	50.32	1.42	08/22/2011	
1,3-Dichloropropane	5.0		47.4	50.0	0	94.8	47.36	0.06	08/22/2011	
1,4-Dichlorobenzene	5.0		50.0	50.0	0	100.1	49.34	1.41	08/22/2011	
1-Chlorobutane	5.0		43.5	50.0	0	87.1	43.16	0.85	08/22/2011	
2,2-Dichloropropane	5.0		47.8	50.0	0	95.5	47.35	0.84	08/22/2011	
2-Butanone	50.0		133	125	0	106.3	152.9	14.04	08/22/2011	
2-Chlorotoluene	5.0		48.8	50.0	0	97.6	47.09	3.61	08/22/2011	
2-Hexanone	50.0		125	125	0	99.8	145.2	15.16	08/22/2011	
2-Nitropropane	50.0		481	500	0	96.3	519.4	7.59	08/22/2011	
4-Chlorotoluene	5.0		49.1	50.0	0	98.1	47.95	2.29	08/22/2011	
4-Methyl-2-pentanone	50.0		121	125	0	97.0	131.9	8.34	08/22/2011	
Acetone	50.0		120	125	0	96.1	144.0	18.08	08/22/2011	
Acrylonitrile	10.0		51.9	50.0	0	103.8	55.20	6.14	08/22/2011	
Allyl chloride	5.0		42.8	50.0	0	85.5	42.80	0.09	08/22/2011	
Benzene	1.0		49.8	50.0	0	99.5	49.17	1.17	08/22/2011	
Bromobenzene	5.0		51.4	50.0	0	102.9	49.79	3.26	08/22/2011	
Bromochloromethane	5.0		46.9	50.0	0	93.8	46.48	0.86	08/22/2011	
Bromodichloromethane	5.0		49.8	50.0	0	99.6	48.99	1.62	08/22/2011	
Bromoform	5.0		53.9	50.0	0	107.8	55.46	2.83	08/22/2011	
Bromomethane	10.0		30.3	50.0	0	60.6	27.10	11.08	08/22/2011	
Carbon disulfide	5.0		47.1	50.0	0	94.3	47.47	0.72	08/22/2011	
Carbon tetrachloride	5.0		49.1	50.0	0	98.1	48.63	0.90	08/22/2011	
Chlorobenzene	5.0		49.4	50.0	0	98.8	48.68	1.49	08/22/2011	
Chloroethane	10.0		49.7	50.0	0	99.3	48.97	1.42	08/22/2011	
Chloroform	5.0		47.1	50.0	0	94.2	46.65	0.96	08/22/2011	
Chloromethane	10.0		44.6	50.0	0	89.2	43.87	1.65	08/22/2011	
cis-1,2-Dichloroethene	5.0		50.6	50.0	0	101.3	50.41	0.44	08/22/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

## SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 70648	SampType: LCSD	Units µg/Kg		RPD Limit 40				Date Analyzed		
SampID: LCSD-A110822-1		RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
cis-1,3-Dichloropropene	4.0			53.2	50.0	0	106.3	52.82	0.64	08/22/2011
Cyclohexanone	100			224	250	0	89.7	235.8	5.04	08/22/2011
Dibromochloromethane	5.0			51.8	50.0	0	103.5	51.35	0.78	08/22/2011
Dibromomethane	5.0			49.4	50.0	0	98.9	49.41	0.06	08/22/2011
Dichlorodifluoromethane	10.0			34.1	50.0	0	68.1	34.81	2.18	08/22/2011
Ethyl acetate	50.0		J	46	50.0	0	92.3	49.05	0.00	08/22/2011
Ethyl ether	5.0			48.7	50.0	0	97.4	49.75	2.13	08/22/2011
Ethyl methacrylate	5.0			49.4	50.0	0	98.9	51.14	3.40	08/22/2011
Ethylbenzene	5.0			49.9	50.0	0	99.8	49.04	1.70	08/22/2011
Heptane	20.0			52.3	50.0	0	104.7	51.58	1.46	08/22/2011
Hexachlorobutadiene	5.0			49.8	50.0	0	99.6	49.50	0.56	08/22/2011
Hexachloroethane	5.0			50.2	50.0	0	100.4	48.52	3.38	08/22/2011
Iodomethane	10.0			53.8	50.0	0	107.5	51.45	4.37	08/22/2011
Isopropylbenzene	5.0			49.9	50.0	0	99.9	49.42	1.05	08/22/2011
m,p-Xylenes	5.0			100	100	0	100.4	99.77	0.63	08/22/2011
Methacrylonitrile	50.0			50.8	50.0	0	101.7	53.91	5.88	08/22/2011
Methyl Methacrylate	5.0			50.1	50.0	0	100.3	52.46	4.52	08/22/2011
Methyl tert-butyl ether	2.0			51.4	50.0	0	102.9	52.23	1.50	08/22/2011
Methylacrylate	10.0			48.3	50.0	0	96.7	51.01	5.40	08/22/2011
Methylene chloride	5.0			51.9	50.0	0	103.9	52.09	0.29	08/22/2011
Naphthalene	10.0			48.6	50.0	0	97.2	52.04	6.82	08/22/2011
n-Butylbenzene	5.0			47.4	50.0	0	94.9	47.26	0.40	08/22/2011
n-Hexane	20.0			50.0	50.0	0	100.0	49.76	0.50	08/22/2011
Nitrobenzene	100			551	500	0	110.2	627.3	12.94	08/22/2011
n-Propylbenzene	5.0			49.5	50.0	0	99.0	48.19	2.68	08/22/2011
o-Xylene	5.0			49.5	50.0	0	98.9	48.76	1.43	08/22/2011
Pentachloroethane	5.0			59.3	50.0	0	118.6	55.95	5.83	08/22/2011
p-Isopropyltoluene	5.0			49.7	50.0	0	99.4	48.90	1.62	08/22/2011
Propionitrile	50.0			492	500	0	98.5	537.4	8.76	08/22/2011
sec-Butylbenzene	5.0			49.1	50.0	0	98.3	47.96	2.41	08/22/2011
Styrene	5.0			52.1	50.0	0	104.2	51.81	0.60	08/22/2011
tert-Butylbenzene	5.0			47.2	50.0	0	94.4	45.84	2.92	08/22/2011
Tetrachloroethene	5.0			47.3	50.0	0	94.6	47.75	0.93	08/22/2011
Tetrahydrofuran	50.0			50.4	50.0	0	100.8	55.68	9.95	08/22/2011
Toluene	5.0			49.1	50.0	0	98.3	47.95	2.45	08/22/2011
trans-1,2-Dichloroethene	5.0			47.6	50.0	0	95.3	47.66	0.06	08/22/2011
trans-1,3-Dichloropropene	4.0			49.0	50.0	0	98.1	48.94	0.22	08/22/2011
Trichloroethene	5.0			52.8	50.0	0	105.5	52.04	1.39	08/22/2011
Trichlorofluoromethane	5.0			48.3	50.0	0	96.7	48.96	1.27	08/22/2011
Vinyl acetate	50.0		J	49	50.0	0	98.2	50.32	0.00	08/22/2011
Vinyl chloride	2.0			47.1	50.0	0	94.1	47.46	0.83	08/22/2011
Xylenes, Total	5.0			150	150	0	99.9	148.5	0.89	08/22/2011
Surr: 1,2-Dichloroethane-d4				45.0	50.0		90.1			08/22/2011
Surr: 4-Bromofluorobenzene				50.8	50.0		101.6			08/22/2011
Surr: Dibromofluoromethane				49.6	50.0		99.2			08/22/2011
Surr: Toluene-d8				48.4	50.0		96.9			08/22/2011

Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

## SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 70654		SampType: MBLK		Units µg/Kg						Date Analyzed
SampID: MBLK-A110822-2										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
1,1,1,2-Tetrachloroethane	5.0		ND						08/22/2011	
1,1,1-Trichloroethane	5.0		ND						08/22/2011	
1,1,2,2-Tetrachloroethane	5.0		ND						08/22/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0		ND						08/22/2011	
1,1,2-Trichloroethane	5.0		ND						08/22/2011	
1,1-Dichloro-2-propanone	50.0		ND						08/22/2011	
1,1-Dichloroethane	5.0		ND						08/22/2011	
1,1-Dichloroethene	5.0		ND						08/22/2011	
1,1-Dichloropropene	5.0		ND						08/22/2011	
1,2,3-Trichlorobenzene	5.0		ND						08/22/2011	
1,2,3-Trichloropropane	10.0		ND						08/22/2011	
1,2,3-Trimethylbenzene	5.0		ND						08/22/2011	
1,2,4-Trichlorobenzene	5.0		ND						08/22/2011	
1,2,4-Trimethylbenzene	5.0		ND						08/22/2011	
1,2-Dibromo-3-chloropropane	5.0		ND						08/22/2011	
1,2-Dibromoethane	5.0		ND						08/22/2011	
1,2-Dichlorobenzene	5.0		ND						08/22/2011	
1,2-Dichloroethane	5.0		ND						08/22/2011	
1,2-Dichloropropane	5.0		ND						08/22/2011	
1,3,5-Trimethylbenzene	5.0		ND						08/22/2011	
1,3-Dichlorobenzene	5.0		ND						08/22/2011	
1,3-Dichloropropane	5.0		ND						08/22/2011	
1,4-Dichlorobenzene	5.0		ND						08/22/2011	
1-Chlorobutane	5.0		ND						08/22/2011	
2,2-Dichloropropane	5.0		ND						08/22/2011	
2-Butanone	50.0		ND						08/22/2011	
2-Chlorotoluene	5.0		ND						08/22/2011	
2-Hexanone	50.0		ND						08/22/2011	
2-Nitropropane	50.0		ND						08/22/2011	
4-Chlorotoluene	5.0		ND						08/22/2011	
4-Methyl-2-pentanone	50.0		ND						08/22/2011	
Acetone	50.0		ND						08/22/2011	
Acrolein	100		ND						08/22/2011	
Acrylonitrile	10.0		ND						08/22/2011	
Allyl chloride	5.0		ND						08/22/2011	
Benzene	1.0		ND						08/22/2011	
Bromobenzene	5.0		ND						08/22/2011	
Bromochloromethane	5.0		ND						08/22/2011	
Bromodichloromethane	5.0		ND						08/22/2011	
Bromoform	5.0		ND						08/22/2011	
Bromomethane	10.0		ND						08/22/2011	
Carbon disulfide	5.0		ND						08/22/2011	
Carbon tetrachloride	5.0		ND						08/22/2011	
Chlorobenzene	5.0		ND						08/22/2011	
Chloroethane	10.0		ND						08/22/2011	
Chloroform	5.0		ND						08/22/2011	
Chloromethane	10.0		ND						08/22/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

## SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
cis-1,2-Dichloroethene	5.0		ND						08/22/2011
cis-1,3-Dichloropropene	4.0		ND						08/22/2011
Cyclohexanone	100		ND						08/22/2011
Dibromochloromethane	5.0		ND						08/22/2011
Dibromomethane	5.0		ND						08/22/2011
Dichlorodifluoromethane	10.0		ND						08/22/2011
Ethyl acetate	50.0		ND						08/22/2011
Ethyl ether	5.0		ND						08/22/2011
Ethyl methacrylate	5.0		ND						08/22/2011
Ethylbenzene	5.0		ND						08/22/2011
Heptane	20.0		ND						08/22/2011
Hexachlorobutadiene	5.0		ND						08/22/2011
Hexachloroethane	5.0		ND						08/22/2011
Iodomethane	10.0		ND						08/22/2011
Isopropylbenzene	5.0		ND						08/22/2011
m,p-Xylenes	5.0		ND						08/22/2011
Methacrylonitrile	50.0		ND						08/22/2011
Methyl Methacrylate	5.0		ND						08/22/2011
Methyl tert-butyl ether	2.0		ND						08/22/2011
Methylacrylate	10.0		ND						08/22/2011
Methylene chloride	5.0	J	2.9						08/22/2011
Naphthalene	10.0		ND						08/22/2011
n-Butylbenzene	5.0		ND						08/22/2011
n-Hexane	20.0		ND						08/22/2011
Nitrobenzene	100		ND						08/22/2011
n-Propylbenzene	5.0		ND						08/22/2011
o-Xylene	5.0		ND						08/22/2011
Pentachloroethane	5.0		ND						08/22/2011
p-Isopropyltoluene	5.0		ND						08/22/2011
Propionitrile	50.0		ND						08/22/2011
sec-Butylbenzene	5.0		ND						08/22/2011
Styrene	5.0		ND						08/22/2011
tert-Butylbenzene	5.0		ND						08/22/2011
Tetrachloroethene	5.0		ND						08/22/2011
Tetrahydrofuran	50.0		ND						08/22/2011
Toluene	5.0		ND						08/22/2011
trans-1,2-Dichloroethene	5.0		ND						08/22/2011
trans-1,3-Dichloropropene	4.0		ND						08/22/2011
Trichloroethene	5.0		ND						08/22/2011
Trichlorofluoromethane	5.0		ND						08/22/2011
Vinyl acetate	50.0		ND						08/22/2011
Vinyl chloride	2.0		ND						08/22/2011
Xylenes, Total	5.0		ND						08/22/2011
Surr: 1,2-Dichloroethane-d4			50.6	50.0		101.2	72.2	131	08/22/2011
Surr: 4-Bromofluorobenzene			49.2	50.0		98.5	82.1	116	08/22/2011
Surr: Dibromofluoromethane			50.4	50.0		100.9	77.7	120	08/22/2011
Surr: Toluene-d8			48.7	50.0		97.4	86	116	08/22/2011



# Quality Control Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080894

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 30-Aug-11

## SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

**Batch** 70654

**SampType:** MBLK

**Units** µg/Kg

**SampID:** MBLK-A110822-2

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
----------	----	------	--------	-------	-------------	------	-----------	------------	---------------

Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

## SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 70654	SampType: LCS	Units µg/Kg								
SampID: LCS-A110822-2										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,1,1,2-Tetrachloroethane	5.0		47.6	50.0	0	95.2	0	200	08/22/2011	
1,1,1-Trichloroethane	5.0		49.9	50.0	0	99.7	85.6	124	08/22/2011	
1,1,2,2-Tetrachloroethane	5.0		53.2	50.0	0	106.4	0	200	08/22/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0		49.5	50.0	0	99.1	0	200	08/22/2011	
1,1,2-Trichloroethane	5.0		51.2	50.0	0	102.3	0	200	08/22/2011	
1,1-Dichloro-2-propanone	50.0		153	125	0	122.1	0	200	08/22/2011	
1,1-Dichloroethane	5.0		50.0	50.0	0	100.1	0	200	08/22/2011	
1,1-Dichloroethene	5.0		49.6	50.0	0	99.2	60.1	131	08/22/2011	
1,1-Dichloropropene	5.0		50.0	50.0	0	100.1	0	200	08/22/2011	
1,2,3-Trichlorobenzene	5.0		52.4	50.0	0	104.8	0	200	08/22/2011	
1,2,3-Trichloropropane	10.0		51.3	50.0	0	102.6	0	200	08/22/2011	
1,2,3-Trimethylbenzene	5.0		48.4	50.0	0	96.8	0	200	08/22/2011	
1,2,4-Trichlorobenzene	5.0		53.0	50.0	0	106.1	0	200	08/22/2011	
1,2,4-Trimethylbenzene	5.0		49.8	50.0	0	99.6	0	200	08/22/2011	
1,2-Dibromo-3-chloropropane	5.0		57.2	50.0	0	114.4	0	200	08/22/2011	
1,2-Dibromoethane	5.0		51.7	50.0	0	103.4	86.9	119	08/22/2011	
1,2-Dichlorobenzene	5.0		50.9	50.0	0	101.8	88	119	08/22/2011	
1,2-Dichloroethane	5.0		50.2	50.0	0	100.4	73	117	08/22/2011	
1,2-Dichloropropane	5.0		50.5	50.0	0	101.0	0	200	08/22/2011	
1,3,5-Trimethylbenzene	5.0		50.5	50.0	0	101.1	0	200	08/22/2011	
1,3-Dichlorobenzene	5.0		51.4	50.0	0	102.8	85.8	125	08/22/2011	
1,3-Dichloropropane	5.0		50.2	50.0	0	100.4	0	200	08/22/2011	
1,4-Dichlorobenzene	5.0		51.0	50.0	0	102.1	84.5	124	08/22/2011	
1-Chlorobutane	5.0		45.2	50.0	0	90.3	0	200	08/22/2011	
2,2-Dichloropropane	5.0		50.0	50.0	0	100.0	0	200	08/22/2011	
2-Butanone	50.0		151	125	0	120.6	45.3	136	08/22/2011	
2-Chlorotoluene	5.0		49.5	50.0	0	99.1	0	200	08/22/2011	
2-Hexanone	50.0		141	125	0	112.6	0	200	08/22/2011	
2-Nitropropane	50.0		586	500	0	117.2	0	200	08/22/2011	
4-Chlorotoluene	5.0		49.6	50.0	0	99.2	0	200	08/22/2011	
4-Methyl-2-pentanone	50.0		142	125	0	113.9	0	200	08/22/2011	
Acetone	50.0		135	125	0	107.8	0	200	08/22/2011	
Acrylonitrile	10.0		57.6	50.0	0	115.1	0	200	08/22/2011	
Allyl chloride	5.0		46.0	50.0	0	91.9	0	200	08/22/2011	
Benzene	1.0		50.3	50.0	0	100.6	73.9	109	08/22/2011	
Bromobenzene	5.0		51.0	50.0	0	102.0	0	200	08/22/2011	
Bromochloromethane	5.0		50.3	50.0	0	100.6	0	200	08/22/2011	
Bromodichloromethane	5.0		51.5	50.0	0	102.9	91.3	126	08/22/2011	
Bromoform	5.0		56.4	50.0	0	112.8	0	200	08/22/2011	
Bromomethane	10.0		35.8	50.0	0	71.5	0	200	08/22/2011	
Carbon disulfide	5.0		46.7	50.0	0	93.4	0	200	08/22/2011	
Carbon tetrachloride	5.0		50.8	50.0	0	101.7	83.3	127	08/22/2011	
Chlorobenzene	5.0		50.0	50.0	0	100.0	85.8	116	08/22/2011	
Chloroethane	10.0		52.2	50.0	0	104.5	0	200	08/22/2011	
Chloroform	5.0		49.3	50.0	0	98.7	80	113	08/22/2011	
Chloromethane	10.0		44.3	50.0	0	88.6	0	200	08/22/2011	
cis-1,2-Dichloroethene	5.0		51.6	50.0	0	103.2	0	200	08/22/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

## SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 70654	SampType: LCS	Units µg/Kg								Date Analyzed
SampID: LCS-A110822-2										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
cis-1,3-Dichloropropene	4.0		55.4	50.0	0	110.8	0	200	08/22/2011	
Cyclohexanone	100		255	250	0	102.1	0	200	08/22/2011	
Dibromochloromethane	5.0		52.9	50.0	0	105.8	89.1	119	08/22/2011	
Dibromomethane	5.0		52.0	50.0	0	103.9	0	200	08/22/2011	
Dichlorodifluoromethane	10.0		28.2	50.0	0	56.4	0	200	08/22/2011	
Ethyl acetate	50.0		53.3	50.0	0	106.6	0	200	08/22/2011	
Ethyl ether	5.0		51.1	50.0	0	102.3	0	200	08/22/2011	
Ethyl methacrylate	5.0		53.4	50.0	0	106.7	0	200	08/22/2011	
Ethylbenzene	5.0		50.4	50.0	0	100.9	84.1	115	08/22/2011	
Heptane	20.0		52.8	50.0	0	105.5	0	200	08/22/2011	
Hexachlorobutadiene	5.0		51.8	50.0	0	103.6	0	200	08/22/2011	
Hexachloroethane	5.0		50.6	50.0	0	101.2	0	200	08/22/2011	
Iodomethane	10.0		51.2	50.0	0	102.4	0	200	08/22/2011	
Isopropylbenzene	5.0		51.3	50.0	0	102.7	0	200	08/22/2011	
m,p-Xylenes	5.0		102	100	0	102.1	79.1	111	08/22/2011	
Methacrylonitrile	50.0		56.4	50.0	0	112.7	0	200	08/22/2011	
Methyl Methacrylate	5.0		55.5	50.0	0	110.9	0	200	08/22/2011	
Methyl tert-butyl ether	2.0		54.7	50.0	0	109.4	80	128	08/22/2011	
Methylacrylate	10.0		54.7	50.0	0	109.4	0	200	08/22/2011	
Methylene chloride	5.0		55.4	50.0	0	110.8	73.9	116	08/22/2011	
Naphthalene	10.0		53.6	50.0	0	107.2	73.1	135	08/22/2011	
n-Butylbenzene	5.0		49.2	50.0	0	98.4	0	200	08/22/2011	
n-Hexane	20.0		49.3	50.0	0	98.7	0	200	08/22/2011	
Nitrobenzene	100		643	500	0	128.6	0	200	08/22/2011	
n-Propylbenzene	5.0		50.1	50.0	0	100.1	0	200	08/22/2011	
o-Xylene	5.0		50.6	50.0	0	101.1	82	117	08/22/2011	
Pentachloroethane	5.0		59.1	50.0	0	118.1	0	200	08/22/2011	
p-Isopropyltoluene	5.0		50.3	50.0	0	100.5	0	200	08/22/2011	
Propionitrile	50.0		576	500	0	115.3	0	200	08/22/2011	
sec-Butylbenzene	5.0		49.7	50.0	0	99.4	0	200	08/22/2011	
Styrene	5.0		53.5	50.0	0	107.0	0	200	08/22/2011	
tert-Butylbenzene	5.0		48.0	50.0	0	95.9	0	200	08/22/2011	
Tetrachloroethene	5.0		46.3	50.0	0	92.6	74.6	115	08/22/2011	
Tetrahydrofuran	50.0		58.6	50.0	0	117.2	0	200	08/22/2011	
Toluene	5.0		48.1	50.0	0	96.3	79.1	112	08/22/2011	
trans-1,2-Dichloroethene	5.0		50.0	50.0	0	100.1	0	200	08/22/2011	
trans-1,3-Dichloropropene	4.0		51.8	50.0	0	103.6	0	200	08/22/2011	
Trichloroethene	5.0		51.7	50.0	0	103.4	81	111	08/22/2011	
Trichlorofluoromethane	5.0		50.0	50.0	0	100.1	0	200	08/22/2011	
Vinyl acetate	50.0		55.2	50.0	0	110.3	0	200	08/22/2011	
Vinyl chloride	2.0		47.4	50.0	0	94.8	0	200	08/22/2011	
Xylenes, Total	5.0		153	150	0	101.8	79.1	117	08/22/2011	
Surr: 1,2-Dichloroethane-d4			49.6	50.0		99.2	72.2	131	08/22/2011	
Surr: 4-Bromofluorobenzene			51.3	50.0		102.5	82.1	116	08/22/2011	
Surr: Dibromofluoromethane			51.5	50.0		103.1	77.7	120	08/22/2011	
Surr: Toluene-d8			48.3	50.0		96.7	86	116	08/22/2011	



Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

## SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 70654	SampType: LCSD	Units µg/Kg					RPD Limit 40			
SampID: LCSD-A110822-2										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
1,1,1,2-Tetrachloroethane	5.0		48.1	50.0	0	96.2	47.58	1.13	08/22/2011	
1,1,1-Trichloroethane	5.0		50.8	50.0	0	101.6	49.87	1.89	08/22/2011	
1,1,2,2-Tetrachloroethane	5.0		54.0	50.0	0	108.0	53.18	1.51	08/22/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0		49.2	50.0	0	98.4	49.54	0.73	08/22/2011	
1,1,2-Trichloroethane	5.0		50.6	50.0	0	101.2	51.17	1.14	08/22/2011	
1,1-Dichloro-2-propanone	50.0		149	125	0	119.1	152.6	2.49	08/22/2011	
1,1-Dichloroethane	5.0		50.2	50.0	0	100.4	50.04	0.34	08/22/2011	
1,1-Dichloroethene	5.0		49.6	50.0	0	99.3	49.59	0.12	08/22/2011	
1,1-Dichloropropene	5.0		50.3	50.0	0	100.7	50.05	0.56	08/22/2011	
1,2,3-Trichlorobenzene	5.0		52.3	50.0	0	104.6	52.39	0.21	08/22/2011	
1,2,3-Trichloropropane	10.0		52.4	50.0	0	104.9	51.28	2.22	08/22/2011	
1,2,3-Trimethylbenzene	5.0		50.1	50.0	0	100.2	48.38	3.51	08/22/2011	
1,2,4-Trichlorobenzene	5.0		52.8	50.0	0	105.7	53.04	0.36	08/22/2011	
1,2,4-Trimethylbenzene	5.0		52.0	50.0	0	104.0	49.82	4.28	08/22/2011	
1,2-Dibromo-3-chloropropane	5.0		56.8	50.0	0	113.6	57.21	0.68	08/22/2011	
1,2-Dibromoethane	5.0		51.3	50.0	0	102.5	51.72	0.87	08/22/2011	
1,2-Dichlorobenzene	5.0		51.7	50.0	0	103.3	50.90	1.50	08/22/2011	
1,2-Dichloroethane	5.0		49.1	50.0	0	98.2	50.20	2.26	08/22/2011	
1,2-Dichloropropane	5.0		51.0	50.0	0	101.9	50.50	0.91	08/22/2011	
1,3,5-Trimethylbenzene	5.0		52.9	50.0	0	105.8	50.54	4.54	08/22/2011	
1,3-Dichlorobenzene	5.0		52.2	50.0	0	104.5	51.38	1.68	08/22/2011	
1,3-Dichloropropane	5.0		49.5	50.0	0	99.0	50.21	1.40	08/22/2011	
1,4-Dichlorobenzene	5.0		51.6	50.0	0	103.1	51.04	0.99	08/22/2011	
1-Chlorobutane	5.0		45.9	50.0	0	91.8	45.17	1.62	08/22/2011	
2,2-Dichloropropane	5.0		50.1	50.0	0	100.3	49.98	0.32	08/22/2011	
2-Butanone	50.0		157	125	0	125.4	150.8	3.83	08/22/2011	
2-Chlorotoluene	5.0		51.3	50.0	0	102.5	49.54	3.41	08/22/2011	
2-Hexanone	50.0		144	125	0	114.9	140.7	2.05	08/22/2011	
2-Nitropropane	50.0		575	500	0	115.0	586.0	1.88	08/22/2011	
4-Chlorotoluene	5.0		51.0	50.0	0	102.0	49.60	2.80	08/22/2011	
4-Methyl-2-pentanone	50.0		142	125	0	113.4	142.4	0.51	08/22/2011	
Acetone	50.0		141	125	0	112.8	134.7	4.54	08/22/2011	
Acrylonitrile	10.0		57.7	50.0	0	115.4	57.55	0.23	08/22/2011	
Allyl chloride	5.0		46.2	50.0	0	92.3	45.95	0.46	08/22/2011	
Benzene	1.0		51.2	50.0	0	102.3	50.29	1.72	08/22/2011	
Bromobenzene	5.0		51.9	50.0	0	103.8	51.00	1.75	08/22/2011	
Bromochloromethane	5.0		49.8	50.0	0	99.7	50.28	0.86	08/22/2011	
Bromodichloromethane	5.0		51.6	50.0	0	103.3	51.47	0.35	08/22/2011	
Bromoform	5.0		56.0	50.0	0	111.9	56.39	0.77	08/22/2011	
Bromomethane	10.0		36.0	50.0	0	72.0	35.75	0.67	08/22/2011	
Carbon disulfide	5.0		47.2	50.0	0	94.4	46.69	1.07	08/22/2011	
Carbon tetrachloride	5.0		51.5	50.0	0	103.0	50.84	1.31	08/22/2011	
Chlorobenzene	5.0		50.9	50.0	0	101.7	49.98	1.76	08/22/2011	
Chloroethane	10.0		51.0	50.0	0	101.9	52.25	2.50	08/22/2011	
Chloroform	5.0		49.7	50.0	0	99.4	49.33	0.71	08/22/2011	
Chloromethane	10.0		46.6	50.0	0	93.2	44.29	5.08	08/22/2011	
cis-1,2-Dichloroethene	5.0		51.7	50.0	0	103.4	51.61	0.15	08/22/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

## SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 70654	SampType: LCSD	Units µg/Kg						RPD Limit 40		Date Analyzed
SampID: LCSD-A110822-2										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
cis-1,3-Dichloropropene	4.0		54.7	50.0	0	109.3	55.40	1.33	08/22/2011	
Cyclohexanone	100		256	250	0	102.5	255.3	0.39	08/22/2011	
Dibromochloromethane	5.0		53.0	50.0	0	105.9	52.91	0.08	08/22/2011	
Dibromomethane	5.0		51.3	50.0	0	102.7	51.95	1.18	08/22/2011	
Dichlorodifluoromethane	10.0	R	15.9	50.0	0	31.8	28.18	55.83	08/22/2011	
Ethyl acetate	50.0		52.9	50.0	0	105.8	53.30	0.72	08/22/2011	
Ethyl ether	5.0		49.8	50.0	0	99.5	51.14	2.76	08/22/2011	
Ethyl methacrylate	5.0		53.2	50.0	0	106.5	53.36	0.21	08/22/2011	
Ethylbenzene	5.0		51.6	50.0	0	103.2	50.44	2.25	08/22/2011	
Heptane	20.0		50.7	50.0	0	101.5	52.76	3.90	08/22/2011	
Hexachlorobutadiene	5.0		51.1	50.0	0	102.3	51.78	1.24	08/22/2011	
Hexachloroethane	5.0		52.8	50.0	0	105.6	50.61	4.22	08/22/2011	
Iodomethane	10.0		54.6	50.0	0	109.3	51.22	6.44	08/22/2011	
Isopropylbenzene	5.0		52.0	50.0	0	103.9	51.34	1.22	08/22/2011	
m,p-Xylenes	5.0		104	100	0	103.9	102.1	1.79	08/22/2011	
Methacrylonitrile	50.0		56.8	50.0	0	113.6	56.35	0.76	08/22/2011	
Methyl Methacrylate	5.0		54.8	50.0	0	109.6	55.47	1.25	08/22/2011	
Methyl tert-butyl ether	2.0		53.4	50.0	0	106.9	54.72	2.39	08/22/2011	
Methylacrylate	10.0		54.7	50.0	0	109.5	54.72	0.04	08/22/2011	
Methylene chloride	5.0		55.3	50.0	0	110.6	55.42	0.20	08/22/2011	
Naphthalene	10.0		54.3	50.0	0	108.6	53.60	1.30	08/22/2011	
n-Butylbenzene	5.0		50.0	50.0	0	100.1	49.22	1.67	08/22/2011	
n-Hexane	20.0		47.4	50.0	0	94.9	49.33	3.91	08/22/2011	
Nitrobenzene	100		638	500	0	127.6	643.0	0.78	08/22/2011	
n-Propylbenzene	5.0		51.7	50.0	0	103.4	50.07	3.20	08/22/2011	
o-Xylene	5.0		51.3	50.0	0	102.5	50.57	1.36	08/22/2011	
Pentachloroethane	5.0		60.6	50.0	0	121.3	59.06	2.62	08/22/2011	
p-Isopropyltoluene	5.0		51.2	50.0	0	102.5	50.27	1.89	08/22/2011	
Propionitrile	50.0		582	500	0	116.4	576.4	0.99	08/22/2011	
sec-Butylbenzene	5.0		51.8	50.0	0	103.5	49.69	4.08	08/22/2011	
Styrene	5.0		53.9	50.0	0	107.8	53.52	0.69	08/22/2011	
tert-Butylbenzene	5.0		50.4	50.0	0	100.7	47.97	4.84	08/22/2011	
Tetrachloroethene	5.0		47.1	50.0	0	94.3	46.31	1.76	08/22/2011	
Tetrahydrofuran	50.0		59.0	50.0	0	118.0	58.58	0.75	08/22/2011	
Toluene	5.0		49.7	50.0	0	99.4	48.14	3.15	08/22/2011	
trans-1,2-Dichloroethene	5.0		49.8	50.0	0	99.6	50.04	0.44	08/22/2011	
trans-1,3-Dichloropropene	4.0		51.8	50.0	0	103.6	51.81	0.00	08/22/2011	
Trichloroethene	5.0		52.9	50.0	0	105.7	51.72	2.20	08/22/2011	
Trichlorofluoromethane	5.0		50.7	50.0	0	101.5	50.04	1.37	08/22/2011	
Vinyl acetate	50.0		53.8	50.0	0	107.6	55.17	2.51	08/22/2011	
Vinyl chloride	2.0		49.1	50.0	0	98.2	47.39	3.50	08/22/2011	
Xylenes, Total	5.0		155	150	0	103.4	152.6	1.64	08/22/2011	
Surr: 1,2-Dichloroethane-d4			48.0	50.0		96.0			08/22/2011	
Surr: 4-Bromofluorobenzene			50.8	50.0		101.7			08/22/2011	
Surr: Dibromofluoromethane			50.2	50.0		100.4			08/22/2011	
Surr: Toluene-d8			48.4	50.0		96.8			08/22/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

## SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 70655		SampType: MBLK		Units µg/Kg						Date Analyzed
SampID: MBLK-A110822-2										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
1,1,1,2-Tetrachloroethane	5.0		ND						08/22/2011	
1,1,1-Trichloroethane	5.0		ND						08/22/2011	
1,1,2,2-Tetrachloroethane	5.0		ND						08/22/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0		ND						08/22/2011	
1,1,2-Trichloroethane	5.0		ND						08/22/2011	
1,1-Dichloro-2-propanone	50.0		ND						08/22/2011	
1,1-Dichloroethane	5.0		ND						08/22/2011	
1,1-Dichloroethene	5.0		ND						08/22/2011	
1,1-Dichloropropene	5.0		ND						08/22/2011	
1,2,3-Trichlorobenzene	5.0		ND						08/22/2011	
1,2,3-Trichloropropane	10.0		ND						08/22/2011	
1,2,3-Trimethylbenzene	5.0		ND						08/22/2011	
1,2,4-Trichlorobenzene	5.0		ND						08/22/2011	
1,2,4-Trimethylbenzene	5.0		ND						08/22/2011	
1,2-Dibromo-3-chloropropane	5.0		ND						08/22/2011	
1,2-Dibromoethane	5.0		ND						08/22/2011	
1,2-Dichlorobenzene	5.0		ND						08/22/2011	
1,2-Dichloroethane	5.0		ND						08/22/2011	
1,2-Dichloropropane	5.0		ND						08/22/2011	
1,3,5-Trimethylbenzene	5.0		ND						08/22/2011	
1,3-Dichlorobenzene	5.0		ND						08/22/2011	
1,3-Dichloropropane	5.0		ND						08/22/2011	
1,4-Dichlorobenzene	5.0		ND						08/22/2011	
1-Chlorobutane	5.0		ND						08/22/2011	
2,2-Dichloropropane	5.0		ND						08/22/2011	
2-Butanone	50.0		ND						08/22/2011	
2-Chlorotoluene	5.0		ND						08/22/2011	
2-Hexanone	50.0		ND						08/22/2011	
2-Nitropropane	50.0		ND						08/22/2011	
4-Chlorotoluene	5.0		ND						08/22/2011	
4-Methyl-2-pentanone	50.0		ND						08/22/2011	
Acetone	50.0		ND						08/22/2011	
Acrolein	100		ND						08/22/2011	
Acrylonitrile	10.0		ND						08/22/2011	
Allyl chloride	5.0		ND						08/22/2011	
Benzene	1.0		ND						08/22/2011	
Bromobenzene	5.0		ND						08/22/2011	
Bromochloromethane	5.0		ND						08/22/2011	
Bromodichloromethane	5.0		ND						08/22/2011	
Bromoform	5.0		ND						08/22/2011	
Bromomethane	10.0		ND						08/22/2011	
Carbon disulfide	5.0		ND						08/22/2011	
Carbon tetrachloride	5.0		ND						08/22/2011	
Chlorobenzene	5.0		ND						08/22/2011	
Chloroethane	10.0		ND						08/22/2011	
Chloroform	5.0		ND						08/22/2011	
Chloromethane	10.0		ND						08/22/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

## SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	SampType:	Units							
70655	MBLK	µg/Kg							
SampID: MBLK-A110822-2									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
cis-1,2-Dichloroethene	5.0		ND						08/22/2011
cis-1,3-Dichloropropene	4.0		ND						08/22/2011
Cyclohexanone	100		ND						08/22/2011
Dibromochloromethane	5.0		ND						08/22/2011
Dibromomethane	5.0		ND						08/22/2011
Dichlorodifluoromethane	10.0		ND						08/22/2011
Ethyl acetate	50.0		ND						08/22/2011
Ethyl ether	5.0		ND						08/22/2011
Ethyl methacrylate	5.0		ND						08/22/2011
Ethylbenzene	5.0		ND						08/22/2011
Heptane	20.0		ND						08/22/2011
Hexachlorobutadiene	5.0		ND						08/22/2011
Hexachloroethane	5.0		ND						08/22/2011
Iodomethane	10.0		ND						08/22/2011
Isopropylbenzene	5.0		ND						08/22/2011
m,p-Xylenes	5.0		ND						08/22/2011
Methacrylonitrile	50.0		ND						08/22/2011
Methyl Methacrylate	5.0		ND						08/22/2011
Methyl tert-butyl ether	2.0		ND						08/22/2011
Methylacrylate	10.0		ND						08/22/2011
Methylene chloride	5.0	J	2.9						08/22/2011
Naphthalene	10.0		ND						08/22/2011
n-Butylbenzene	5.0		ND						08/22/2011
n-Hexane	20.0		ND						08/22/2011
Nitrobenzene	100		ND						08/22/2011
n-Propylbenzene	5.0		ND						08/22/2011
o-Xylene	5.0		ND						08/22/2011
Pentachloroethane	5.0		ND						08/22/2011
p-Isopropyltoluene	5.0		ND						08/22/2011
Propionitrile	50.0		ND						08/22/2011
sec-Butylbenzene	5.0		ND						08/22/2011
Styrene	5.0		ND						08/22/2011
tert-Butylbenzene	5.0		ND						08/22/2011
Tetrachloroethene	5.0		ND						08/22/2011
Tetrahydrofuran	50.0		ND						08/22/2011
Toluene	5.0		ND						08/22/2011
trans-1,2-Dichloroethene	5.0		ND						08/22/2011
trans-1,3-Dichloropropene	4.0		ND						08/22/2011
Trichloroethene	5.0		ND						08/22/2011
Trichlorofluoromethane	5.0		ND						08/22/2011
Vinyl acetate	50.0		ND						08/22/2011
Vinyl chloride	2.0		ND						08/22/2011
Surr: 1,2-Dichloroethane-d4			50.6	50.0		101.2	72.2	131	08/22/2011
Surr: 4-Bromofluorobenzene			49.2	50.0		98.5	82.1	116	08/22/2011
Surr: Dibromofluoromethane			50.4	50.0		100.9	77.7	120	08/22/2011
Surr: Toluene-d8			48.7	50.0		97.4	86	116	08/22/2011

Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

## SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 70655		SampType: LCS		Units µg/Kg						
SampID: LCS-A110822-2										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,1,1,2-Tetrachloroethane	5.0		47.6	50.0	0	95.2	0	200	08/22/2011	
1,1,1-Trichloroethane	5.0		49.9	50.0	0	99.7	85.6	124	08/22/2011	
1,1,2,2-Tetrachloroethane	5.0		53.2	50.0	0	106.4	0	200	08/22/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0		49.5	50.0	0	99.1	0	200	08/22/2011	
1,1,2-Trichloroethane	5.0		51.2	50.0	0	102.3	0	200	08/22/2011	
1,1-Dichloro-2-propanone	50.0		153	125	0	122.1	0	200	08/22/2011	
1,1-Dichloroethane	5.0		50.0	50.0	0	100.1	0	200	08/22/2011	
1,1-Dichloroethene	5.0		49.6	50.0	0	99.2	60.1	131	08/22/2011	
1,1-Dichloropropene	5.0		50.0	50.0	0	100.1	0	200	08/22/2011	
1,2,3-Trichlorobenzene	5.0		52.4	50.0	0	104.8	0	200	08/22/2011	
1,2,3-Trichloropropane	10.0		51.3	50.0	0	102.6	0	200	08/22/2011	
1,2,3-Trimethylbenzene	5.0		48.4	50.0	0	96.8	0	200	08/22/2011	
1,2,4-Trichlorobenzene	5.0		53.0	50.0	0	106.1	0	200	08/22/2011	
1,2,4-Trimethylbenzene	5.0		49.8	50.0	0	99.6	0	200	08/22/2011	
1,2-Dibromo-3-chloropropane	5.0		57.2	50.0	0	114.4	0	200	08/22/2011	
1,2-Dibromoethane	5.0		51.7	50.0	0	103.4	86.9	119	08/22/2011	
1,2-Dichlorobenzene	5.0		50.9	50.0	0	101.8	88	119	08/22/2011	
1,2-Dichloroethane	5.0		50.2	50.0	0	100.4	73	117	08/22/2011	
1,2-Dichloropropane	5.0		50.5	50.0	0	101.0	0	200	08/22/2011	
1,3,5-Trimethylbenzene	5.0		50.5	50.0	0	101.1	0	200	08/22/2011	
1,3-Dichlorobenzene	5.0		51.4	50.0	0	102.8	85.8	125	08/22/2011	
1,3-Dichloropropane	5.0		50.2	50.0	0	100.4	0	200	08/22/2011	
1,4-Dichlorobenzene	5.0		51.0	50.0	0	102.1	84.5	124	08/22/2011	
1-Chlorobutane	5.0		45.2	50.0	0	90.3	0	200	08/22/2011	
2,2-Dichloropropane	5.0		50.0	50.0	0	100.0	0	200	08/22/2011	
2-Butanone	50.0		151	125	0	120.6	45.3	136	08/22/2011	
2-Chlorotoluene	5.0		49.5	50.0	0	99.1	0	200	08/22/2011	
2-Hexanone	50.0		141	125	0	112.6	0	200	08/22/2011	
2-Nitropropane	50.0		586	500	0	117.2	0	200	08/22/2011	
4-Chlorotoluene	5.0		49.6	50.0	0	99.2	0	200	08/22/2011	
4-Methyl-2-pentanone	50.0		142	125	0	113.9	0	200	08/22/2011	
Acetone	50.0		135	125	0	107.8	0	200	08/22/2011	
Acrylonitrile	10.0		57.6	50.0	0	115.1	0	200	08/22/2011	
Allyl chloride	5.0		46.0	50.0	0	91.9	0	200	08/22/2011	
Benzene	1.0		50.3	50.0	0	100.6	73.9	109	08/22/2011	
Bromobenzene	5.0		51.0	50.0	0	102.0	0	200	08/22/2011	
Bromochloromethane	5.0		50.3	50.0	0	100.6	0	200	08/22/2011	
Bromodichloromethane	5.0		51.5	50.0	0	102.9	91.3	126	08/22/2011	
Bromoform	5.0		56.4	50.0	0	112.8	0	200	08/22/2011	
Bromomethane	10.0		35.8	50.0	0	71.5	0	200	08/22/2011	
Carbon disulfide	5.0		46.7	50.0	0	93.4	0	200	08/22/2011	
Carbon tetrachloride	5.0		50.8	50.0	0	101.7	83.3	127	08/22/2011	
Chlorobenzene	5.0		50.0	50.0	0	100.0	85.8	116	08/22/2011	
Chloroethane	10.0		52.2	50.0	0	104.5	0	200	08/22/2011	
Chloroform	5.0		49.3	50.0	0	98.7	80	113	08/22/2011	
Chloromethane	10.0		44.3	50.0	0	88.6	0	200	08/22/2011	
cis-1,2-Dichloroethene	5.0		51.6	50.0	0	103.2	0	200	08/22/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080894

