

April 20, 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:** 11040237

Dear Pete Sazama:

TEKLAB, INC received 8 samples on 4/6/2011 3:10:00 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/>

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**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040237

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

**Report Date:** 20-Apr-11

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### 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

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**Report Date:** 20-Apr-11

**Cooler Receipt Temp:** 6.0 °C

Herbicide analysis performed by Keystone Laboratories, Inc.

## 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](mailto:jhriley@teklabinc.com)

### Springfield

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Phone (217) 698-1004

Fax (217) 698-1005

Email [kmclain@teklabinc.com](mailto:kmclain@teklabinc.com)

### Kansas City

Address 8421 Nieman Road  
Lenexa, KS 66214

Phone (913) 541-1998

Fax (913) 541-1998

Email [dthompson@teklabinc.com](mailto:dthompson@teklabinc.com)

State	Dept	Cert #	NELAP	Exp Date	Lab
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## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

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

**Report Date:** 20-Apr-11

**Lab ID:** 11040237-001

**Client Sample ID:** P8-H4-W (3 ft)

**Matrix:** SOLID

**Collection Date:** 04/06/2011 8:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		20.3	%	1	04/07/2011 12:50	R147832
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		79.7	%	1	04/07/2011 12:50	R147802
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		3.26		6.28	mg/Kg-dry	5	04/08/2011 8:43	R147856
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	3.14	SR	10.9	mg/Kg-dry	5	04/08/2011 8:43	R147856
<i>Sample concentration was greater than 5 times the spike concentration. RPD was outside of QC limit due to sample composition.</i>								
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.50		7.02	mg/Kg-dry	1	04/08/2011 16:26	67135
Barium	NELAP	0.50		114	mg/Kg-dry	1	04/08/2011 16:26	67135
Cadmium	NELAP	0.20	J	0.19	mg/Kg-dry	1	04/08/2011 16:26	67135
Chromium	NELAP	1.00		17.5	mg/Kg-dry	1	04/08/2011 16:26	67135
Lead	NELAP	4.00		18.1	mg/Kg-dry	1	04/08/2011 16:26	67135
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	04/08/2011 16:26	67135
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium	7740	NELAP		0.545	mg/Kg-dry	1	04/08/2011 18:18	67121
<b>SW-846 7471A</b>								
Mercury	NELAP	0.012		0.032	mg/Kg-dry	1	04/07/2011 12:35	67113
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.105		35.6	mg/Kg-dry	25	04/09/2011 1:45	67150
Acenaphthylene	NELAP	0.105		3.01	mg/Kg-dry	25	04/09/2011 1:45	67150
Anthracene	NELAP	0.105		17.6	mg/Kg-dry	25	04/09/2011 1:45	67150
Benzo(a)anthracene	NELAP	0.105		8.32	mg/Kg-dry	25	04/09/2011 1:45	67150
Benzo(a)pyrene	NELAP	0.105		7.04	mg/Kg-dry	25	04/09/2011 1:45	67150
Benzo(b)fluoranthene	NELAP	0.105		5.75	mg/Kg-dry	25	04/09/2011 1:45	67150
Benzo(g,h,i)perylene	NELAP	0.105		2.35	mg/Kg-dry	25	04/09/2011 1:45	67150
Benzo(k)fluoranthene	NELAP	0.105		1.78	mg/Kg-dry	25	04/09/2011 1:45	67150
Bis(2-ethylhexyl)phthalate	NELAP	2.07		ND	mg/Kg-dry	25	04/09/2011 1:45	67150
Chrysene	NELAP	0.105		8.13	mg/Kg-dry	25	04/09/2011 1:45	67150
Dibenzo(a,h)anthracene	NELAP	0.105		0.649	mg/Kg-dry	25	04/09/2011 1:45	67150
Fluoranthene	NELAP	0.105		16.8	mg/Kg-dry	25	04/09/2011 1:45	67150
Fluorene	NELAP	0.105		18.4	mg/Kg-dry	25	04/09/2011 1:45	67150
Indeno(1,2,3-cd)pyrene	NELAP	0.105		1.99	mg/Kg-dry	25	04/09/2011 1:45	67150
Naphthalene	NELAP	0.105		1.89	mg/Kg-dry	25	04/09/2011 1:45	67150
Phenanthrene	NELAP	0.210		55.0	mg/Kg-dry	50	04/11/2011 22:19	67150
Pyrene	NELAP	0.105		24.9	mg/Kg-dry	25	04/09/2011 1:45	67150
Surr: 2-Fluorobiphenyl		10-131		96.0	%REC	25	04/09/2011 1:45	67150
Surr: Nitrobenzene-d5		10-132		78.0	%REC	25	04/09/2011 1:45	67150
Surr: p-Terphenyl-d14		30.6-131		86.0	%REC	25	04/09/2011 1:45	67150
<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	15.4		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
1,2-Dichlorobenzene	NELAP	15.4		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
1,3-Dichlorobenzene	NELAP	15.4		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
1,4-Dichlorobenzene	NELAP	15.4		ND	mg/Kg-dry	25	04/12/2011 17:05	67151

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Client Sample ID: P8-H4-W (3 ft)

Matrix: SOLID

Collection Date: 04/06/2011 8:15

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	10.8		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
2,4,6-Trichlorophenol	NELAP	10.8		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
2,4-Dichlorophenol	NELAP	15.4		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
2,4-Dimethylphenol	NELAP	15.4		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
2,4-Dinitrophenol	NELAP	30.9		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
2,4-Dinitrotoluene	NELAP	10.8		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
2,6-Dinitrotoluene	NELAP	10.8		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
2-Chloronaphthalene	NELAP	10.8		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
2-Chlorophenol	NELAP	15.4		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
2-Methoxy-4-methylphenol		20.1		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
2-Methylnaphthalene	NELAP	10.8		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
2-Nitroaniline	NELAP	30.9		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
2-Nitrophenol	NELAP	10.8		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
3,3'-Dichlorobenzidine	NELAP	10.8		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
3-Nitroaniline	NELAP	30.9		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
4,6-Dinitro-2-methylphenol	NELAP	30.9		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
4-Bromophenyl phenyl ether	NELAP	10.8		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
4-Chloro-3-methylphenol	NELAP	15.4		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
4-Chloroaniline	NELAP	15.4		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
4-Chlorophenyl phenyl ether	NELAP	10.8		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
4-Nitroaniline	NELAP	15.4		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
4-Nitrophenol	NELAP	10.8		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
Aniline	NELAP	15.4		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
Azobenzene		10.8		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
Benzidine	NELAP	32.6		See note	mg/Kg-dry	25	04/12/2011 17:05	67151
Benzoic acid	NELAP	46.3		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
Benzyl alcohol	NELAP	15.4		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
Bis(2-chloroethoxy)methane	NELAP	10.8		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
Bis(2-chloroethyl)ether	NELAP	15.4		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
Bis(2-chloroisopropyl)ether	NELAP	10.8		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
Butyl benzyl phthalate	NELAP	10.8		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
Carbazole		15.4		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
Dibenzofuran	NELAP	10.8		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
Diethyl phthalate	NELAP	15.4		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
Dimethyl phthalate	NELAP	10.8		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
Di-n-butyl phthalate	NELAP	10.8		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
Di-n-octyl phthalate	NELAP	10.8		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
Hexachlorobenzene	NELAP	10.8		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
Hexachlorobutadiene	NELAP	15.4		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
Hexachlorocyclopentadiene	NELAP	10.8		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
Hexachloroethane	NELAP	15.4		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
Isophorone	NELAP	10.8		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
m,p-Cresol	NELAP	15.4		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
Nitrobenzene	NELAP	15.4		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
N-Nitrosodimethylamine	NELAP	15.4		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
N-Nitroso-di-n-propylamine	NELAP	15.4		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
N-Nitrosodiphenylamine	NELAP	15.4		ND	mg/Kg-dry	25	04/12/2011 17:05	67151

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Report Date: 20-Apr-11

Lab ID: 11040237-001

Client Sample ID: P8-H4-W (3 ft)

Matrix: SOLID

Collection Date: 04/06/2011 8:15

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	15.4		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
Pentachlorophenol	NELAP	61.8		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
Phenol	NELAP	10.8		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
Pyridine	NELAP	15.4		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
1,2-Diphenylhydrazine		26.0		ND	mg/Kg-dry	25	04/12/2011 17:05	67151
Surr: 2,4,6-Tribromophenol		32.7-130		37.9	%REC	25	04/12/2011 17:05	67151
Surr: 2-Fluorobiphenyl		34.1-116		112.8	%REC	25	04/12/2011 17:05	67151
Surr: 2-Fluorophenol		30.5-99		67.9	%REC	25	04/12/2011 17:05	67151
Surr: Nitrobenzene-d5		34.1-101		74.7	%REC	25	04/12/2011 17:05	67151
Surr: Phenol-d5		34.9-110		73.3	%REC	25	04/12/2011 17:05	67151
Surr: p-Terphenyl-d14		41.7-124		97.4	%REC	25	04/12/2011 17:05	67151
<i>Note: Benzidine is currently not reportable while extraction efficiency and recovery are investigated. Elevated reporting limit(s) due to sample extract composition.</i>								
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,1,1,2-Tetrachloroethane	NELAP	130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
1,1,1-Trichloroethane	NELAP	130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
1,1,2,2-Tetrachloroethane	NELAP	130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
1,1,2-Trichloro-1,2,2-trifluoroethane		130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
1,1,2-Trichloroethane	NELAP	130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
1,1-Dichloro-2-propanone		1300		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
1,1-Dichloroethane	NELAP	130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
1,1-Dichloroethene	NELAP	130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
1,1-Dichloropropene	NELAP	130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
1,2,3-Trichlorobenzene	NELAP	130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
1,2,3-Trichloropropane	NELAP	261		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
1,2,3-Trimethylbenzene		130		2570	µg/Kg-dry	12.5	04/08/2011 16:33	67230
1,2,4-Trichlorobenzene	NELAP	130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
1,2,4-Trimethylbenzene	NELAP	130		1060	µg/Kg-dry	12.5	04/08/2011 16:33	67230
1,2-Dibromo-3-chloropropane	NELAP	130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
1,2-Dibromoethane	NELAP	130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
1,2-Dichlorobenzene	NELAP	130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
1,2-Dichloroethane	NELAP	130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
1,2-Dichloropropane	NELAP	130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
1,3,5-Trimethylbenzene	NELAP	130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
1,3-Dichlorobenzene	NELAP	130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
1,3-Dichloropropane	NELAP	130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
1,4-Dichlorobenzene	NELAP	130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
1-Chlorobutane	NELAP	130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
2,2-Dichloropropane	NELAP	130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
2-Butanone	NELAP	1300		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
2-Chlorotoluene	NELAP	130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
2-Hexanone	NELAP	1300		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
2-Nitropropane	NELAP	1300		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
4-Chlorotoluene	NELAP	130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
4-Methyl-2-pentanone	NELAP	1300		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
Acetone	NELAP	1300		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
Acrolein	NELAP	2610		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230

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Report Date: 20-Apr-11

Lab ID: 11040237-001

Client Sample ID: P8-H4-W (3 ft)

Matrix: SOLID

Collection Date: 04/06/2011 8:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acrylonitrile	NELAP	261		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
Allyl chloride	NELAP	130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
Benzene	NELAP	26.1		49.8	µg/Kg-dry	12.5	04/08/2011 16:33	67230
Bromobenzene	NELAP	130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
Bromochloromethane	NELAP	130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
Bromodichloromethane	NELAP	130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
Bromoform	NELAP	130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
Bromomethane	NELAP	261		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
Carbon disulfide	NELAP	130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
Carbon tetrachloride	NELAP	130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
Chlorobenzene	NELAP	130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
Chloroethane	NELAP	261		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
Chloroform	NELAP	130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
Chloromethane	NELAP	261		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
cis-1,2-Dichloroethene	NELAP	130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
cis-1,3-Dichloropropene	NELAP	104		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
Cyclohexanone		2610		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
Dibromochloromethane	NELAP	130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
Dibromomethane	NELAP	130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
Dichlorodifluoromethane	NELAP	261		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
Ethyl acetate	NELAP	1300	J	540	µg/Kg-dry	12.5	04/08/2011 16:33	67230
Ethyl ether	NELAP	130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
Ethyl methacrylate	NELAP	130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
Ethylbenzene	NELAP	130		1020	µg/Kg-dry	12.5	04/08/2011 16:33	67230
Heptane		522		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
Hexachlorobutadiene	NELAP	130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
Hexachloroethane	NELAP	130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
Iodomethane	NELAP	261		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
Isopropylbenzene	NELAP	130		489	µg/Kg-dry	12.5	04/08/2011 16:33	67230
m,p-Xylenes	NELAP	130	J	110	µg/Kg-dry	12.5	04/08/2011 16:33	67230
Methacrylonitrile	NELAP	1300		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
Methyl Methacrylate	NELAP	130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
Methyl tert-butyl ether	NELAP	52.2		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
Methylacrylate		261		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
Methylene chloride	NELAP	130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
Naphthalene	NELAP	261		3010	µg/Kg-dry	12.5	04/08/2011 16:33	67230
n-Butylbenzene	NELAP	130		1190	µg/Kg-dry	12.5	04/08/2011 16:33	67230
n-Hexane		522		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
Nitrobenzene	NELAP	2610		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
n-Propylbenzene	NELAP	130		367	µg/Kg-dry	12.5	04/08/2011 16:33	67230
o-Xylene	NELAP	130		527	µg/Kg-dry	12.5	04/08/2011 16:33	67230
Pentachloroethane	NELAP	130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
p-Isopropyltoluene	NELAP	130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
Propionitrile	NELAP	1300		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
sec-Butylbenzene	NELAP	130		136	µg/Kg-dry	12.5	04/08/2011 16:33	67230
Styrene	NELAP	130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
tert-Butylbenzene	NELAP	130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230





## Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11040237

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

Report Date: 20-Apr-11

Lab ID: 11040237-001

Client Sample ID: P8-H4-W (3 ft)