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 30-Aug-11

**SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS**

Batch 70655		SampType: LCS		Units µg/Kg						
SampID: LCS-A110822-2										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
cis-1,3-Dichloropropene	4.0		55.4	50.0	0	110.8	0	200	08/22/2011	
Cyclohexanone	100		255	250	0	102.1	0	200	08/22/2011	
Dibromochloromethane	5.0		52.9	50.0	0	105.8	89.1	119	08/22/2011	
Dibromomethane	5.0		52.0	50.0	0	103.9	0	200	08/22/2011	
Dichlorodifluoromethane	10.0		28.2	50.0	0	56.4	0	200	08/22/2011	
Ethyl acetate	50.0		53.3	50.0	0	106.6	0	200	08/22/2011	
Ethyl ether	5.0		51.1	50.0	0	102.3	0	200	08/22/2011	
Ethyl methacrylate	5.0		53.4	50.0	0	106.7	0	200	08/22/2011	
Ethylbenzene	5.0		50.4	50.0	0	100.9	84.1	115	08/22/2011	
Heptane	20.0		52.8	50.0	0	105.5	0	200	08/22/2011	
Hexachlorobutadiene	5.0		51.8	50.0	0	103.6	0	200	08/22/2011	
Hexachloroethane	5.0		50.6	50.0	0	101.2	0	200	08/22/2011	
Iodomethane	10.0		51.2	50.0	0	102.4	0	200	08/22/2011	
Isopropylbenzene	5.0		51.3	50.0	0	102.7	0	200	08/22/2011	
m,p-Xylenes	5.0		102	100	0	102.1	79.1	111	08/22/2011	
Methacrylonitrile	50.0		56.4	50.0	0	112.7	0	200	08/22/2011	
Methyl Methacrylate	5.0		55.5	50.0	0	110.9	0	200	08/22/2011	
Methyl tert-butyl ether	2.0		54.7	50.0	0	109.4	80	128	08/22/2011	
Methylacrylate	10.0		54.7	50.0	0	109.4	0	200	08/22/2011	
Methylene chloride	5.0		55.4	50.0	0	110.8	73.9	116	08/22/2011	
Naphthalene	10.0		53.6	50.0	0	107.2	73.1	135	08/22/2011	
n-Butylbenzene	5.0		49.2	50.0	0	98.4	0	200	08/22/2011	
n-Hexane	20.0		49.3	50.0	0	98.7	0	200	08/22/2011	
Nitrobenzene	100		643	500	0	128.6	0	200	08/22/2011	
n-Propylbenzene	5.0		50.1	50.0	0	100.1	0	200	08/22/2011	
o-Xylene	5.0		50.6	50.0	0	101.1	82	117	08/22/2011	
Pentachloroethane	5.0		59.1	50.0	0	118.1	0	200	08/22/2011	
p-Isopropyltoluene	5.0		50.3	50.0	0	100.5	0	200	08/22/2011	
Propionitrile	50.0		576	500	0	115.3	0	200	08/22/2011	
sec-Butylbenzene	5.0		49.7	50.0	0	99.4	0	200	08/22/2011	
Styrene	5.0		53.5	50.0	0	107.0	0	200	08/22/2011	
tert-Butylbenzene	5.0		48.0	50.0	0	95.9	0	200	08/22/2011	
Tetrachloroethene	5.0		46.3	50.0	0	92.6	74.6	115	08/22/2011	
Tetrahydrofuran	50.0		58.6	50.0	0	117.2	0	200	08/22/2011	
Toluene	5.0		48.1	50.0	0	96.3	79.1	112	08/22/2011	
trans-1,2-Dichloroethene	5.0		50.0	50.0	0	100.1	0	200	08/22/2011	
trans-1,3-Dichloropropene	4.0		51.8	50.0	0	103.6	0	200	08/22/2011	
Trichloroethene	5.0		51.7	50.0	0	103.4	81	111	08/22/2011	
Trichlorofluoromethane	5.0		50.0	50.0	0	100.1	0	200	08/22/2011	
Vinyl acetate	50.0		55.2	50.0	0	110.3	0	200	08/22/2011	
Vinyl chloride	2.0		47.4	50.0	0	94.8	0	200	08/22/2011	
Surr: 1,2-Dichloroethane-d4			49.6	50.0		99.2	72.2	131	08/22/2011	
Surr: 4-Bromofluorobenzene			51.3	50.0		102.5	82.1	116	08/22/2011	
Surr: Dibromofluoromethane			51.5	50.0		103.1	77.7	120	08/22/2011	
Surr: Toluene-d8			48.3	50.0		96.7	86	116	08/22/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

## SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 70655	SampType: LCSD	Units µg/Kg					RPD Limit 40			Date Analyzed
SampID: LCSD-A110822-2										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
1,1,1,2-Tetrachloroethane	5.0		48.1	50.0	0	96.2	47.58	1.13	08/22/2011	
1,1,1-Trichloroethane	5.0		50.8	50.0	0	101.6	49.87	1.89	08/22/2011	
1,1,2,2-Tetrachloroethane	5.0		54.0	50.0	0	108.0	53.18	1.51	08/22/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0		49.2	50.0	0	98.4	49.54	0.73	08/22/2011	
1,1,2-Trichloroethane	5.0		50.6	50.0	0	101.2	51.17	1.14	08/22/2011	
1,1-Dichloro-2-propanone	50.0		149	125	0	119.1	152.6	2.49	08/22/2011	
1,1-Dichloroethane	5.0		50.2	50.0	0	100.4	50.04	0.34	08/22/2011	
1,1-Dichloroethene	5.0		49.6	50.0	0	99.3	49.59	0.12	08/22/2011	
1,1-Dichloropropene	5.0		50.3	50.0	0	100.7	50.05	0.56	08/22/2011	
1,2,3-Trichlorobenzene	5.0		52.3	50.0	0	104.6	52.39	0.21	08/22/2011	
1,2,3-Trichloropropane	10.0		52.4	50.0	0	104.9	51.28	2.22	08/22/2011	
1,2,3-Trimethylbenzene	5.0		50.1	50.0	0	100.2	48.38	3.51	08/22/2011	
1,2,4-Trichlorobenzene	5.0		52.8	50.0	0	105.7	53.04	0.36	08/22/2011	
1,2,4-Trimethylbenzene	5.0		52.0	50.0	0	104.0	49.82	4.28	08/22/2011	
1,2-Dibromo-3-chloropropane	5.0		56.8	50.0	0	113.6	57.21	0.68	08/22/2011	
1,2-Dibromoethane	5.0		51.3	50.0	0	102.5	51.72	0.87	08/22/2011	
1,2-Dichlorobenzene	5.0		51.7	50.0	0	103.3	50.90	1.50	08/22/2011	
1,2-Dichloroethane	5.0		49.1	50.0	0	98.2	50.20	2.26	08/22/2011	
1,2-Dichloropropane	5.0		51.0	50.0	0	101.9	50.50	0.91	08/22/2011	
1,3,5-Trimethylbenzene	5.0		52.9	50.0	0	105.8	50.54	4.54	08/22/2011	
1,3-Dichlorobenzene	5.0		52.2	50.0	0	104.5	51.38	1.68	08/22/2011	
1,3-Dichloropropane	5.0		49.5	50.0	0	99.0	50.21	1.40	08/22/2011	
1,4-Dichlorobenzene	5.0		51.6	50.0	0	103.1	51.04	0.99	08/22/2011	
1-Chlorobutane	5.0		45.9	50.0	0	91.8	45.17	1.62	08/22/2011	
2,2-Dichloropropane	5.0		50.1	50.0	0	100.3	49.98	0.32	08/22/2011	
2-Butanone	50.0		157	125	0	125.4	150.8	3.83	08/22/2011	
2-Chlorotoluene	5.0		51.3	50.0	0	102.5	49.54	3.41	08/22/2011	
2-Hexanone	50.0		144	125	0	114.9	140.7	2.05	08/22/2011	
2-Nitropropane	50.0		575	500	0	115.0	586.0	1.88	08/22/2011	
4-Chlorotoluene	5.0		51.0	50.0	0	102.0	49.60	2.80	08/22/2011	
4-Methyl-2-pentanone	50.0		142	125	0	113.4	142.4	0.51	08/22/2011	
Acetone	50.0		141	125	0	112.8	134.7	4.54	08/22/2011	
Acrylonitrile	10.0		57.7	50.0	0	115.4	57.55	0.23	08/22/2011	
Allyl chloride	5.0		46.2	50.0	0	92.3	45.95	0.46	08/22/2011	
Benzene	1.0		51.2	50.0	0	102.3	50.29	1.72	08/22/2011	
Bromobenzene	5.0		51.9	50.0	0	103.8	51.00	1.75	08/22/2011	
Bromochloromethane	5.0		49.8	50.0	0	99.7	50.28	0.86	08/22/2011	
Bromodichloromethane	5.0		51.6	50.0	0	103.3	51.47	0.35	08/22/2011	
Bromoform	5.0		56.0	50.0	0	111.9	56.39	0.77	08/22/2011	
Bromomethane	10.0		36.0	50.0	0	72.0	35.75	0.67	08/22/2011	
Carbon disulfide	5.0		47.2	50.0	0	94.4	46.69	1.07	08/22/2011	
Carbon tetrachloride	5.0		51.5	50.0	0	103.0	50.84	1.31	08/22/2011	
Chlorobenzene	5.0		50.9	50.0	0	101.7	49.98	1.76	08/22/2011	
Chloroethane	10.0		51.0	50.0	0	101.9	52.25	2.50	08/22/2011	
Chloroform	5.0		49.7	50.0	0	99.4	49.33	0.71	08/22/2011	
Chloromethane	10.0		46.6	50.0	0	93.2	44.29	5.08	08/22/2011	
cis-1,2-Dichloroethene	5.0		51.7	50.0	0	103.4	51.61	0.15	08/22/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080894

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 30-Aug-11

### SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch 70655	SampType: LCSD	Units µg/Kg						RPD Limit 40		Date Analyzed
SampID: LCSD-A110822-2										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
cis-1,3-Dichloropropene	4.0		<b>54.7</b>	50.0	0	109.3	55.40	1.33	08/22/2011	
Cyclohexanone	100		<b>256</b>	250	0	102.5	255.3	0.39	08/22/2011	
Dibromochloromethane	5.0		<b>53.0</b>	50.0	0	105.9	52.91	0.08	08/22/2011	
Dibromomethane	5.0		<b>51.3</b>	50.0	0	102.7	51.95	1.18	08/22/2011	
Dichlorodifluoromethane	10.0	R	<b>15.9</b>	50.0	0	31.8	28.18	55.83	08/22/2011	
Ethyl acetate	50.0		<b>52.9</b>	50.0	0	105.8	53.30	0.72	08/22/2011	
Ethyl ether	5.0		<b>49.8</b>	50.0	0	99.5	51.14	2.76	08/22/2011	
Ethyl methacrylate	5.0		<b>53.2</b>	50.0	0	106.5	53.36	0.21	08/22/2011	
Ethylbenzene	5.0		<b>51.6</b>	50.0	0	103.2	50.44	2.25	08/22/2011	
Heptane	20.0		<b>50.7</b>	50.0	0	101.5	52.76	3.90	08/22/2011	
Hexachlorobutadiene	5.0		<b>51.1</b>	50.0	0	102.3	51.78	1.24	08/22/2011	
Hexachloroethane	5.0		<b>52.8</b>	50.0	0	105.6	50.61	4.22	08/22/2011	
Iodomethane	10.0		<b>54.6</b>	50.0	0	109.3	51.22	6.44	08/22/2011	
Isopropylbenzene	5.0		<b>52.0</b>	50.0	0	103.9	51.34	1.22	08/22/2011	
m,p-Xylenes	5.0		<b>104</b>	100	0	103.9	102.1	1.79	08/22/2011	
Methacrylonitrile	50.0		<b>56.8</b>	50.0	0	113.6	56.35	0.76	08/22/2011	
Methyl Methacrylate	5.0		<b>54.8</b>	50.0	0	109.6	55.47	1.25	08/22/2011	
Methyl tert-butyl ether	2.0		<b>53.4</b>	50.0	0	106.9	54.72	2.39	08/22/2011	
Methylacrylate	10.0		<b>54.7</b>	50.0	0	109.5	54.72	0.04	08/22/2011	
Methylene chloride	5.0		<b>55.3</b>	50.0	0	110.6	55.42	0.20	08/22/2011	
Naphthalene	10.0		<b>54.3</b>	50.0	0	108.6	53.60	1.30	08/22/2011	
n-Butylbenzene	5.0		<b>50.0</b>	50.0	0	100.1	49.22	1.67	08/22/2011	
n-Hexane	20.0		<b>47.4</b>	50.0	0	94.9	49.33	3.91	08/22/2011	
Nitrobenzene	100		<b>638</b>	500	0	127.6	643.0	0.78	08/22/2011	
n-Propylbenzene	5.0		<b>51.7</b>	50.0	0	103.4	50.07	3.20	08/22/2011	
o-Xylene	5.0		<b>51.3</b>	50.0	0	102.5	50.57	1.36	08/22/2011	
Pentachloroethane	5.0		<b>60.6</b>	50.0	0	121.3	59.06	2.62	08/22/2011	
p-Isopropyltoluene	5.0		<b>51.2</b>	50.0	0	102.5	50.27	1.89	08/22/2011	
Propionitrile	50.0		<b>582</b>	500	0	116.4	576.4	0.99	08/22/2011	
sec-Butylbenzene	5.0		<b>51.8</b>	50.0	0	103.5	49.69	4.08	08/22/2011	
Styrene	5.0		<b>53.9</b>	50.0	0	107.8	53.52	0.69	08/22/2011	
tert-Butylbenzene	5.0		<b>50.4</b>	50.0	0	100.7	47.97	4.84	08/22/2011	
Tetrachloroethene	5.0		<b>47.1</b>	50.0	0	94.3	46.31	1.76	08/22/2011	
Tetrahydrofuran	50.0		<b>59.0</b>	50.0	0	118.0	58.58	0.75	08/22/2011	
Toluene	5.0		<b>49.7</b>	50.0	0	99.4	48.14	3.15	08/22/2011	
trans-1,2-Dichloroethene	5.0		<b>49.8</b>	50.0	0	99.6	50.04	0.44	08/22/2011	
trans-1,3-Dichloropropene	4.0		<b>51.8</b>	50.0	0	103.6	51.81	0.00	08/22/2011	
Trichloroethene	5.0		<b>52.9</b>	50.0	0	105.7	51.72	2.20	08/22/2011	
Trichlorofluoromethane	5.0		<b>50.7</b>	50.0	0	101.5	50.04	1.37	08/22/2011	
Vinyl acetate	50.0		<b>53.8</b>	50.0	0	107.6	55.17	2.51	08/22/2011	
Vinyl chloride	2.0		<b>49.1</b>	50.0	0	98.2	47.39	3.50	08/22/2011	
Surr: 1,2-Dichloroethane-d4			<b>48.0</b>	50.0		96.0			08/22/2011	
Surr: 4-Bromofluorobenzene			<b>50.8</b>	50.0		101.7			08/22/2011	
Surr: Dibromofluoromethane			<b>50.2</b>	50.0		100.4			08/22/2011	
Surr: Toluene-d8			<b>48.4</b>	50.0		96.8			08/22/2011	



Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

**SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS**

Batch 70765		SampType: MBLK		Units µg/Kg						Date Analyzed
SampID: MBLK-F110825-2										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	1.0		ND						08/25/2011	
Ethylbenzene	5.0		ND						08/25/2011	
Toluene	5.0		ND						08/25/2011	
Xylenes, Total	5.0		ND						08/25/2011	
Surr: 1,2-Dichloroethane-d4			53.0	50.0		105.9	72.2	131	08/25/2011	
Surr: 4-Bromofluorobenzene			50.5	50.0		101.0	82.1	116	08/25/2011	
Surr: Dibromofluoromethane			53.5	50.0		107.0	77.7	120	08/25/2011	
Surr: Toluene-d8			47.3	50.0		94.7	86	116	08/25/2011	

Batch 70765		SampType: LCSD		Units µg/Kg		RPD Limit 40				Date Analyzed
SampID: LCSD-F110825-2										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Benzene	1.0		45.6	50.0	0	91.2	46.39	1.70	08/25/2011	
Ethylbenzene	5.0		51.3	50.0	0	102.5	49.52	3.45	08/25/2011	
Toluene	5.0		50.1	50.0	0	100.1	48.82	2.53	08/25/2011	
Xylenes, Total	5.0		152	150	0	101.4	148.8	2.24	08/25/2011	
Surr: 1,2-Dichloroethane-d4			52.2	50.0		104.3			08/25/2011	
Surr: 4-Bromofluorobenzene			51.1	50.0		102.3			08/25/2011	
Surr: Dibromofluoromethane			53.4	50.0		106.8			08/25/2011	
Surr: Toluene-d8			49.8	50.0		99.5			08/25/2011	

Batch 70765		SampType: LCS		Units µg/Kg						Date Analyzed
SampID: LCS-F110825-2										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	1.0		46.4	50.0	0	92.8	73.9	109	08/25/2011	
Ethylbenzene	5.0		49.5	50.0	0	99.0	84.1	115	08/25/2011	
Toluene	5.0		48.8	50.0	0	97.6	79.1	112	08/25/2011	
Xylenes, Total	5.0		149	150	0	99.2	79.1	117	08/25/2011	
Surr: 1,2-Dichloroethane-d4			52.2	50.0		104.5	72.2	131	08/25/2011	
Surr: 4-Bromofluorobenzene			50.8	50.0		101.6	82.1	116	08/25/2011	
Surr: Dibromofluoromethane			53.6	50.0		107.2	77.7	120	08/25/2011	
Surr: Toluene-d8			49.5	50.0		99.0	86	116	08/25/2011	

Batch 70809		SampType: MBLK		Units µg/Kg						Date Analyzed
SampID: MBLK-F110826-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	1.0		ND						08/26/2011	
Ethylbenzene	5.0		ND						08/26/2011	
Toluene	5.0		ND						08/26/2011	
Xylenes, Total	5.0		ND						08/26/2011	
Surr: 1,2-Dichloroethane-d4			53.3	50.0		106.6	72.2	131	08/26/2011	
Surr: 4-Bromofluorobenzene			51.0	50.0		102.0	82.1	116	08/26/2011	
Surr: Dibromofluoromethane			53.6	50.0		107.2	77.7	120	08/26/2011	
Surr: Toluene-d8			49.3	50.0		98.6	86	116	08/26/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080894