Matrix: SOLID

Collection Date: 04/06/2011 8:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Tetrachloroethene	NELAP	130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
Tetrahydrofuran	NELAP	1300		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
Toluene	NELAP	130	J	32	µg/Kg-dry	12.5	04/08/2011 16:33	67230
trans-1,2-Dichloroethene	NELAP	130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
trans-1,3-Dichloropropene	NELAP	104		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
Trichloroethene	NELAP	130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
Trichlorofluoromethane	NELAP	130		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
Vinyl acetate	NELAP	1300		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
Vinyl chloride	NELAP	52.2		ND	µg/Kg-dry	12.5	04/08/2011 16:33	67230
Surr: 1,2-Dichloroethane-d4		72.2-131		106.2	%REC	12.5	04/08/2011 16:33	67230
Surr: 4-Bromofluorobenzene		82.1-116		102.3	%REC	12.5	04/08/2011 16:33	67230
Surr: Dibromofluoromethane		77.7-120		97.3	%REC	12.5	04/08/2011 16:33	67230
Surr: Toluene-d8		86-116		104.9	%REC	12.5	04/08/2011 16:33	67230

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11040237

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

Report Date: 20-Apr-11

Lab ID: 11040237-002

Client Sample ID: P8-H4-W (8 ft)

Matrix: SOLID

Collection Date: 04/06/2011 8:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		14.4	%	1	04/07/2011 12:50	R147832
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		85.6	%	1	04/07/2011 12:50	R147802
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.608		0.811	mg/Kg-dry	1	04/08/2011 8:43	R147856
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.61		1.55	mg/Kg-dry	1	04/08/2011 8:43	R147856
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.36		9.58	mg/Kg-dry	1	04/08/2011 16:31	67135
Barium	NELAP	0.47		77.7	mg/Kg-dry	1	04/08/2011 16:31	67135
Cadmium	NELAP	0.19		0.23	mg/Kg-dry	1	04/08/2011 16:31	67135
Chromium	NELAP	0.94		19.4	mg/Kg-dry	1	04/08/2011 16:31	67135
Lead	NELAP	3.77		13.2	mg/Kg-dry	1	04/08/2011 16:31	67135
Silver	NELAP	0.52		< 0.52	mg/Kg-dry	1	04/08/2011 16:31	67135
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.566		< 0.566	mg/Kg-dry	1	04/08/2011 17:34	67121
<b>SW-846 7471A</b>								
Mercury	NELAP	0.011	J	0.011	mg/Kg-dry	1	04/07/2011 12:35	67113
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		0.435	mg/Kg-dry	1	04/12/2011 10:25	67248
Acenaphthylene	NELAP	0.004		0.132	mg/Kg-dry	1	04/12/2011 10:25	67248
Anthracene	NELAP	0.004		0.168	mg/Kg-dry	1	04/12/2011 10:25	67248
Benzo(a)anthracene	NELAP	0.004		0.025	mg/Kg-dry	1	04/12/2011 10:25	67248
Benzo(a)pyrene	NELAP	0.004		0.017	mg/Kg-dry	1	04/12/2011 10:25	67248
Benzo(b)fluoranthene	NELAP	0.004		0.014	mg/Kg-dry	1	04/12/2011 10:25	67248
Benzo(g,h,i)perylene	NELAP	0.004		0.007	mg/Kg-dry	1	04/12/2011 10:25	67248
Benzo(k)fluoranthene	NELAP	0.004		0.005	mg/Kg-dry	1	04/12/2011 10:25	67248
Bis(2-ethylhexyl)phthalate	NELAP	0.078		ND	mg/Kg-dry	1	04/12/2011 10:25	67248
Chrysene	NELAP	0.004		0.020	mg/Kg-dry	1	04/12/2011 10:25	67248
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	04/12/2011 10:25	67248
Fluoranthene	NELAP	0.004		0.088	mg/Kg-dry	1	04/12/2011 10:25	67248
Fluorene	NELAP	0.004		0.283	mg/Kg-dry	1	04/12/2011 10:25	67248
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.006	mg/Kg-dry	1	04/12/2011 10:25	67248
Naphthalene	NELAP	0.004		0.024	mg/Kg-dry	1	04/12/2011 10:25	67248
Phenanthrene	NELAP	0.004		0.853	mg/Kg-dry	1	04/12/2011 10:25	67248
Pyrene	NELAP	0.004		0.108	mg/Kg-dry	1	04/12/2011 10:25	67248
Surr: 2-Fluorobiphenyl		10-131		71.2	%REC	1	04/12/2011 10:25	67248
Surr: Nitrobenzene-d5		10-132		72.3	%REC	1	04/12/2011 10:25	67248
Surr: p-Terphenyl-d14		30.6-131		85.6	%REC	1	04/12/2011 10:25	67248
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	0.583		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
1,2-Dichlorobenzene	NELAP	0.583		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
1,3-Dichlorobenzene	NELAP	0.583		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
1,4-Dichlorobenzene	NELAP	0.583		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
2,4,5-Trichlorophenol	NELAP	0.408		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
2,4,6-Trichlorophenol	NELAP	0.408		ND	mg/Kg-dry	1	04/12/2011 11:37	67219

Client: PSC Industrial Outsourcing, LP

Work Order: 11040237

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

Report Date: 20-Apr-11

Lab ID: 11040237-002

Client Sample ID: P8-H4-W (8 ft)

Matrix: SOLID

Collection Date: 04/06/2011 8:25

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-Dichlorophenol	NELAP	0.583		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
2,4-Dimethylphenol	NELAP	0.583		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
2,4-Dinitrophenol	NELAP	1.17		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
2,4-Dinitrotoluene	NELAP	0.408		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
2,6-Dinitrotoluene	NELAP	0.408		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
2-Chloronaphthalene	NELAP	0.408		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
2-Chlorophenol	NELAP	0.583		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
2-Methoxy-4-methylphenol		0.759		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
2-Methylnaphthalene	NELAP	0.408		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
2-Nitroaniline	NELAP	1.17		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
2-Nitrophenol	NELAP	0.408		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
3,3'-Dichlorobenzidine	NELAP	0.408		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
3-Nitroaniline	NELAP	1.17		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
4,6-Dinitro-2-methylphenol	NELAP	1.17		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
4-Bromophenyl phenyl ether	NELAP	0.408		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
4-Chloro-3-methylphenol	NELAP	0.583		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
4-Chloroaniline	NELAP	0.583		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
4-Chlorophenyl phenyl ether	NELAP	0.408		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
4-Nitroaniline	NELAP	0.583		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
4-Nitrophenol	NELAP	0.408		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
Aniline	NELAP	0.583		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
Azobenzene		0.408		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
Benzidine	NELAP	1.23		See note	mg/Kg-dry	1	04/12/2011 11:37	67219
Benzoic acid	NELAP	1.75		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
Benzyl alcohol	NELAP	0.583		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
Bis(2-chloroethoxy)methane	NELAP	0.408		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
Bis(2-chloroethyl)ether	NELAP	0.583		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
Bis(2-chloroisopropyl)ether	NELAP	0.408		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
Butyl benzyl phthalate	NELAP	0.408		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
Carbazole		0.583		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
Dibenzofuran	NELAP	0.408		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
Diethyl phthalate	NELAP	0.583		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
Dimethyl phthalate	NELAP	0.408		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
Di-n-butyl phthalate	NELAP	0.408		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
Di-n-octyl phthalate	NELAP	0.408		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
Hexachlorobenzene	NELAP	0.408		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
Hexachlorobutadiene	NELAP	0.583		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
Hexachlorocyclopentadiene	NELAP	0.408		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
Hexachloroethane	NELAP	0.583		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
Isophorone	NELAP	0.408		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
m,p-Cresol	NELAP	0.583		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
Nitrobenzene	NELAP	0.583		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
N-Nitrosodimethylamine	NELAP	0.583		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
N-Nitroso-di-n-propylamine	NELAP	0.583		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
N-Nitrosodiphenylamine	NELAP	0.583		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
o-Cresol	NELAP	0.583		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
Pentachlorophenol	NELAP	2.33		ND	mg/Kg-dry	1	04/12/2011 11:37	67219

Client: PSC Industrial Outsourcing, LP

Work Order: 11040237

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

Report Date: 20-Apr-11

Lab ID: 11040237-002

Client Sample ID: P8-H4-W (8 ft)

Matrix: SOLID

Collection Date: 04/06/2011 8:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Phenol	NELAP	0.408		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
Pyridine	NELAP	0.583		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
1,2-Diphenylhydrazine		0.980		ND	mg/Kg-dry	1	04/12/2011 11:37	67219
Surr: 2,4,6-Tribromophenol		32.7-130		92.5	%REC	1	04/12/2011 11:37	67219
Surr: 2-Fluorobiphenyl		34.1-116		82.3	%REC	1	04/12/2011 11:37	67219
Surr: 2-Fluorophenol		30.5-99		62.8	%REC	1	04/12/2011 11:37	67219
Surr: Nitrobenzene-d5		34.1-101		64.6	%REC	1	04/12/2011 11:37	67219
Surr: Phenol-d5		34.9-110		68.9	%REC	1	04/12/2011 11:37	67219
Surr: p-Terphenyl-d14		41.7-124		88.2	%REC	1	04/12/2011 11:37	67219

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	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
1,1,1-Trichloroethane	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
1,1,2,2-Tetrachloroethane	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
1,1,2-Trichloro-1,2,2-trifluoroethane		99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
1,1,2-Trichloroethane	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
1,1-Dichloro-2-propanone		99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
1,1-Dichloroethane	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
1,1-Dichloroethene	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
1,1-Dichloropropene	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
1,2,3-Trichlorobenzene	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
1,2,3-Trichloropropane	NELAP	199		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
1,2,3-Trimethylbenzene		99.5		382	µg/Kg-dry	12.5	04/08/2011 17:03	67230
1,2,4-Trichlorobenzene	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
1,2,4-Trimethylbenzene	NELAP	99.5		151	µg/Kg-dry	12.5	04/08/2011 17:03	67230
1,2-Dibromo-3-chloropropane	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
1,2-Dibromoethane	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
1,2-Dichlorobenzene	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
1,2-Dichloroethane	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
1,2-Dichloropropane	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
1,3,5-Trimethylbenzene	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
1,3-Dichlorobenzene	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
1,3-Dichloropropane	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
1,4-Dichlorobenzene	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
1-Chlorobutane	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
2,2-Dichloropropane	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
2-Butanone	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
2-Chlorotoluene	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
2-Hexanone	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
2-Nitropropane	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
4-Chlorotoluene	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
4-Methyl-2-pentanone	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
Acetone	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
Acrolein	NELAP	1990		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
Acrylonitrile	NELAP	199		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
Allyl chloride	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
Benzene	NELAP	19.9		21.3	µg/Kg-dry	12.5	04/08/2011 17:03	67230

Client: PSC Industrial Outsourcing, LP

Work Order: 11040237

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

Report Date: 20-Apr-11

Lab ID: 11040237-002

Client Sample ID: P8-H4-W (8 ft)

Matrix: SOLID

Collection Date: 04/06/2011 8:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Bromobenzene	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
Bromochloromethane	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
Bromodichloromethane	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
Bromoform	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
Bromomethane	NELAP	199		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
Carbon disulfide	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
Carbon tetrachloride	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
Chlorobenzene	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
Chloroethane	NELAP	199		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
Chloroform	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
Chloromethane	NELAP	199		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
cis-1,2-Dichloroethene	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
cis-1,3-Dichloropropene	NELAP	79.6		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
Cyclohexanone		1990		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
Dibromochloromethane	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
Dibromomethane	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
Dichlorodifluoromethane	NELAP	199		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
Ethyl acetate	NELAP	995	J	440	µg/Kg-dry	12.5	04/08/2011 17:03	67230
Ethyl ether	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
Ethyl methacrylate	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
Ethylbenzene	NELAP	99.5		254	µg/Kg-dry	12.5	04/08/2011 17:03	67230
Heptane		398		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
Hexachlorobutadiene	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
Hexachloroethane	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
Iodomethane	NELAP	199		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
Isopropylbenzene	NELAP	99.5		143	µg/Kg-dry	12.5	04/08/2011 17:03	67230
m,p-Xylenes	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
Methacrylonitrile	NELAP	995		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
Methyl Methacrylate	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
Methyl tert-butyl ether	NELAP	39.8		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
Methylacrylate		199		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
Methylene chloride	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
Naphthalene	NELAP	199		918	µg/Kg-dry	12.5	04/08/2011 17:03	67230
n-Butylbenzene	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
n-Hexane		398		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
Nitrobenzene	NELAP	1990		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
n-Propylbenzene	NELAP	99.5	J	66	µg/Kg-dry	12.5	04/08/2011 17:03	67230
o-Xylene	NELAP	99.5		117	µg/Kg-dry	12.5	04/08/2011 17:03	67230
Pentachloroethane	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
p-Isopropyltoluene	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
Propionitrile	NELAP	995		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
sec-Butylbenzene	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
Styrene	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
tert-Butylbenzene	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
Tetrachloroethene	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
Tetrahydrofuran	NELAP	995		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
Toluene	NELAP	99.5		111	µg/Kg-dry	12.5	04/08/2011 17:03	67230



# Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040237

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

**Report Date:** 20-Apr-11

**Lab ID:** 11040237-002

**Client Sample ID:** P8-H4-W (8 ft)

**Matrix:** SOLID

**Collection Date:** 04/06/2011 8:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
trans-1,2-Dichloroethene	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
trans-1,3-Dichloropropene	NELAP	79.6		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
Trichloroethene	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
Trichlorofluoromethane	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
Vinyl acetate	NELAP	995		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
Vinyl chloride	NELAP	39.8		ND	µg/Kg-dry	12.5	04/08/2011 17:03	67230
Surr: 1,2-Dichloroethane-d4		72.2-131		101.1	%REC	12.5	04/08/2011 17:03	67230
Surr: 4-Bromofluorobenzene		82.1-116		104.2	%REC	12.5	04/08/2011 17:03	67230
Surr: Dibromofluoromethane		77.7-120		95.4	%REC	12.5	04/08/2011 17:03	67230
Surr: Toluene-d8		86-116		107.6	%REC	12.5	04/08/2011 17:03	67230

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11040237

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

Report Date: 20-Apr-11

Lab ID: 11040237-003

Client Sample ID: P8-H3-W (3 ft)

Matrix: SOLID

Collection Date: 04/06/2011 8:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		22.7	%	1	04/07/2011 12:50	R147832
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		77.3	%	1	04/07/2011 12:50	R147802
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		2.59		Interference	mg/Kg-dry	4	04/08/2011 8:43	R147856
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	1.29		5.82	mg/Kg-dry	2	04/08/2011 8:43	R147856
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.45		7.18	mg/Kg-dry	1	04/08/2011 16:49	67135
Barium	NELAP	0.49		149	mg/Kg-dry	1	04/08/2011 16:49	67135
Cadmium	NELAP	0.20		0.25	mg/Kg-dry	1	04/08/2011 16:49	67135
Chromium	NELAP	0.98		15.6	mg/Kg-dry	1	04/08/2011 16:49	67135
Lead	NELAP	3.92		15.6	mg/Kg-dry	1	04/08/2011 16:49	67135
Silver	NELAP	0.54		< 0.54	mg/Kg-dry	1	04/08/2011 16:49	67135
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.588		< 0.588	mg/Kg-dry	1	04/08/2011 18:21	67121
<b>SW-846 7471A</b>								
Mercury	NELAP	0.013		0.045	mg/Kg-dry	1	04/07/2011 12:35	67113
<b>SW-846 3550B, 8081A, CHLORINATED PESTICIDES BY GC/ECD</b>								
4,4'-DDD	NELAP	215	S	ND	µg/Kg-dry	100	04/12/2011 19:30	67224
4,4'-DDE	NELAP	215	S	ND	µg/Kg-dry	100	04/12/2011 19:30	67224
4,4'-DDT	NELAP	215	S	ND	µg/Kg-dry	100	04/12/2011 19:30	67224
Alachlor	NELAP	215	S	ND	µg/Kg-dry	100	04/12/2011 19:30	67224
Aldrin	NELAP	215	S	ND	µg/Kg-dry	100	04/12/2011 19:30	67224
alpha-BHC	NELAP	215	S	ND	µg/Kg-dry	100	04/12/2011 19:30	67224
alpha-Chlordane	NELAP	215	S	ND	µg/Kg-dry	100	04/12/2011 19:30	67224
beta-BHC	NELAP	215	S	ND	µg/Kg-dry	100	04/12/2011 19:30	67224
Chlordane	NELAP	429		ND	µg/Kg-dry	100	04/12/2011 19:30	67224
delta-BHC	NELAP	215	S	ND	µg/Kg-dry	100	04/12/2011 19:30	67224
Dieldrin	NELAP	215	S	ND	µg/Kg-dry	100	04/12/2011 19:30	67224
Endosulfan I	NELAP	215	S	ND	µg/Kg-dry	100	04/12/2011 19:30	67224
Endosulfan II	NELAP	215	S	ND	µg/Kg-dry	100	04/12/2011 19:30	67224
Endosulfan sulfate	NELAP	215	S	ND	µg/Kg-dry	100	04/12/2011 19:30	67224
Endrin	NELAP	215	S	ND	µg/Kg-dry	100	04/12/2011 19:30	67224
Endrin aldehyde	NELAP	215	S	ND	µg/Kg-dry	100	04/12/2011 19:30	67224
Endrin ketone	NELAP	215	S	ND	µg/Kg-dry	100	04/12/2011 19:30	67224
gamma-BHC	NELAP	215	S	ND	µg/Kg-dry	100	04/12/2011 19:30	67224
gamma-Chlordane	NELAP	215	S	ND	µg/Kg-dry	100	04/12/2011 19:30	67224
Heptachlor	NELAP	215	S	ND	µg/Kg-dry	100	04/12/2011 19:30	67224
Heptachlor epoxide	NELAP	215	S	ND	µg/Kg-dry	100	04/12/2011 19:30	67224
Methoxychlor	NELAP	215	S	ND	µg/Kg-dry	100	04/12/2011 19:30	67224
Toxaphene	NELAP	3860		ND	µg/Kg-dry	100	04/12/2011 19:30	67224
Surr: Decachlorobiphenyl		48-149		109.6	%REC	100	04/12/2011 19:30	67224
Surr: Tetrachloro-m-xylene		19-145		61.6	%REC	100	04/12/2011 19:30	67224

Matrix spike did not recover within control limits because of sample dilution.

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11040237

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

Report Date: 20-Apr-11

Lab ID: 11040237-003

Client Sample ID: P8-H3-W (3 ft)

Matrix: SOLID

Collection Date: 04/06/2011 8:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8082, POLYCHLORINATED BIPHENYLS (PCBS) BY GC/ECD</b>								
Aroclor 1016	NELAP	48.2		ND	µg/Kg-dry	1	04/12/2011 18:46	67224
Aroclor 1221	NELAP	48.2		ND	µg/Kg-dry	1	04/12/2011 18:46	67224
Aroclor 1232	NELAP	48.2		ND	µg/Kg-dry	1	04/12/2011 18:46	67224
Aroclor 1242	NELAP	48.2		ND	µg/Kg-dry	1	04/12/2011 18:46	67224
Aroclor 1248	NELAP	48.2		ND	µg/Kg-dry	1	04/12/2011 18:46	67224
Aroclor 1254	NELAP	48.2		ND	µg/Kg-dry	1	04/12/2011 18:46	67224
Aroclor 1260	NELAP	48.2		ND	µg/Kg-dry	1	04/12/2011 18:46	67224
Surr: Decachlorobiphenyl		5-156		94.1	%REC	1	04/12/2011 18:46	67224
Surr: Tetrachloro-meta-xylene		7.35-123		76.3	%REC	1	04/12/2011 18:46	67224

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

Acenaphthene	NELAP	0.109		3.50	mg/Kg-dry	25	04/12/2011 11:01	67248
Acenaphthylene	NELAP	0.109		2.09	mg/Kg-dry	25	04/12/2011 11:01	67248
Anthracene	NELAP	0.109		2.17	mg/Kg-dry	25	04/12/2011 11:01	67248
Benzo(a)anthracene	NELAP	0.109		0.980	mg/Kg-dry	25	04/12/2011 11:01	67248
Benzo(a)pyrene	NELAP	0.109		1.46	mg/Kg-dry	25	04/12/2011 11:01	67248
Benzo(b)fluoranthene	NELAP	0.109		1.00	mg/Kg-dry	25	04/12/2011 11:01	67248
Benzo(g,h,i)perylene	NELAP	0.109		1.64	mg/Kg-dry	25	04/12/2011 11:01	67248
Benzo(k)fluoranthene	NELAP	0.109		0.288	mg/Kg-dry	25	04/12/2011 11:01	67248
Bis(2-ethylhexyl)phthalate	NELAP	2.14		ND	mg/Kg-dry	25	04/12/2011 11:01	67248
Chrysene	NELAP	0.109		0.959	mg/Kg-dry	25	04/12/2011 11:01	67248
Dibenzo(a,h)anthracene	NELAP	0.109		0.202	mg/Kg-dry	25	04/12/2011 11:01	67248
Fluoranthene	NELAP	0.109		1.82	mg/Kg-dry	25	04/12/2011 11:01	67248
Fluorene	NELAP	0.109		2.61	mg/Kg-dry	25	04/12/2011 11:01	67248
Indeno(1,2,3-cd)pyrene	NELAP	0.109		1.01	mg/Kg-dry	25	04/12/2011 11:01	67248
Naphthalene	NELAP	0.109		1.68	mg/Kg-dry	25	04/12/2011 11:01	67248
Phenanthrene	NELAP	0.109		2.61	mg/Kg-dry	25	04/12/2011 11:01	67248
Pyrene	NELAP	0.109		2.91	mg/Kg-dry	25	04/12/2011 11:01	67248
Surr: 2-Fluorobiphenyl		10-131		92.0	%REC	25	04/12/2011 11:01	67248
Surr: Nitrobenzene-d5		10-132		22.0	%REC	25	04/12/2011 11:01	67248
Surr: p-Terphenyl-d14		30.6-131		77.0	%REC	25	04/12/2011 11:01	67248

*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	3.20		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
1,2-Dichlorobenzene	NELAP	3.20		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
1,3-Dichlorobenzene	NELAP	3.20		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
1,4-Dichlorobenzene	NELAP	3.20		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
2,4,5-Trichlorophenol	NELAP	2.24		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
2,4,6-Trichlorophenol	NELAP	2.24		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
2,4-Dichlorophenol	NELAP	3.20		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
2,4-Dimethylphenol	NELAP	3.20		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
2,4-Dinitrophenol	NELAP	6.39		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
2,4-Dinitrotoluene	NELAP	2.24		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
2,6-Dinitrotoluene	NELAP	2.24		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
2-Chloronaphthalene	NELAP	2.24		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
2-Chlorophenol	NELAP	3.20		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
2-Methoxy-4-methylphenol		4.16		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
2-Methylnaphthalene	NELAP	2.24		ND	mg/Kg-dry	5	04/12/2011 13:16	67219



Client: PSC Industrial Outsourcing, LP

Work Order: 11040237

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

Report Date: 20-Apr-11

Lab ID: 11040237-003

Client Sample ID: P8-H3-W (3 ft)

Matrix: SOLID

Collection Date: 04/06/2011 8:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2-Nitroaniline	NELAP	6.39		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
2-Nitrophenol	NELAP	2.24		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
3,3'-Dichlorobenzidine	NELAP	2.24		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
3-Nitroaniline	NELAP	6.39		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
4,6-Dinitro-2-methylphenol	NELAP	6.39		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
4-Bromophenyl phenyl ether	NELAP	2.24		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
4-Chloro-3-methylphenol	NELAP	3.20		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
4-Chloroaniline	NELAP	3.20		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
4-Chlorophenyl phenyl ether	NELAP	2.24		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
4-Nitroaniline	NELAP	3.20		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
4-Nitrophenol	NELAP	2.24		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
Aniline	NELAP	3.20		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
Azobenzene		2.24		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
Benzidine	NELAP	6.75		See note	mg/Kg-dry	5	04/12/2011 13:16	67219
Benzoic acid	NELAP	9.59		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
Benzyl alcohol	NELAP	3.20		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
Bis(2-chloroethoxy)methane	NELAP	2.24		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
Bis(2-chloroethyl)ether	NELAP	3.20		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
Bis(2-chloroisopropyl)ether	NELAP	2.24		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
Butyl benzyl phthalate	NELAP	2.24		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
Carbazole		3.20		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
Dibenzofuran	NELAP	2.24		2.63	mg/Kg-dry	5	04/12/2011 13:16	67219
Diethyl phthalate	NELAP	3.20		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
Dimethyl phthalate	NELAP	2.24		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
Di-n-butyl phthalate	NELAP	2.24		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
Di-n-octyl phthalate	NELAP	2.24		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
Hexachlorobenzene	NELAP	2.24		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
Hexachlorobutadiene	NELAP	3.20		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
Hexachlorocyclopentadiene	NELAP	2.24		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
Hexachloroethane	NELAP	3.20		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
Isophorone	NELAP	2.24		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
m,p-Cresol	NELAP	3.20		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
Nitrobenzene	NELAP	3.20		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
N-Nitrosodimethylamine	NELAP	3.20		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
N-Nitroso-di-n-propylamine	NELAP	3.20		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
N-Nitrosodiphenylamine	NELAP	3.20		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
o-Cresol	NELAP	3.20		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
Pentachlorophenol	NELAP	12.8		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
Phenol	NELAP	2.24		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
Pyridine	NELAP	3.20		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
1,2-Diphenylhydrazine		5.37		ND	mg/Kg-dry	5	04/12/2011 13:16	67219
Surr: 2,4,6-Tribromophenol		32.7-130		104.2	%REC	5	04/12/2011 13:16	67219
Surr: 2-Fluorobiphenyl		34.1-116		99.6	%REC	5	04/12/2011 13:16	67219
Surr: 2-Fluorophenol		30.5-99		86.6	%REC	5	04/12/2011 13:16	67219
Surr: Nitrobenzene-d5		34.1-101	S	0	%REC	5	04/12/2011 13:16	67219
Surr: Phenol-d5		34.9-110		87.9	%REC	5	04/12/2011 13:16	67219
Surr: p-Terphenyl-d14		41.7-124		103.9	%REC	5	04/12/2011 13:16	67219

Client: PSC Industrial Outsourcing, LP

Work Order: 11040237

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

Report Date: 20-Apr-11

Lab ID: 11040237-003

Client Sample ID: P8-H3-W (3 ft)

Matrix: SOLID

Collection Date: 04/06/2011 8:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
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**SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS**

Surrogate recovery was outside QC limits due to matrix interference.