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 30-Aug-11

**SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS**

Batch 70809		SampType: LCSD		Units µg/Kg				RPD Limit 40		Date Analyzed
SampID: LCSD-F110826-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Benzene	1.0		45.8	50.0	0	91.6	46.35	1.17	08/26/2011	
Ethylbenzene	5.0		51.6	50.0	0	103.1	50.57	1.92	08/26/2011	
Toluene	5.0		49.0	50.0	0	97.9	49.04	0.16	08/26/2011	
Xylenes, Total	5.0		150	150	0	100.3	148.4	1.36	08/26/2011	
Surr: 1,2-Dichloroethane-d4			52.6	50.0		105.2			08/26/2011	
Surr: 4-Bromofluorobenzene			51.2	50.0		102.5			08/26/2011	
Surr: Dibromofluoromethane			53.3	50.0		106.6			08/26/2011	
Surr: Toluene-d8			49.9	50.0		99.9			08/26/2011	

Batch 70809		SampType: LCS		Units µg/Kg				RPD Limit 40		Date Analyzed
SampID: LCS-F110826-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Benzene	1.0		46.4	50.0	0	92.7	73.9	109	08/26/2011	
Ethylbenzene	5.0		50.6	50.0	0	101.1	84.1	115	08/26/2011	
Toluene	5.0		49.0	50.0	0	98.1	79.1	112	08/26/2011	
Xylenes, Total	5.0		148	150	0	99.0	79.1	117	08/26/2011	
Surr: 1,2-Dichloroethane-d4			53.1	50.0		106.2	72.2	131	08/26/2011	
Surr: 4-Bromofluorobenzene			50.4	50.0		100.7	82.1	116	08/26/2011	
Surr: Dibromofluoromethane			54.3	50.0		108.6	77.7	120	08/26/2011	
Surr: Toluene-d8			50.6	50.0		101.1	86	116	08/26/2011	

Batch 70841		SampType: MBLK		Units µg/Kg				RPD Limit 40		Date Analyzed
SampID: MBLK-F110829-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Benzene	1.0		ND						08/29/2011	
Ethylbenzene	5.0		ND						08/29/2011	
Toluene	5.0		ND						08/29/2011	
Xylenes, Total	5.0		ND						08/29/2011	
Surr: 1,2-Dichloroethane-d4			54.8	50.0		109.5	72.2	131	08/29/2011	
Surr: 4-Bromofluorobenzene			52.1	50.0		104.3	82.1	116	08/29/2011	
Surr: Dibromofluoromethane			55.6	50.0		111.2	77.7	120	08/29/2011	
Surr: Toluene-d8			50.5	50.0		101.1	86	116	08/29/2011	

Batch 70841		SampType: LCSD		Units µg/Kg				RPD Limit 40		Date Analyzed
SampID: LCSD-F110829-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Benzene	1.0		45.9	50.0	0	91.9	44.61	2.94	08/29/2011	
Ethylbenzene	5.0		48.6	50.0	0	97.1	49.48	1.88	08/29/2011	
Toluene	5.0		48.0	50.0	0	96.0	48.17	0.33	08/29/2011	
Xylenes, Total	5.0		146	150	0	97.6	150.0	2.41	08/29/2011	
Surr: 1,2-Dichloroethane-d4			54.0	50.0		107.9			08/29/2011	
Surr: 4-Bromofluorobenzene			51.7	50.0		103.4			08/29/2011	
Surr: Dibromofluoromethane			53.9	50.0		107.8			08/29/2011	
Surr: Toluene-d8			49.2	50.0		98.4			08/29/2011	



## Quality Control Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11080894

**Client Project:** A831-735002-012901-225Ameren Champaign 62409080120

**Report Date:** 30-Aug-11

### SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

**Batch** 70841      **SampType:** LCS      Units  $\mu\text{g/Kg}$

SampID: LCS-F110829-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzene	1.0		<b>44.6</b>	50.0	0	89.2	73.9	109	08/29/2011
Ethylbenzene	5.0		<b>49.5</b>	50.0	0	99.0	84.1	115	08/29/2011
Toluene	5.0		<b>48.2</b>	50.0	0	96.3	79.1	112	08/29/2011
Xylenes, Total	5.0		<b>150</b>	150	0	100.0	79.1	117	08/29/2011
Surr: 1,2-Dichloroethane-d4			<b>53.2</b>	50.0		106.3	72.2	131	08/29/2011
Surr: 4-Bromofluorobenzene			<b>51.8</b>	50.0		103.6	82.1	116	08/29/2011
Surr: Dibromofluoromethane			<b>54.8</b>	50.0		109.6	77.7	120	08/29/2011
Surr: Toluene-d8			<b>49.4</b>	50.0		98.8	86	116	08/29/2011



# Receiving Check List

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11080894

Client Project: A831-735002-012901-225Ameren Champaign 62409080120

Report Date: 30-Aug-11

Carrier: Sean Spinner

Received By: MLD

Completed by: *Marvin L. Darling II*  
On: 19-Aug-11  
Marvin L. Darling

Reviewed by: *Elizabeth A. Hurley*  
On: 22-Aug-11  
Elizabeth A. Hurley

Pages to follow: Chain of custody  Extra pages included

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>	Temp °C 2.0
Type of thermal preservation?	None <input type="checkbox"/>	Ice <input checked="" type="checkbox"/>	Blue Ice <input type="checkbox"/>	Dry Ice <input type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Reported field parameters measured:	Field <input type="checkbox"/>	Lab <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	
Container/Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
<i>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.</i>				
Water - vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials <input checked="" type="checkbox"/>	
Water - TOX containers have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No TOX containers <input checked="" type="checkbox"/>	
Water - pH acceptable upon receipt?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		

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



# Chain of Custody Record

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

11080894

COC Serial No. 11325

OF

Project Name: CHAMPAIGN MCP Project Mgr.: P. SAZAMA  
 Project Number: 624-0508-020 Cost Code: 7000  
 Sampler(s): STAN

Laboratory	Name: <u>TEKLAB</u>	Location: <u>Collinsville</u>	Sample ID (depth)	Date	Time	Matrix					Total Number of Containers	Analyses by Method Name and Number							Comments (Field PID)	Lab ID #'s		
						Soil	Water	Air	Wipes	Other *		BTEX BALD	PHH - SIM BALD	ARSENIC	Chromium	BALD VOCs	BALD SUCCs	RCA RETs			GRANULE PHA	TPH-DH2
			PAS-15 (9) F	8-15-11	0900	X					5	X	X	X	X	X	X	X	X	X	X	11050894-001
			PA2-03 (10) F	8-15-11	1100	X					5	X	X	X	X	X	X	X	X	X	X	002
			PA2-04 WALL	8-15-11	1400	X					6	X	X	X	X	X	X	X	X	X	X	003
			PA2-01A (10) F	8-16-11	0940	X					6	X	X	X	X	X	X	X	X	X	X	004
			PA1-10F																			005
			PA1-WAY	8-16-11	1430	X					6	X	X	X	X	X	X	X	X	X	X	005
			PA4-06 (3)	8-17-11	0845	X					5	X	X	X	X	X	X	X	X	X	X	006
			PA4-07 (3)	8-17-11	1045	X					5	X	X	X	X	X	X	X	X	X	X	007
			PA4-05 (3)	8-17-11	1330	X					5	X	X	X	X	X	X	X	X	X	X	008
			PA4-02 (3)	8-18-11	0800	X					5	X	X	X	X	X	X	X	X	X	X	009
			PA4-01 (3)	8-18-11	0940	X					5	X	X	X	X	X	X	X	X	X	X	010

Laboratory Temperature upon Receipt  
2.0 C ICE

**Samples Iced:**  Yes  No

**Preservatives:**  
 Volatile Organics  
 VOC Soil (5035)  
 TPH  
 Metals  
 Cyanide  
 Other (Specify) \_\_\_\_\_

**Relinquished by:** Signature: STAN Date: 8/15/11 Time: 1300

**Relinquished by:** Signature: STAN Date: 8/19/11 Time: 1600

**Lab Directives:**  
 Requested TAT:  24-Hour  2-3 Days  STD  Other \_\_\_\_\_  
 E-mail and/or Mail Results to: P. SAZAMA / L. HARRIS  
 Send Invoice to: B. MARTIN (ANTON)  
 QC Deliverable Requested:  Full QC & Limits  CLP-LIKE  EDD  Other \_\_\_\_\_  
 Special Guidelines: \_\_\_\_\_  
 Reporting Limits: 14 MAC 240 / 142 TACO PER 2  
 \* Special: \_\_\_\_\_

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

**Received by:** Signature: STAN Date: 8/19/11 Time: 1300

**Received by:** Signature: MURRAY A. DONOHUE Date: 8/19/11 Time: 1600