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	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
1,1,1-Trichloroethane	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
1,1,2,2-Tetrachloroethane	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
1,1,2-Trichloro-1,2,2-trifluoroethane		124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
1,1,2-Trichloroethane	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
1,1-Dichloro-2-propanone		1240		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
1,1-Dichloroethane	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
1,1-Dichloroethene	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
1,1-Dichloropropene	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
1,2,3-Trichlorobenzene	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
1,2,3-Trichloropropane	NELAP	249		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
1,2,3-Trimethylbenzene		124	J	73	µg/Kg-dry	12.5	04/08/2011 17:32	67230
1,2,4-Trichlorobenzene	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
1,2,4-Trimethylbenzene	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
1,2-Dibromo-3-chloropropane	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
1,2-Dibromoethane	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
1,2-Dichlorobenzene	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
1,2-Dichloroethane	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
1,2-Dichloropropane	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
1,3,5-Trimethylbenzene	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
1,3-Dichlorobenzene	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
1,3-Dichloropropane	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
1,4-Dichlorobenzene	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
1-Chlorobutane	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
2,2-Dichloropropane	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
2-Butanone	NELAP	1240		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
2-Chlorotoluene	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
2-Hexanone	NELAP	1240		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
2-Nitropropane	NELAP	1240		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
4-Chlorotoluene	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
4-Methyl-2-pentanone	NELAP	1240		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
Acetone	NELAP	1240		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
Acrolein	NELAP	2490		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
Acrylonitrile	NELAP	249		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
Allyl chloride	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
Benzene	NELAP	24.9		25.6	µg/Kg-dry	12.5	04/08/2011 17:32	67230
Bromobenzene	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
Bromochloromethane	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
Bromodichloromethane	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
Bromoform	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
Bromomethane	NELAP	249		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
Carbon disulfide	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
Carbon tetrachloride	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230

Client: PSC Industrial Outsourcing, LP

Work Order: 11040237

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

Report Date: 20-Apr-11

Lab ID: 11040237-003

Client Sample ID: P8-H3-W (3 ft)

Matrix: SOLID

Collection Date: 04/06/2011 8:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Chlorobenzene	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
Chloroethane	NELAP	249		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
Chloroform	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
Chloromethane	NELAP	249		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
cis-1,2-Dichloroethene	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
cis-1,3-Dichloropropene	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
Cyclohexanone		2490		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
Dibromochloromethane	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
Dibromomethane	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
Dichlorodifluoromethane	NELAP	249		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
Ethyl acetate	NELAP	1240	J	510	µg/Kg-dry	12.5	04/08/2011 17:32	67230
Ethyl ether	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
Ethyl methacrylate	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
Ethylbenzene	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
Heptane		497		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
Hexachlorobutadiene	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
Hexachloroethane	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
Iodomethane	NELAP	249		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
Isopropylbenzene	NELAP	124	J	46	µg/Kg-dry	12.5	04/08/2011 17:32	67230
m,p-Xylenes	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
Methacrylonitrile	NELAP	1240		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
Methyl Methacrylate	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
Methyl tert-butyl ether	NELAP	49.7		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
Methylacrylate		249		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
Methylene chloride	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
Naphthalene	NELAP	249		271	µg/Kg-dry	12.5	04/08/2011 17:32	67230
n-Butylbenzene	NELAP	124		268	µg/Kg-dry	12.5	04/08/2011 17:32	67230
n-Hexane		497		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
Nitrobenzene	NELAP	2490		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
n-Propylbenzene	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
o-Xylene	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
Pentachloroethane	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
p-Isopropyltoluene	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
Propionitrile	NELAP	1240		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
sec-Butylbenzene	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
Styrene	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
tert-Butylbenzene	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
Tetrachloroethene	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
Tetrahydrofuran	NELAP	1240		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
Toluene	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
trans-1,2-Dichloroethene	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
trans-1,3-Dichloropropene	NELAP	99.5		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
Trichloroethene	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
Trichlorofluoromethane	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
Vinyl acetate	NELAP	1240		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
Vinyl chloride	NELAP	49.7		ND	µg/Kg-dry	12.5	04/08/2011 17:32	67230
Surr: 1,2-Dichloroethane-d4		72.2-131		99.2	%REC	12.5	04/08/2011 17:32	67230

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040237

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

**Report Date:** 20-Apr-11

**Lab ID:** 11040237-003

**Client Sample ID:** P8-H3-W (3 ft)

**Matrix:** SOLID

**Collection Date:** 04/06/2011 8:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Surr: 4-Bromofluorobenzene		82.1-116		<b>98.6</b>	%REC	12.5	04/08/2011 17:32	67230
Surr: Dibromofluoromethane		77.7-120		<b>90.3</b>	%REC	12.5	04/08/2011 17:32	67230
Surr: Toluene-d8		86-116		<b>110.2</b>	%REC	12.5	04/08/2011 17:32	67230
<i>Elevated reporting limit due to high levels of target and/or non-target analytes.</i>								
<b>SW-846 8151A, CHLORINATED HERBICIDES BY GC/EC</b>								
2,4,5-T	NELAP	0.05		<b>ND</b>	mg/Kg-dry	1	04/15/2011 14:35	R148398
2,4,5-TP (Silvex)	NELAP	0.05		<b>ND</b>	mg/Kg-dry	1	04/15/2011 14:35	R148398
2,4-D	NELAP	0.05		<b>ND</b>	mg/Kg-dry	1	04/15/2011 14:35	R148398
2,4-DB	NELAP	0.05		<b>ND</b>	mg/Kg-dry	1	04/15/2011 14:35	R148398
3,5-Dichlorobenzoic Acid	NELAP	0.05		<b>ND</b>	mg/Kg-dry	1	04/15/2011 14:35	R148398
Acifluorfen	NELAP	0.05		<b>ND</b>	mg/Kg-dry	1	04/15/2011 14:35	R148398
Bentazon	NELAP	0.05		<b>ND</b>	mg/Kg-dry	1	04/15/2011 14:35	R148398
Chloramben	NELAP	0.05		<b>ND</b>	mg/Kg-dry	1	04/15/2011 14:35	R148398
Dalapon	NELAP	0.05		<b>ND</b>	mg/Kg-dry	1	04/15/2011 14:35	R148398
DCPA	NELAP	0.05		<b>ND</b>	mg/Kg-dry	1	04/15/2011 14:35	R148398
Dicamba	NELAP	0.05		<b>ND</b>	mg/Kg-dry	1	04/15/2011 14:35	R148398
Dichlorprop	NELAP	0.05		<b>ND</b>	mg/Kg-dry	1	04/15/2011 14:35	R148398
Dinoseb	NELAP	0.05		<b>ND</b>	mg/Kg-dry	1	04/15/2011 14:35	R148398
Pentachlorophenol	NELAP	0.05		<b>ND</b>	mg/Kg-dry	1	04/15/2011 14:35	R148398
Picloram	NELAP	0.05		<b>ND</b>	mg/Kg-dry	1	04/15/2011 14:35	R148398
Surr: DCAA		24-140		<b>110.0</b>	%REC	1	04/15/2011 14:35	R148398

Client: PSC Industrial Outsourcing, LP

Work Order: 11040237

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

Report Date: 20-Apr-11

Lab ID: 11040237-004

Client Sample ID: P8-H3-W (8 ft)

Matrix: SOLID

Collection Date: 04/06/2011 8:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		20.8	%	1	04/07/2011 12:50	R147832
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		79.2	%	1	04/07/2011 12:50	R147802
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.631	J	0.54	mg/Kg-dry	1	04/08/2011 8:43	R147856
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.63		2.03	mg/Kg-dry	1	04/08/2011 8:43	R147856
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.50		7.98	mg/Kg-dry	1	04/08/2011 16:54	67135
Barium	NELAP	0.50		147	mg/Kg-dry	1	04/08/2011 16:54	67135
Cadmium	NELAP	0.20		0.34	mg/Kg-dry	1	04/08/2011 16:54	67135
Chromium	NELAP	1.00		14.5	mg/Kg-dry	1	04/08/2011 16:54	67135
Lead	NELAP	4.00		10.2	mg/Kg-dry	1	04/08/2011 16:54	67135
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	04/08/2011 16:54	67135
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.556		< 0.556	mg/Kg-dry	1	04/08/2011 18:25	67121
<b>SW-846 7471A</b>								
Mercury	NELAP	0.013		0.014	mg/Kg-dry	1	04/07/2011 12:35	67113
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		0.637	mg/Kg-dry	1	04/12/2011 11:37	67248
Acenaphthylene	NELAP	0.004		0.070	mg/Kg-dry	1	04/12/2011 11:37	67248
Anthracene	NELAP	0.004		0.360	mg/Kg-dry	1	04/12/2011 11:37	67248
Benzo(a)anthracene	NELAP	0.004		0.160	mg/Kg-dry	1	04/12/2011 11:37	67248
Benzo(a)pyrene	NELAP	0.004		0.130	mg/Kg-dry	1	04/12/2011 11:37	67248
Benzo(b)fluoranthene	NELAP	0.004		0.113	mg/Kg-dry	1	04/12/2011 11:37	67248
Benzo(g,h,i)perylene	NELAP	0.004		0.055	mg/Kg-dry	1	04/12/2011 11:37	67248
Benzo(k)fluoranthene	NELAP	0.004		0.041	mg/Kg-dry	1	04/12/2011 11:37	67248
Bis(2-ethylhexyl)phthalate	NELAP	0.084		ND	mg/Kg-dry	1	04/12/2011 11:37	67248
Chrysene	NELAP	0.004		0.147	mg/Kg-dry	1	04/12/2011 11:37	67248
Dibenzo(a,h)anthracene	NELAP	0.004		0.016	mg/Kg-dry	1	04/12/2011 11:37	67248
Fluoranthene	NELAP	0.004		0.382	mg/Kg-dry	1	04/12/2011 11:37	67248
Fluorene	NELAP	0.004		0.270	mg/Kg-dry	1	04/12/2011 11:37	67248
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.045	mg/Kg-dry	1	04/12/2011 11:37	67248
Naphthalene	NELAP	0.004		0.018	mg/Kg-dry	1	04/12/2011 11:37	67248
Phenanthrene	NELAP	0.004		1.34	mg/Kg-dry	1	04/12/2011 11:37	67248
Pyrene	NELAP	0.004		0.536	mg/Kg-dry	1	04/12/2011 11:37	67248
Surr: 2-Fluorobiphenyl		10-131		71.4	%REC	1	04/12/2011 11:37	67248
Surr: Nitrobenzene-d5		10-132		69.9	%REC	1	04/12/2011 11:37	67248
Surr: p-Terphenyl-d14		30.6-131		80.9	%REC	1	04/12/2011 11:37	67248
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	0.627		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
1,2-Dichlorobenzene	NELAP	0.627		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
1,3-Dichlorobenzene	NELAP	0.627		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
1,4-Dichlorobenzene	NELAP	0.627		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
2,4,5-Trichlorophenol	NELAP	0.439		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
2,4,6-Trichlorophenol	NELAP	0.439		ND	mg/Kg-dry	1	04/12/2011 14:21	67219

Client: PSC Industrial Outsourcing, LP

Work Order: 11040237

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

Report Date: 20-Apr-11

Lab ID: 11040237-004

Client Sample ID: P8-H3-W (8 ft)

Matrix: SOLID

Collection Date: 04/06/2011 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>								
2,4-Dichlorophenol	NELAP	0.627		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
2,4-Dimethylphenol	NELAP	0.627		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
2,4-Dinitrophenol	NELAP	1.25		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
2,4-Dinitrotoluene	NELAP	0.439		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
2,6-Dinitrotoluene	NELAP	0.439		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
2-Chloronaphthalene	NELAP	0.439		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
2-Chlorophenol	NELAP	0.627		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
2-Methoxy-4-methylphenol		0.815		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
2-Methylnaphthalene	NELAP	0.439		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
2-Nitroaniline	NELAP	1.25		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
2-Nitrophenol	NELAP	0.439		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
3,3'-Dichlorobenzidine	NELAP	0.439		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
3-Nitroaniline	NELAP	1.25		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
4,6-Dinitro-2-methylphenol	NELAP	1.25		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
4-Bromophenyl phenyl ether	NELAP	0.439		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
4-Chloro-3-methylphenol	NELAP	0.627		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
4-Chloroaniline	NELAP	0.627		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
4-Chlorophenyl phenyl ether	NELAP	0.439		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
4-Nitroaniline	NELAP	0.627		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
4-Nitrophenol	NELAP	0.439		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
Aniline	NELAP	0.627		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
Azobenzene		0.439		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
Benzidine	NELAP	1.32		See note	mg/Kg-dry	1	04/12/2011 14:21	67219
Benzoic acid	NELAP	1.88		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
Benzyl alcohol	NELAP	0.627		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
Bis(2-chloroethoxy)methane	NELAP	0.439		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
Bis(2-chloroethyl)ether	NELAP	0.627		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
Bis(2-chloroisopropyl)ether	NELAP	0.439		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
Butyl benzyl phthalate	NELAP	0.439		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
Carbazole		0.627		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
Dibenzofuran	NELAP	0.439		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
Diethyl phthalate	NELAP	0.627		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
Dimethyl phthalate	NELAP	0.439		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
Di-n-butyl phthalate	NELAP	0.439		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
Di-n-octyl phthalate	NELAP	0.439		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
Hexachlorobenzene	NELAP	0.439		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
Hexachlorobutadiene	NELAP	0.627		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
Hexachlorocyclopentadiene	NELAP	0.439		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
Hexachloroethane	NELAP	0.627		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
Isophorone	NELAP	0.439		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
m,p-Cresol	NELAP	0.627		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
Nitrobenzene	NELAP	0.627		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
N-Nitrosodimethylamine	NELAP	0.627		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
N-Nitroso-di-n-propylamine	NELAP	0.627		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
N-Nitrosodiphenylamine	NELAP	0.627		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
o-Cresol	NELAP	0.627		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
Pentachlorophenol	NELAP	2.51		ND	mg/Kg-dry	1	04/12/2011 14:21	67219

Client: PSC Industrial Outsourcing, LP

Work Order: 11040237

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

Report Date: 20-Apr-11

Lab ID: 11040237-004

Client Sample ID: P8-H3-W (8 ft)

Matrix: SOLID

Collection Date: 04/06/2011 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>								
Phenol	NELAP	0.439		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
Pyridine	NELAP	0.627		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
1,2-Diphenylhydrazine		1.05		ND	mg/Kg-dry	1	04/12/2011 14:21	67219
Surr: 2,4,6-Tribromophenol		32.7-130		84.0	%REC	1	04/12/2011 14:21	67219
Surr: 2-Fluorobiphenyl		34.1-116		83.0	%REC	1	04/12/2011 14:21	67219
Surr: 2-Fluorophenol		30.5-99		68.9	%REC	1	04/12/2011 14:21	67219
Surr: Nitrobenzene-d5		34.1-101		67.5	%REC	1	04/12/2011 14:21	67219
Surr: Phenol-d5		34.9-110		69.8	%REC	1	04/12/2011 14:21	67219
Surr: p-Terphenyl-d14		41.7-124		83.0	%REC	1	04/12/2011 14:21	67219
<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	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
1,1,1-Trichloroethane	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
1,1,2,2-Tetrachloroethane	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
1,1,2-Trichloro-1,2,2-trifluoroethane		120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
1,1,2-Trichloroethane	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
1,1-Dichloro-2-propanone		1200		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
1,1-Dichloroethane	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
1,1-Dichloroethene	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
1,1-Dichloropropene	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
1,2,3-Trichlorobenzene	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
1,2,3-Trichloropropane	NELAP	239		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
1,2,3-Trimethylbenzene		120	J	38	µg/Kg-dry	12.5	04/08/2011 18:01	67230
1,2,4-Trichlorobenzene	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
1,2,4-Trimethylbenzene	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
1,2-Dibromo-3-chloropropane	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
1,2-Dibromoethane	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
1,2-Dichlorobenzene	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
1,2-Dichloroethane	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
1,2-Dichloropropane	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
1,3,5-Trimethylbenzene	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
1,3-Dichlorobenzene	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
1,3-Dichloropropane	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
1,4-Dichlorobenzene	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
1-Chlorobutane	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
2,2-Dichloropropane	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
2-Butanone	NELAP	1200		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
2-Chlorotoluene	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
2-Hexanone	NELAP	1200		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
2-Nitropropane	NELAP	1200		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
4-Chlorotoluene	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
4-Methyl-2-pentanone	NELAP	1200		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
Acetone	NELAP	1200		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
Acrolein	NELAP	2390		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
Acrylonitrile	NELAP	239		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
Allyl chloride	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
Benzene	NELAP	23.9		44.5	µg/Kg-dry	12.5	04/08/2011 18:01	67230

Client: PSC Industrial Outsourcing, LP

Work Order: 11040237

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

Report Date: 20-Apr-11

Lab ID: 11040237-004

Client Sample ID: P8-H3-W (8 ft)

Matrix: SOLID

Collection Date: 04/06/2011 8:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Bromobenzene	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
Bromochloromethane	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
Bromodichloromethane	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
Bromoform	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
Bromomethane	NELAP	239		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
Carbon disulfide	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
Carbon tetrachloride	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
Chlorobenzene	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
Chloroethane	NELAP	239		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
Chloroform	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
Chloromethane	NELAP	239		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
cis-1,2-Dichloroethene	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
cis-1,3-Dichloropropene	NELAP	95.8		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
Cyclohexanone		2390		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
Dibromochloromethane	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
Dibromomethane	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
Dichlorodifluoromethane	NELAP	239		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
Ethyl acetate	NELAP	1200	J	540	µg/Kg-dry	12.5	04/08/2011 18:01	67230
Ethyl ether	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
Ethyl methacrylate	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
Ethylbenzene	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
Heptane		479		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
Hexachlorobutadiene	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
Hexachloroethane	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
Iodomethane	NELAP	239		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
Isopropylbenzene	NELAP	120	J	28	µg/Kg-dry	12.5	04/08/2011 18:01	67230
m,p-Xylenes	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
Methacrylonitrile	NELAP	1200		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
Methyl Methacrylate	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
Methyl tert-butyl ether	NELAP	47.9		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
Methylacrylate		239		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
Methylene chloride	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
Naphthalene	NELAP	239		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
n-Butylbenzene	NELAP	120	J	70	µg/Kg-dry	12.5	04/08/2011 18:01	67230
n-Hexane		479		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
Nitrobenzene	NELAP	2390		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
n-Propylbenzene	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
o-Xylene	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
Pentachloroethane	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
p-Isopropyltoluene	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
Propionitrile	NELAP	1200		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
sec-Butylbenzene	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
Styrene	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
tert-Butylbenzene	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
Tetrachloroethene	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
Tetrahydrofuran	NELAP	1200		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
Toluene	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230





## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040237

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

**Report Date:** 20-Apr-11

**Lab ID:** 11040237-004

**Client Sample ID:** P8-H3-W (8 ft)

**Matrix:** SOLID

**Collection Date:** 04/06/2011 8:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
trans-1,2-Dichloroethene	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
trans-1,3-Dichloropropene	NELAP	95.8		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
Trichloroethene	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
Trichlorofluoromethane	NELAP	120		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
Vinyl acetate	NELAP	1200		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
Vinyl chloride	NELAP	47.9		ND	µg/Kg-dry	12.5	04/08/2011 18:01	67230
Surr: 1,2-Dichloroethane-d4		72.2-131		104.8	%REC	12.5	04/08/2011 18:01	67230
Surr: 4-Bromofluorobenzene		82.1-116		101.7	%REC	12.5	04/08/2011 18:01	67230
Surr: Dibromofluoromethane		77.7-120		100.1	%REC	12.5	04/08/2011 18:01	67230
Surr: Toluene-d8		86-116		96.2	%REC	12.5	04/08/2011 18:01	67230

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11040237

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

Report Date: 20-Apr-11

Lab ID: 11040237-005

Client Sample ID: P8-H2-W (3 ft)

Matrix: SOLID

Collection Date: 04/06/2011 8:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		19.5	%	1	04/07/2011 12:50	R147832
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		80.5	%	1	04/07/2011 12:50	R147802
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		1.34		1.79	mg/Kg-dry	2	04/08/2011 8:43	R147856
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	1.34		3.92	mg/Kg-dry	2	04/08/2011 8:43	R147856
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.23		10.5	mg/Kg-dry	1	04/08/2011 17:23	67135
Barium	NELAP	0.45		172	mg/Kg-dry	1	04/08/2011 17:23	67135
Cadmium	NELAP	0.18		0.31	mg/Kg-dry	1	04/08/2011 17:23	67135
Chromium	NELAP	0.89		22.3	mg/Kg-dry	1	04/08/2011 17:23	67135
Lead	NELAP	3.57		17.5	mg/Kg-dry	1	04/08/2011 17:23	67135
Silver	NELAP	0.49		< 0.49	mg/Kg-dry	1	04/08/2011 17:23	67135
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium	7740	NELAP	0.556	< 0.556	mg/Kg-dry	1	04/08/2011 18:28	67121
<b>SW-846 7471A</b>								
Mercury		NELAP	0.012	0.031	mg/Kg-dry	1	04/07/2011 12:35	67113
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.105		1.18	mg/Kg-dry	25	04/12/2011 15:26	67248
Acenaphthylene	NELAP	0.105		0.205	mg/Kg-dry	25	04/12/2011 15:26	67248
Anthracene	NELAP	0.105		0.554	mg/Kg-dry	25	04/12/2011 15:26	67248
Benzo(a)anthracene	NELAP	0.105		0.216	mg/Kg-dry	25	04/12/2011 15:26	67248
Benzo(a)pyrene	NELAP	0.105		ND	mg/Kg-dry	25	04/12/2011 15:26	67248
Benzo(b)fluoranthene	NELAP	0.105		ND	mg/Kg-dry	25	04/12/2011 15:26	67248
Benzo(g,h,i)perylene	NELAP	0.105		ND	mg/Kg-dry	25	04/12/2011 15:26	67248
Benzo(k)fluoranthene	NELAP	0.105		ND	mg/Kg-dry	25	04/12/2011 15:26	67248
Bis(2-ethylhexyl)phthalate	NELAP	2.06		ND	mg/Kg-dry	25	04/12/2011 15:26	67248
Chrysene	NELAP	0.105		0.113	mg/Kg-dry	25	04/12/2011 15:26	67248
Dibenzo(a,h)anthracene	NELAP	0.105		ND	mg/Kg-dry	25	04/12/2011 15:26	67248
Fluoranthene	NELAP	0.105		0.421	mg/Kg-dry	25	04/12/2011 15:26	67248
Fluorene	NELAP	0.105		1.04	mg/Kg-dry	25	04/12/2011 15:26	67248
Indeno(1,2,3-cd)pyrene	NELAP	0.105		ND	mg/Kg-dry	25	04/12/2011 15:26	67248
Naphthalene	NELAP	0.105		1.21	mg/Kg-dry	25	04/12/2011 15:26	67248
Phenanthrene	NELAP	0.105		1.22	mg/Kg-dry	25	04/12/2011 15:26	67248
Pyrene	NELAP	0.105		0.636	mg/Kg-dry	25	04/12/2011 15:26	67248
Surr: 2-Fluorobiphenyl		10-131		106.0	%REC	25	04/12/2011 15:26	67248
Surr: Nitrobenzene-d5		10-132		89.0	%REC	25	04/12/2011 15:26	67248
Surr: p-Terphenyl-d14		30.6-131		100	%REC	25	04/12/2011 15:26	67248
<i>Elevated reporting limit due to high levels of target and/or non-target analytes.</i>								
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	0.616		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
1,2-Dichlorobenzene	NELAP	0.616		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
1,3-Dichlorobenzene	NELAP	0.616		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
1,4-Dichlorobenzene	NELAP	0.616		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
2,4,5-Trichlorophenol	NELAP	0.431		ND	mg/Kg-dry	1	04/12/2011 14:54	67219

Client: PSC Industrial Outsourcing, LP

Work Order: 11040237

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

Report Date: 20-Apr-11

Lab ID: 11040237-005

Client Sample ID: P8-H2-W (3 ft)

Matrix: SOLID

Collection Date: 04/06/2011 8:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,6-Trichlorophenol	NELAP	0.431		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
2,4-Dichlorophenol	NELAP	0.616		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
2,4-Dimethylphenol	NELAP	0.616		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
2,4-Dinitrophenol	NELAP	1.23		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
2,4-Dinitrotoluene	NELAP	0.431		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
2,6-Dinitrotoluene	NELAP	0.431		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
2-Chloronaphthalene	NELAP	0.431		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
2-Chlorophenol	NELAP	0.616		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
2-Methoxy-4-methylphenol		0.801		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
2-Methylnaphthalene	NELAP	0.431		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
2-Nitroaniline	NELAP	1.23		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
2-Nitrophenol	NELAP	0.431		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
3,3'-Dichlorobenzidine	NELAP	0.431		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
3-Nitroaniline	NELAP	1.23		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
4,6-Dinitro-2-methylphenol	NELAP	1.23		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
4-Bromophenyl phenyl ether	NELAP	0.431		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
4-Chloro-3-methylphenol	NELAP	0.616		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
4-Chloroaniline	NELAP	0.616		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
4-Chlorophenyl phenyl ether	NELAP	0.431		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
4-Nitroaniline	NELAP	0.616		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
4-Nitrophenol	NELAP	0.431		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
Aniline	NELAP	0.616		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
Azobenzene		0.431		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
Benzidine	NELAP	1.30		See note	mg/Kg-dry	1	04/12/2011 14:54	67219
Benzoic acid	NELAP	1.85		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
Benzyl alcohol	NELAP	0.616		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
Bis(2-chloroethoxy)methane	NELAP	0.431		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
Bis(2-chloroethyl)ether	NELAP	0.616		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
Bis(2-chloroisopropyl)ether	NELAP	0.431		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
Butyl benzyl phthalate	NELAP	0.431		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
Carbazole		0.616		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
Dibenzofuran	NELAP	0.431		0.656	mg/Kg-dry	1	04/12/2011 14:54	67219
Diethyl phthalate	NELAP	0.616		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
Dimethyl phthalate	NELAP	0.431		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
Di-n-butyl phthalate	NELAP	0.431		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
Di-n-octyl phthalate	NELAP	0.431		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
Hexachlorobenzene	NELAP	0.431		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
Hexachlorobutadiene	NELAP	0.616		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
Hexachlorocyclopentadiene	NELAP	0.431		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
Hexachloroethane	NELAP	0.616		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
Isophorone	NELAP	0.431		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
m,p-Cresol	NELAP	0.616		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
Nitrobenzene	NELAP	0.616		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
N-Nitrosodimethylamine	NELAP	0.616		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
N-Nitroso-di-n-propylamine	NELAP	0.616		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
N-Nitrosodiphenylamine	NELAP	0.616		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
o-Cresol	NELAP	0.616		ND	mg/Kg-dry	1	04/12/2011 14:54	67219

Client: PSC Industrial Outsourcing, LP

Work Order: 11040237

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

Report Date: 20-Apr-11

Lab ID: 11040237-005

Client Sample ID: P8-H2-W (3 ft)

Matrix: SOLID

Collection Date: 04/06/2011 8:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Pentachlorophenol	NELAP	2.46		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
Phenol	NELAP	0.431		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
Pyridine	NELAP	0.616		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
1,2-Diphenylhydrazine		1.03		ND	mg/Kg-dry	1	04/12/2011 14:54	67219
Surr: 2,4,6-Tribromophenol		32.7-130		90.7	%REC	1	04/12/2011 14:54	67219
Surr: 2-Fluorobiphenyl		34.1-116	S	116.8	%REC	1	04/12/2011 14:54	67219
Surr: 2-Fluorophenol		30.5-99		67.5	%REC	1	04/12/2011 14:54	67219
Surr: Nitrobenzene-d5		34.1-101	S	0	%REC	1	04/12/2011 14:54	67219
Surr: Phenol-d5		34.9-110		68.8	%REC	1	04/12/2011 14:54	67219
Surr: p-Terphenyl-d14		41.7-124		83.1	%REC	1	04/12/2011 14:54	67219

Surrogate recovery was outside QC limits due to matrix interference.

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

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

1,1,1,2-Tetrachloroethane	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
1,1,1-Trichloroethane	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
1,1,2,2-Tetrachloroethane	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
1,1,2-Trichloro-1,2,2-trifluoroethane		155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
1,1,2-Trichloroethane	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
1,1-Dichloro-2-propanone		1550		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
1,1-Dichloroethane	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
1,1-Dichloroethene	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
1,1-Dichloropropene	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
1,2,3-Trichlorobenzene	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
1,2,3-Trichloropropane	NELAP	309		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
1,2,3-Trimethylbenzene		155		239	µg/Kg-dry	12.5	04/08/2011 18:30	67230
1,2,4-Trichlorobenzene	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
1,2,4-Trimethylbenzene	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
1,2-Dibromo-3-chloropropane	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
1,2-Dibromoethane	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
1,2-Dichlorobenzene	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
1,2-Dichloroethane	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
1,2-Dichloropropane	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
1,3,5-Trimethylbenzene	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
1,3-Dichlorobenzene	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
1,3-Dichloropropane	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
1,4-Dichlorobenzene	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
1-Chlorobutane	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
2,2-Dichloropropane	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
2-Butanone	NELAP	1550		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
2-Chlorotoluene	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
2-Hexanone	NELAP	1550		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
2-Nitropropane	NELAP	1550		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
4-Chlorotoluene	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
4-Methyl-2-pentanone	NELAP	1550		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
Acetone	NELAP	1550		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
Acrolein	NELAP	3090		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
Acrylonitrile	NELAP	309		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230

Client: PSC Industrial Outsourcing, LP

Work Order: 11040237

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

Report Date: 20-Apr-11

Lab ID: 11040237-005

Client Sample ID: P8-H2-W (3 ft)

Matrix: SOLID

Collection Date: 04/06/2011 8:50

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	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
Benzene	NELAP	30.9		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
Bromobenzene	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
Bromochloromethane	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
Bromodichloromethane	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
Bromoform	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
Bromomethane	NELAP	309		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
Carbon disulfide	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
Carbon tetrachloride	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
Chlorobenzene	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
Chloroethane	NELAP	309		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
Chloroform	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
Chloromethane	NELAP	309		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
cis-1,2-Dichloroethene	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
cis-1,3-Dichloropropene	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
Cyclohexanone		3090		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
Dibromochloromethane	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
Dibromomethane	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
Dichlorodifluoromethane	NELAP	309		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
Ethyl acetate	NELAP	1550	J	700	µg/Kg-dry	12.5	04/08/2011 18:30	67230
Ethyl ether	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
Ethyl methacrylate	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
Ethylbenzene	NELAP	155	J	70	µg/Kg-dry	12.5	04/08/2011 18:30	67230
Heptane		619	J	120	µg/Kg-dry	12.5	04/08/2011 18:30	67230
Hexachlorobutadiene	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
Hexachloroethane	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
Iodomethane	NELAP	309		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
Isopropylbenzene	NELAP	155		512	µg/Kg-dry	12.5	04/08/2011 18:30	67230
m,p-Xylenes	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
Methacrylonitrile	NELAP	1550		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
Methyl Methacrylate	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
Methyl tert-butyl ether	NELAP	61.9		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
Methylacrylate		309		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
Methylene chloride	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
Naphthalene	NELAP	309		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
n-Butylbenzene	NELAP	155		1930	µg/Kg-dry	12.5	04/08/2011 18:30	67230
n-Hexane		619		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
Nitrobenzene	NELAP	3090		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
n-Propylbenzene	NELAP	155		326	µg/Kg-dry	12.5	04/08/2011 18:30	67230
o-Xylene	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
Pentachloroethane	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
p-Isopropyltoluene	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
Propionitrile	NELAP	1550		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
sec-Butylbenzene	NELAP	155		490	µg/Kg-dry	12.5	04/08/2011 18:30	67230
Styrene	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
tert-Butylbenzene	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
Tetrachloroethene	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040237

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

**Report Date:** 20-Apr-11

**Lab ID:** 11040237-005

**Client Sample ID:** P8-H2-W (3 ft)

**Matrix:** SOLID

**Collection Date:** 04/06/2011 8:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Tetrahydrofuran	NELAP	1550		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
Toluene	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
trans-1,2-Dichloroethene	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
trans-1,3-Dichloropropene	NELAP	124		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
Trichloroethene	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
Trichlorofluoromethane	NELAP	155		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
Vinyl acetate	NELAP	1550		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
Vinyl chloride	NELAP	61.9		ND	µg/Kg-dry	12.5	04/08/2011 18:30	67230
Surr: 1,2-Dichloroethane-d4		72.2-131		<b>101.6</b>	%REC	12.5	04/08/2011 18:30	67230
Surr: 4-Bromofluorobenzene		82.1-116		<b>98.9</b>	%REC	12.5	04/08/2011 18:30	67230
Surr: Dibromofluoromethane		77.7-120		<b>95.0</b>	%REC	12.5	04/08/2011 18:30	67230
Surr: Toluene-d8		86-116		<b>106.3</b>	%REC	12.5	04/08/2011 18:30	67230

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11040237

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

Report Date: 20-Apr-11

Lab ID: 11040237-006

Client Sample ID: P8-H2-W (8 ft)

Matrix: SOLID

Collection Date: 04/06/2011 8:55

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		16.4	%	1	04/07/2011 12:50	R147832
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		83.6	%	1	04/07/2011 12:50	R147802
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.646		< 0.646	mg/Kg-dry	1	04/08/2011 8:43	R147856
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.65		1.84	mg/Kg-dry	1	04/08/2011 8:43	R147856
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.45		8.67	mg/Kg-dry	1	04/11/2011 16:47	67165
Barium	NELAP	0.49		61.7	mg/Kg-dry	1	04/11/2011 16:47	67165
Cadmium	NELAP	0.20		0.36	mg/Kg-dry	1	04/11/2011 16:47	67165
Chromium	NELAP	0.98		17.2	mg/Kg-dry	1	04/11/2011 16:47	67165
Lead	NELAP	3.92		20.4	mg/Kg-dry	1	04/11/2011 16:47	67165
Silver	NELAP	0.54		< 0.54	mg/Kg-dry	1	04/11/2011 16:47	67165
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.588		< 0.588	mg/Kg-dry	1	04/08/2011 9:28	67122
<b>SW-846 7471A</b>								
Mercury	NELAP	0.012		0.020	mg/Kg-dry	1	04/07/2011 12:35	67113
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004	J	0.004	mg/Kg-dry	1	04/12/2011 13:39	67248
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	04/12/2011 13:39	67248
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	04/12/2011 13:39	67248
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	04/12/2011 13:39	67248
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	04/12/2011 13:39	67248
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	04/12/2011 13:39	67248
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	04/12/2011 13:39	67248
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	04/12/2011 13:39	67248
Bis(2-ethylhexyl)phthalate	NELAP	0.079		ND	mg/Kg-dry	1	04/12/2011 13:39	67248
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	04/12/2011 13:39	67248
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	04/12/2011 13:39	67248
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	04/12/2011 13:39	67248
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	04/12/2011 13:39	67248
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	04/12/2011 13:39	67248
Naphthalene	NELAP	0.004	J	0.004	mg/Kg-dry	1	04/12/2011 13:39	67248
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	04/12/2011 13:39	67248
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	04/12/2011 13:39	67248
Surr: 2-Fluorobiphenyl		10-131		76.6	%REC	1	04/12/2011 13:39	67248
Surr: Nitrobenzene-d5		10-132		81.0	%REC	1	04/12/2011 13:39	67248
Surr: p-Terphenyl-d14		30.6-131		82.2	%REC	1	04/12/2011 13:39	67248
<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	04/12/2011 15:27	67219
1,2-Dichlorobenzene	NELAP	0.591		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
1,3-Dichlorobenzene	NELAP	0.591		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
1,4-Dichlorobenzene	NELAP	0.591		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
2,4,5-Trichlorophenol	NELAP	0.414		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
2,4,6-Trichlorophenol	NELAP	0.414		ND	mg/Kg-dry	1	04/12/2011 15:27	67219

Client: PSC Industrial Outsourcing, LP

Work Order: 11040237

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

Report Date: 20-Apr-11

Lab ID: 11040237-006

Client Sample ID: P8-H2-W (8 ft)

Matrix: SOLID

Collection Date: 04/06/2011 8:55

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-Dichlorophenol	NELAP	0.591		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
2,4-Dimethylphenol	NELAP	0.591		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
2,4-Dinitrophenol	NELAP	1.18		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
2,4-Dinitrotoluene	NELAP	0.414		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
2,6-Dinitrotoluene	NELAP	0.414		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
2-Chloronaphthalene	NELAP	0.414		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
2-Chlorophenol	NELAP	0.591		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
2-Methoxy-4-methylphenol		0.768		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
2-Methylnaphthalene	NELAP	0.414		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
2-Nitroaniline	NELAP	1.18		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
2-Nitrophenol	NELAP	0.414		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
3,3'-Dichlorobenzidine	NELAP	0.414		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
3-Nitroaniline	NELAP	1.18		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
4,6-Dinitro-2-methylphenol	NELAP	1.18		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
4-Bromophenyl phenyl ether	NELAP	0.414		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
4-Chloro-3-methylphenol	NELAP	0.591		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
4-Chloroaniline	NELAP	0.591		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
4-Chlorophenyl phenyl ether	NELAP	0.414		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
4-Nitroaniline	NELAP	0.591		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
4-Nitrophenol	NELAP	0.414		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
Aniline	NELAP	0.591		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
Azobenzene		0.414		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
Benzidine	NELAP	1.25		See note	mg/Kg-dry	1	04/12/2011 15:27	67219
Benzoic acid	NELAP	1.77		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
Benzyl alcohol	NELAP	0.591		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
Bis(2-chloroethoxy)methane	NELAP	0.414		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
Bis(2-chloroethyl)ether	NELAP	0.591		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
Bis(2-chloroisopropyl)ether	NELAP	0.414		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
Butyl benzyl phthalate	NELAP	0.414		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
Carbazole		0.591		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
Dibenzofuran	NELAP	0.414		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
Diethyl phthalate	NELAP	0.591		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
Dimethyl phthalate	NELAP	0.414		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
Di-n-butyl phthalate	NELAP	0.414		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
Di-n-octyl phthalate	NELAP	0.414		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
Hexachlorobenzene	NELAP	0.414		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
Hexachlorobutadiene	NELAP	0.591		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
Hexachlorocyclopentadiene	NELAP	0.414		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
Hexachloroethane	NELAP	0.591		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
Isophorone	NELAP	0.414		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
m,p-Cresol	NELAP	0.591		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
Nitrobenzene	NELAP	0.591		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
N-Nitrosodimethylamine	NELAP	0.591		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
N-Nitroso-di-n-propylamine	NELAP	0.591		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
N-Nitrosodiphenylamine	NELAP	0.591		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
o-Cresol	NELAP	0.591		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
Pentachlorophenol	NELAP	2.36		ND	mg/Kg-dry	1	04/12/2011 15:27	67219



Client: PSC Industrial Outsourcing, LP

Work Order: 11040237

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

Report Date: 20-Apr-11

Lab ID: 11040237-006

Client Sample ID: P8-H2-W (8 ft)

Matrix: SOLID

Collection Date: 04/06/2011 8:55

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Phenol	NELAP	0.414		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
Pyridine	NELAP	0.591		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
1,2-Diphenylhydrazine		0.993		ND	mg/Kg-dry	1	04/12/2011 15:27	67219
Surr: 2,4,6-Tribromophenol		32.7-130		87.6	%REC	1	04/12/2011 15:27	67219
Surr: 2-Fluorobiphenyl		34.1-116		81.8	%REC	1	04/12/2011 15:27	67219
Surr: 2-Fluorophenol		30.5-99		64.3	%REC	1	04/12/2011 15:27	67219
Surr: Nitrobenzene-d5		34.1-101		65.4	%REC	1	04/12/2011 15:27	67219
Surr: Phenol-d5		34.9-110		70.5	%REC	1	04/12/2011 15:27	67219
Surr: p-Terphenyl-d14		41.7-124		80.2	%REC	1	04/12/2011 15:27	67219
<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	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
1,1,1-Trichloroethane	NELAP	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
1,1,2,2-Tetrachloroethane	NELAP	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
1,1,2-Trichloro-1,2,2-trifluoroethane		4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
1,1,2-Trichloroethane	NELAP	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
1,1-Dichloro-2-propanone		44.0		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
1,1-Dichloroethane	NELAP	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
1,1-Dichloroethene	NELAP	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
1,1-Dichloropropene	NELAP	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
1,2,3-Trichlorobenzene	NELAP	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
1,2,3-Trichloropropane	NELAP	8.8		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
1,2,3-Trimethylbenzene		4.4	J	1.6	µg/Kg-dry	1	04/11/2011 13:09	67271
1,2,4-Trichlorobenzene	NELAP	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
1,2,4-Trimethylbenzene	NELAP	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
1,2-Dibromo-3-chloropropane	NELAP	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
1,2-Dibromoethane	NELAP	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
1,2-Dichlorobenzene	NELAP	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
1,2-Dichloroethane	NELAP	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
1,2-Dichloropropane	NELAP	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
1,3,5-Trimethylbenzene	NELAP	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
1,3-Dichlorobenzene	NELAP	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
1,3-Dichloropropane	NELAP	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
1,4-Dichlorobenzene	NELAP	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
1-Chlorobutane	NELAP	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
2,2-Dichloropropane	NELAP	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
2-Butanone	NELAP	44.0		44.7	µg/Kg-dry	1	04/11/2011 13:09	67271
2-Chlorotoluene	NELAP	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
2-Hexanone	NELAP	44.0		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
2-Nitropropane	NELAP	44.0		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
4-Chlorotoluene	NELAP	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
4-Methyl-2-pentanone	NELAP	44.0		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
Acetone	NELAP	44.0		123	µg/Kg-dry	1	04/11/2011 13:09	67271
Acrolein	NELAP	88.0		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
Acrylonitrile	NELAP	8.8		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
Allyl chloride	NELAP	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
Benzene	NELAP	0.9		7.0	µg/Kg-dry	1	04/11/2011 13:09	67271

Client: PSC Industrial Outsourcing, LP

Work Order: 11040237

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

Report Date: 20-Apr-11

Lab ID: 11040237-006

Client Sample ID: P8-H2-W (8 ft)

Matrix: SOLID

Collection Date: 04/06/2011 8:55

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Bromobenzene	NELAP	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
Bromochloromethane	NELAP	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
Bromodichloromethane	NELAP	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
Bromoform	NELAP	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
Bromomethane	NELAP	8.8		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
Carbon disulfide	NELAP	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
Carbon tetrachloride	NELAP	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
Chlorobenzene	NELAP	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
Chloroethane	NELAP	8.8		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
Chloroform	NELAP	4.4	J	0.9	µg/Kg-dry	1	04/11/2011 13:09	67271
Chloromethane	NELAP	8.8		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
cis-1,2-Dichloroethene	NELAP	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
cis-1,3-Dichloropropene	NELAP	3.5		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
Cyclohexanone		88.0		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
Dibromochloromethane	NELAP	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
Dibromomethane	NELAP	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
Dichlorodifluoromethane	NELAP	8.8		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
Ethyl acetate	NELAP	44.0		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
Ethyl ether	NELAP	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
Ethyl methacrylate	NELAP	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
Ethylbenzene	NELAP	4.4	J	0.9	µg/Kg-dry	1	04/11/2011 13:09	67271
Heptane		17.6		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
Hexachlorobutadiene	NELAP	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
Hexachloroethane	NELAP	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
Iodomethane	NELAP	8.8		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
Isopropylbenzene	NELAP	4.4	J	2.2	µg/Kg-dry	1	04/11/2011 13:09	67271
m,p-Xylenes	NELAP	4.4	J	1.8	µg/Kg-dry	1	04/11/2011 13:09	67271
Methacrylonitrile	NELAP	44.0		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
Methyl Methacrylate	NELAP	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
Methyl tert-butyl ether	NELAP	1.8		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
Methylacrylate		8.8		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
Methylene chloride	NELAP	4.4	J	1.0	µg/Kg-dry	1	04/11/2011 13:09	67271
Naphthalene	NELAP	8.8	J	4.6	µg/Kg-dry	1	04/11/2011 13:09	67271
n-Butylbenzene	NELAP	4.4		21.6	µg/Kg-dry	1	04/11/2011 13:09	67271
n-Hexane		17.6		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
Nitrobenzene	NELAP	88.0		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
n-Propylbenzene	NELAP	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
o-Xylene	NELAP	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
Pentachloroethane	NELAP	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
p-Isopropyltoluene	NELAP	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
Propionitrile	NELAP	44.0		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
sec-Butylbenzene	NELAP	4.4	J	4.1	µg/Kg-dry	1	04/11/2011 13:09	67271
Styrene	NELAP	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
tert-Butylbenzene	NELAP	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
Tetrachloroethene	NELAP	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
Tetrahydrofuran	NELAP	44.0		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
Toluene	NELAP	4.4	J	2.0	µg/Kg-dry	1	04/11/2011 13:09	67271



## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040237

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

**Report Date:** 20-Apr-11

**Lab ID:** 11040237-006

**Client Sample ID:** P8-H2-W (8 ft)

**Matrix:** SOLID

**Collection Date:** 04/06/2011 8:55

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
trans-1,2-Dichloroethene	NELAP	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
trans-1,3-Dichloropropene	NELAP	3.5		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
Trichloroethene	NELAP	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
Trichlorofluoromethane	NELAP	4.4		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
Vinyl acetate	NELAP	44.0		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
Vinyl chloride	NELAP	1.8		ND	µg/Kg-dry	1	04/11/2011 13:09	67271
Surr: 1,2-Dichloroethane-d4		72.2-131		112.3	%REC	1	04/11/2011 13:09	67271
Surr: 4-Bromofluorobenzene		82.1-116		94.4	%REC	1	04/11/2011 13:09	67271
Surr: Dibromofluoromethane		77.7-120		96.6	%REC	1	04/11/2011 13:09	67271
Surr: Toluene-d8		86-116		112.5	%REC	1	04/11/2011 13:09	67271

*Marginal Exceedance for m,p-xylene in LCS is verified per NELAC Appendix D 1.1.2*

Client: PSC Industrial Outsourcing, LP

Work Order: 11040237

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

Report Date: 20-Apr-11

Lab ID: 11040237-007

Client Sample ID: P8-H1-W (3 ft)

Matrix: SOLID

Collection Date: 04/06/2011 9:03

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		20.0	%	1	04/07/2011 12:50	R147832
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		80.0	%	1	04/07/2011 12:50	R147802
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		2.60		Interference	mg/Kg-dry	4	04/08/2011 8:43	R147856
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.65		1.80	mg/Kg-dry	1	04/08/2011 8:43	R147856
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.50		6.57	mg/Kg-dry	1	04/11/2011 16:53	67165
Barium	NELAP	0.50		138	mg/Kg-dry	1	04/11/2011 16:53	67165
Cadmium	NELAP	0.20		0.51	mg/Kg-dry	1	04/11/2011 16:53	67165
Chromium	NELAP	1.00		21.9	mg/Kg-dry	1	04/11/2011 16:53	67165
Lead	NELAP	4.00		17.3	mg/Kg-dry	1	04/11/2011 16:53	67165
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	04/11/2011 16:53	67165
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.577		< 0.577	mg/Kg-dry	1	04/08/2011 9:31	67122
<b>SW-846 7471A</b>								
Mercury	NELAP	0.012		0.036	mg/Kg-dry	1	04/07/2011 12:35	67113
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.419		1.93	mg/Kg-dry	100	04/12/2011 16:40	67248
Acenaphthylene	NELAP	0.419		ND	mg/Kg-dry	100	04/12/2011 16:40	67248
Anthracene	NELAP	0.419		1.03	mg/Kg-dry	100	04/12/2011 16:40	67248
Benzo(a)anthracene	NELAP	0.419		0.617	mg/Kg-dry	100	04/12/2011 16:40	67248
Benzo(a)pyrene	NELAP	0.419		ND	mg/Kg-dry	100	04/12/2011 16:40	67248
Benzo(b)fluoranthene	NELAP	0.419		ND	mg/Kg-dry	100	04/12/2011 16:40	67248
Benzo(g,h,i)perylene	NELAP	0.419		ND	mg/Kg-dry	100	04/12/2011 16:40	67248
Benzo(k)fluoranthene	NELAP	0.419		ND	mg/Kg-dry	100	04/12/2011 16:40	67248
Bis(2-ethylhexyl)phthalate	NELAP	8.27		ND	mg/Kg-dry	100	04/12/2011 16:40	67248
Chrysene	NELAP	0.419	J	0.37	mg/Kg-dry	100	04/12/2011 16:40	67248
Dibenzo(a,h)anthracene	NELAP	0.419		ND	mg/Kg-dry	100	04/12/2011 16:40	67248
Fluoranthene	NELAP	0.419		0.905	mg/Kg-dry	100	04/12/2011 16:40	67248
Fluorene	NELAP	0.419		1.36	mg/Kg-dry	100	04/12/2011 16:40	67248
Indeno(1,2,3-cd)pyrene	NELAP	0.419		ND	mg/Kg-dry	100	04/12/2011 16:40	67248
Naphthalene	NELAP	0.419		6.25	mg/Kg-dry	100	04/12/2011 16:40	67248
Phenanthrene	NELAP	0.419		4.44	mg/Kg-dry	100	04/12/2011 16:40	67248
Pyrene	NELAP	0.419		1.40	mg/Kg-dry	100	04/12/2011 16:40	67248
Surr: 2-Fluorobiphenyl		10-131		80.0	%REC	100	04/12/2011 16:40	67248
Surr: Nitrobenzene-d5		10-132		56.0	%REC	100	04/12/2011 16:40	67248
Surr: p-Terphenyl-d14		30.6-131		88.0	%REC	100	04/12/2011 16:40	67248
<i>Elevated reporting limit due to high levels of target and/or non-target analytes.</i>								
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	15.4		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
1,2-Dichlorobenzene	NELAP	15.4		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
1,3-Dichlorobenzene	NELAP	15.4		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
1,4-Dichlorobenzene	NELAP	15.4		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
2,4,5-Trichlorophenol	NELAP	10.8		ND	mg/Kg-dry	25	04/13/2011 11:20	67219

Client: PSC Industrial Outsourcing, LP

Work Order: 11040237

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

Report Date: 20-Apr-11

Lab ID: 11040237-007

Client Sample ID: P8-H1-W (3 ft)

Matrix: SOLID

Collection Date: 04/06/2011 9:03

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,6-Trichlorophenol	NELAP	10.8		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
2,4-Dichlorophenol	NELAP	15.4		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
2,4-Dimethylphenol	NELAP	15.4		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
2,4-Dinitrophenol	NELAP	30.8		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
2,4-Dinitrotoluene	NELAP	10.8		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
2,6-Dinitrotoluene	NELAP	10.8		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
2-Chloronaphthalene	NELAP	10.8		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
2-Chlorophenol	NELAP	15.4		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
2-Methoxy-4-methylphenol		20.0		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
2-Methylnaphthalene	NELAP	10.8		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
2-Nitroaniline	NELAP	30.8		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
2-Nitrophenol	NELAP	10.8		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
3,3'-Dichlorobenzidine	NELAP	10.8		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
3-Nitroaniline	NELAP	30.8		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
4,6-Dinitro-2-methylphenol	NELAP	30.8		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
4-Bromophenyl phenyl ether	NELAP	10.8		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
4-Chloro-3-methylphenol	NELAP	15.4		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
4-Chloroaniline	NELAP	15.4		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
4-Chlorophenyl phenyl ether	NELAP	10.8		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
4-Nitroaniline	NELAP	15.4		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
4-Nitrophenol	NELAP	10.8		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
Aniline	NELAP	15.4		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
Azobenzene		10.8		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
Benzidine	NELAP	32.6		See note	mg/Kg-dry	25	04/13/2011 11:20	67219
Benzoic acid	NELAP	46.3		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
Benzyl alcohol	NELAP	15.4		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
Bis(2-chloroethoxy)methane	NELAP	10.8		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
Bis(2-chloroethyl)ether	NELAP	15.4		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
Bis(2-chloroisopropyl)ether	NELAP	10.8		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
Butyl benzyl phthalate	NELAP	10.8		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
Carbazole		15.4		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
Dibenzofuran	NELAP	10.8		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
Diethyl phthalate	NELAP	15.4		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
Dimethyl phthalate	NELAP	10.8		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
Di-n-butyl phthalate	NELAP	10.8		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
Di-n-octyl phthalate	NELAP	10.8		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
Hexachlorobenzene	NELAP	10.8		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
Hexachlorobutadiene	NELAP	15.4		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
Hexachlorocyclopentadiene	NELAP	10.8		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
Hexachloroethane	NELAP	15.4		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
Isophorone	NELAP	10.8		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
m,p-Cresol	NELAP	15.4		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
Nitrobenzene	NELAP	15.4		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
N-Nitrosodimethylamine	NELAP	15.4		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
N-Nitroso-di-n-propylamine	NELAP	15.4		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
N-Nitrosodiphenylamine	NELAP	15.4		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
o-Cresol	NELAP	15.4		ND	mg/Kg-dry	25	04/13/2011 11:20	67219

Client: PSC Industrial Outsourcing, LP

Work Order: 11040237

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

Report Date: 20-Apr-11

Lab ID: 11040237-007

Client Sample ID: P8-H1-W (3 ft)

Matrix: SOLID

Collection Date: 04/06/2011 9:03

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Pentachlorophenol	NELAP	61.7		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
Phenol	NELAP	10.8		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
Pyridine	NELAP	15.4		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
1,2-Diphenylhydrazine		25.9		ND	mg/Kg-dry	25	04/13/2011 11:20	67219
Surr: 2,4,6-Tribromophenol		32.7-130		80.5	%REC	25	04/13/2011 11:20	67219
Surr: 2-Fluorobiphenyl		34.1-116	S	122.1	%REC	25	04/13/2011 11:20	67219
Surr: 2-Fluorophenol		30.5-99		87.3	%REC	25	04/13/2011 11:20	67219
Surr: Nitrobenzene-d5		34.1-101	S	104.2	%REC	25	04/13/2011 11:20	67219
Surr: Phenol-d5		34.9-110		88.8	%REC	25	04/13/2011 11:20	67219
Surr: p-Terphenyl-d14		41.7-124		109.9	%REC	25	04/13/2011 11:20	67219

Surrogate recovery was outside QC limits due to matrix interference.

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

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

<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,1,1,2-Tetrachloroethane	NELAP	148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
1,1,1-Trichloroethane	NELAP	148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
1,1,2,2-Tetrachloroethane	NELAP	148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
1,1,2-Trichloro-1,2,2-trifluoroethane		148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
1,1,2-Trichloroethane	NELAP	148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
1,1-Dichloro-2-propanone		1480		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
1,1-Dichloroethane	NELAP	148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
1,1-Dichloroethene	NELAP	148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
1,1-Dichloropropene	NELAP	148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
1,2,3-Trichlorobenzene	NELAP	148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
1,2,3-Trichloropropane	NELAP	296		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
1,2,3-Trimethylbenzene		148		2110	µg/Kg-dry	12.5	04/11/2011 14:36	67271
1,2,4-Trichlorobenzene	NELAP	148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
1,2,4-Trimethylbenzene	NELAP	148		1110	µg/Kg-dry	12.5	04/11/2011 14:36	67271
1,2-Dibromo-3-chloropropane	NELAP	148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
1,2-Dibromoethane	NELAP	148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
1,2-Dichlorobenzene	NELAP	148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
1,2-Dichloroethane	NELAP	148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
1,2-Dichloropropane	NELAP	148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
1,3,5-Trimethylbenzene	NELAP	148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
1,3-Dichlorobenzene	NELAP	148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
1,3-Dichloropropane	NELAP	148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
1,4-Dichlorobenzene	NELAP	148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
1-Chlorobutane	NELAP	148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
2,2-Dichloropropane	NELAP	148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
2-Butanone	NELAP	1480		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
2-Chlorotoluene	NELAP	148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
2-Hexanone	NELAP	1480		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
2-Nitropropane	NELAP	1480		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
4-Chlorotoluene	NELAP	148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
4-Methyl-2-pentanone	NELAP	1480		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
Acetone	NELAP	1480		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
Acrolein	NELAP	2960		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271

Client: PSC Industrial Outsourcing, LP

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Report Date: 20-Apr-11

Lab ID: 11040237-007

Client Sample ID: P8-H1-W (3 ft)

Matrix: SOLID

Collection Date: 04/06/2011 9:03

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acrylonitrile	NELAP	296		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
Allyl chloride	NELAP	148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
Benzene	NELAP	29.6		43.3	µg/Kg-dry	12.5	04/11/2011 14:36	67271
Bromobenzene	NELAP	148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
Bromochloromethane	NELAP	148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
Bromodichloromethane	NELAP	148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
Bromoform	NELAP	148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
Bromomethane	NELAP	296		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
Carbon disulfide	NELAP	148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
Carbon tetrachloride	NELAP	148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
Chlorobenzene	NELAP	148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
Chloroethane	NELAP	296		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
Chloroform	NELAP	148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
Chloromethane	NELAP	296		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
cis-1,2-Dichloroethene	NELAP	148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
cis-1,3-Dichloropropene	NELAP	119		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
Cyclohexanone		2960		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
Dibromochloromethane	NELAP	148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
Dibromomethane	NELAP	148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
Dichlorodifluoromethane	NELAP	296		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
Ethyl acetate	NELAP	1480	J	680	µg/Kg-dry	12.5	04/11/2011 14:36	67271
Ethyl ether	NELAP	148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
Ethyl methacrylate	NELAP	148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
Ethylbenzene	NELAP	148	J	93	µg/Kg-dry	12.5	04/11/2011 14:36	67271
Heptane		593	J	250	µg/Kg-dry	12.5	04/11/2011 14:36	67271
Hexachlorobutadiene	NELAP	148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
Hexachloroethane	NELAP	148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
Iodomethane	NELAP	296		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
Isopropylbenzene	NELAP	148		1030	µg/Kg-dry	12.5	04/11/2011 14:36	67271
m,p-Xylenes	NELAP	148		415	µg/Kg-dry	12.5	04/11/2011 14:36	67271
Methacrylonitrile	NELAP	1480		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
Methyl Methacrylate	NELAP	148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
Methyl tert-butyl ether	NELAP	59.3		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
Methylacrylate		296		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
Methylene chloride	NELAP	148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
Naphthalene	NELAP	1190		13100	µg/Kg-dry	50	04/12/2011 11:31	67282
n-Butylbenzene	NELAP	148		2920	µg/Kg-dry	12.5	04/11/2011 14:36	67271
n-Hexane		593		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
Nitrobenzene	NELAP	2960		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
n-Propylbenzene	NELAP	148		796	µg/Kg-dry	12.5	04/11/2011 14:36	67271
o-Xylene	NELAP	148		185	µg/Kg-dry	12.5	04/11/2011 14:36	67271
Pentachloroethane	NELAP	148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
p-Isopropyltoluene	NELAP	148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
Propionitrile	NELAP	1480		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
sec-Butylbenzene	NELAP	148		459	µg/Kg-dry	12.5	04/11/2011 14:36	67271
Styrene	NELAP	148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
tert-Butylbenzene	NELAP	148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271



## Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11040237

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

Report Date: 20-Apr-11

Lab ID: 11040237-007

Client Sample ID: P8-H1-W (3 ft)

Matrix: SOLID

Collection Date: 04/06/2011 9:03

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Tetrachloroethene	NELAP	148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
Tetrahydrofuran	NELAP	1480		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
Toluene	NELAP	148	J	31	µg/Kg-dry	12.5	04/11/2011 14:36	67271
trans-1,2-Dichloroethene	NELAP	148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
trans-1,3-Dichloropropene	NELAP	119		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
Trichloroethene	NELAP	148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
Trichlorofluoromethane	NELAP	148		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
Vinyl acetate	NELAP	1480		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
Vinyl chloride	NELAP	59.3		ND	µg/Kg-dry	12.5	04/11/2011 14:36	67271
Surr: 1,2-Dichloroethane-d4		72.2-131		101.3	%REC	12.5	04/11/2011 14:36	67271
Surr: 4-Bromofluorobenzene		82.1-116		94.8	%REC	12.5	04/11/2011 14:36	67271
Surr: Dibromofluoromethane		77.7-120		91.4	%REC	12.5	04/11/2011 14:36	67271
Surr: Toluene-d8		86-116		108.5	%REC	12.5	04/11/2011 14:36	67271

Marginal Exceedance for m,p-xylene in LCS is verified per NELAC Appendix D 1.1.2



Client: PSC Industrial Outsourcing, LP

Work Order: 11040237

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

Report Date: 20-Apr-11

Lab ID: 11040237-008

Client Sample ID: P8-H1-W (8 ft)

Matrix: SOLID

Collection Date: 04/06/2011 9:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		18.3	%	1	04/07/2011 12:50	R147832
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		81.7	%	1	04/07/2011 12:50	R147802
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		3.43		4.38	mg/Kg-dry	5	04/08/2011 8:43	R147856
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	3.43		11.0	mg/Kg-dry	5	04/08/2011 8:43	R147856
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.27		9.79	mg/Kg-dry	1	04/11/2011 16:59	67165
Barium	NELAP	0.45		105	mg/Kg-dry	1	04/11/2011 16:59	67165
Cadmium	NELAP	0.18		0.55	mg/Kg-dry	1	04/11/2011 16:59	67165
Chromium	NELAP	0.91		20.8	mg/Kg-dry	1	04/11/2011 16:59	67165
Lead	NELAP	3.64		14.4	mg/Kg-dry	1	04/11/2011 16:59	67165
Silver	NELAP	0.50		< 0.50	mg/Kg-dry	1	04/11/2011 16:59	67165
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.577		< 0.577	mg/Kg-dry	1	04/08/2011 9:35	67122
<b>SW-846 7471A</b>								
Mercury	NELAP	0.012		0.016	mg/Kg-dry	1	04/07/2011 12:35	67113
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		0.144	mg/Kg-dry	1	04/12/2011 12:49	67248
Acenaphthylene	NELAP	0.004		0.026	mg/Kg-dry	1	04/12/2011 12:49	67248
Anthracene	NELAP	0.004		0.056	mg/Kg-dry	1	04/12/2011 12:49	67248
Benzo(a)anthracene	NELAP	0.004		0.021	mg/Kg-dry	1	04/12/2011 12:49	67248
Benzo(a)pyrene	NELAP	0.004		0.015	mg/Kg-dry	1	04/12/2011 12:49	67248
Benzo(b)fluoranthene	NELAP	0.004		0.015	mg/Kg-dry	1	04/12/2011 12:49	67248
Benzo(g,h,i)perylene	NELAP	0.004		0.007	mg/Kg-dry	1	04/12/2011 12:49	67248
Benzo(k)fluoranthene	NELAP	0.004		0.005	mg/Kg-dry	1	04/12/2011 12:49	67248
Bis(2-ethylhexyl)phthalate	NELAP	0.081		ND	mg/Kg-dry	1	04/12/2011 12:49	67248
Chrysene	NELAP	0.004		0.022	mg/Kg-dry	1	04/12/2011 12:49	67248
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	04/12/2011 12:49	67248
Fluoranthene	NELAP	0.004		0.044	mg/Kg-dry	1	04/12/2011 12:49	67248
Fluorene	NELAP	0.004		0.111	mg/Kg-dry	1	04/12/2011 12:49	67248
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.006	mg/Kg-dry	1	04/12/2011 12:49	67248
Naphthalene	NELAP	0.004	SR	0.308	mg/Kg-dry	1	04/12/2011 12:49	67248
Phenanthrene	NELAP	0.004	SR	0.256	mg/Kg-dry	1	04/12/2011 12:49	67248
Pyrene	NELAP	0.004		0.065	mg/Kg-dry	1	04/12/2011 12:49	67248
Surr: 2-Fluorobiphenyl		10-131		68.3	%REC	1	04/12/2011 12:49	67248
Surr: Nitrobenzene-d5		10-132		61.5	%REC	1	04/12/2011 12:49	67248
Surr: p-Terphenyl-d14		30.6-131		73.5	%REC	1	04/12/2011 12:49	67248
<i>Matrix spike and RPD did not recover within control limits because of sample composition.</i>								
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	0.608		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
1,2-Dichlorobenzene	NELAP	0.608		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
1,3-Dichlorobenzene	NELAP	0.608		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
1,4-Dichlorobenzene	NELAP	0.608		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
2,4,5-Trichlorophenol	NELAP	0.425		ND	mg/Kg-dry	1	04/12/2011 15:59	67219

Client: PSC Industrial Outsourcing, LP

Work Order: 11040237

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

Report Date: 20-Apr-11

Lab ID: 11040237-008

Client Sample ID: P8-H1-W (8 ft)

Matrix: SOLID

Collection Date: 04/06/2011 9:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2,4,6-Trichlorophenol	NELAP	0.425		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
2,4-Dichlorophenol	NELAP	0.608		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
2,4-Dimethylphenol	NELAP	0.608		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
2,4-Dinitrophenol	NELAP	1.22		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
2,4-Dinitrotoluene	NELAP	0.425		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
2,6-Dinitrotoluene	NELAP	0.425		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
2-Chloronaphthalene	NELAP	0.425		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
2-Chlorophenol	NELAP	0.608		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
2-Methoxy-4-methylphenol		0.790		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
2-Methylnaphthalene	NELAP	0.425		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
2-Nitroaniline	NELAP	1.22		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
2-Nitrophenol	NELAP	0.425		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
3,3'-Dichlorobenzidine	NELAP	0.425		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
3-Nitroaniline	NELAP	1.22		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
4,6-Dinitro-2-methylphenol	NELAP	1.22		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
4-Bromophenyl phenyl ether	NELAP	0.425		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
4-Chloro-3-methylphenol	NELAP	0.608		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
4-Chloroaniline	NELAP	0.608		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
4-Chlorophenyl phenyl ether	NELAP	0.425		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
4-Nitroaniline	NELAP	0.608		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
4-Nitrophenol	NELAP	0.425		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
Aniline	NELAP	0.608		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
Azobenzene		0.425		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
Benzidine	NELAP	1.28		See note	mg/Kg-dry	1	04/12/2011 15:59	67219
Benzoic acid	NELAP	1.82		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
Benzyl alcohol	NELAP	0.608		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
Bis(2-chloroethoxy)methane	NELAP	0.425		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
Bis(2-chloroethyl)ether	NELAP	0.608		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
Bis(2-chloroisopropyl)ether	NELAP	0.425		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
Butyl benzyl phthalate	NELAP	0.425		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
Carbazole		0.608		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
Dibenzofuran	NELAP	0.425		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
Diethyl phthalate	NELAP	0.608		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
Dimethyl phthalate	NELAP	0.425		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
Di-n-butyl phthalate	NELAP	0.425		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
Di-n-octyl phthalate	NELAP	0.425		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
Hexachlorobenzene	NELAP	0.425		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
Hexachlorobutadiene	NELAP	0.608		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
Hexachlorocyclopentadiene	NELAP	0.425		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
Hexachloroethane	NELAP	0.608		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
Isophorone	NELAP	0.425		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
m,p-Cresol	NELAP	0.608		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
Nitrobenzene	NELAP	0.608		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
N-Nitrosodimethylamine	NELAP	0.608		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
N-Nitroso-di-n-propylamine	NELAP	0.608		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
N-Nitrosodiphenylamine	NELAP	0.608		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
o-Cresol	NELAP	0.608		ND	mg/Kg-dry	1	04/12/2011 15:59	67219

Client: PSC Industrial Outsourcing, LP

Work Order: 11040237

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

Report Date: 20-Apr-11

Lab ID: 11040237-008

Client Sample ID: P8-H1-W (8 ft)

Matrix: SOLID

Collection Date: 04/06/2011 9:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Pentachlorophenol	NELAP	2.43		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
Phenol	NELAP	0.425		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
Pyridine	NELAP	0.608		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
1,2-Diphenylhydrazine		1.02		ND	mg/Kg-dry	1	04/12/2011 15:59	67219
Surr: 2,4,6-Tribromophenol		32.7-130		82.2	%REC	1	04/12/2011 15:59	67219
Surr: 2-Fluorobiphenyl		34.1-116		75.6	%REC	1	04/12/2011 15:59	67219
Surr: 2-Fluorophenol		30.5-99		59.3	%REC	1	04/12/2011 15:59	67219
Surr: Nitrobenzene-d5		34.1-101		63.4	%REC	1	04/12/2011 15:59	67219
Surr: Phenol-d5		34.9-110		63.0	%REC	1	04/12/2011 15:59	67219
Surr: p-Terphenyl-d14		41.7-124		76.6	%REC	1	04/12/2011 15:59	67219

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	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
1,1,1-Trichloroethane	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
1,1,2,2-Tetrachloroethane	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
1,1,2-Trichloro-1,2,2-trifluoroethane		108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
1,1,2-Trichloroethane	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
1,1-Dichloro-2-propanone		1080		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
1,1-Dichloroethane	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
1,1-Dichloroethene	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
1,1-Dichloropropene	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
1,2,3-Trichlorobenzene	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
1,2,3-Trichloropropane	NELAP	216		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
1,2,3-Trimethylbenzene		108	J	95	µg/Kg-dry	12.5	04/11/2011 15:05	67271
1,2,4-Trichlorobenzene	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
1,2,4-Trimethylbenzene	NELAP	108	J	40	µg/Kg-dry	12.5	04/11/2011 15:05	67271
1,2-Dibromo-3-chloropropane	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
1,2-Dibromoethane	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
1,2-Dichlorobenzene	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
1,2-Dichloroethane	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
1,2-Dichloropropane	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
1,3,5-Trimethylbenzene	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
1,3-Dichlorobenzene	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
1,3-Dichloropropane	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
1,4-Dichlorobenzene	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
1-Chlorobutane	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
2,2-Dichloropropane	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
2-Butanone	NELAP	1080		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
2-Chlorotoluene	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
2-Hexanone	NELAP	1080		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
2-Nitropropane	NELAP	1080		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
4-Chlorotoluene	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
4-Methyl-2-pentanone	NELAP	1080		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
Acetone	NELAP	1080		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
Acrolein	NELAP	2160		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
Acrylonitrile	NELAP	216		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
Allyl chloride	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271

Client: PSC Industrial Outsourcing, LP

Work Order: 11040237

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

Report Date: 20-Apr-11

Lab ID: 11040237-008

Client Sample ID: P8-H1-W (8 ft)

Matrix: SOLID

Collection Date: 04/06/2011 9:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	21.6		26.5	µg/Kg-dry	12.5	04/11/2011 15:05	67271
Bromobenzene	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
Bromochloromethane	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
Bromodichloromethane	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
Bromoform	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
Bromomethane	NELAP	216		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
Carbon disulfide	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
Carbon tetrachloride	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
Chlorobenzene	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
Chloroethane	NELAP	216		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
Chloroform	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
Chloromethane	NELAP	216		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
cis-1,2-Dichloroethene	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
cis-1,3-Dichloropropene	NELAP	86.2		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
Cyclohexanone		2160		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
Dibromochloromethane	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
Dibromomethane	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
Dichlorodifluoromethane	NELAP	216		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
Ethyl acetate	NELAP	1080	J	470	µg/Kg-dry	12.5	04/11/2011 15:05	67271
Ethyl ether	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
Ethyl methacrylate	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
Ethylbenzene	NELAP	108	J	75	µg/Kg-dry	12.5	04/11/2011 15:05	67271
Heptane		431		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
Hexachlorobutadiene	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
Hexachloroethane	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
Iodomethane	NELAP	216		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
Isopropylbenzene	NELAP	108	J	98	µg/Kg-dry	12.5	04/11/2011 15:05	67271
m,p-Xylenes	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
Methacrylonitrile	NELAP	1080		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
Methyl Methacrylate	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
Methyl tert-butyl ether	NELAP	43.1		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
Methylacrylate		216		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
Methylene chloride	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
Naphthalene	NELAP	216		641	µg/Kg-dry	12.5	04/11/2011 15:05	67271
n-Butylbenzene	NELAP	108		242	µg/Kg-dry	12.5	04/11/2011 15:05	67271
n-Hexane		431		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
Nitrobenzene	NELAP	2160		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
n-Propylbenzene	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
o-Xylene	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
Pentachloroethane	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
p-Isopropyltoluene	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
Propionitrile	NELAP	1080		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
sec-Butylbenzene	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
Styrene	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
tert-Butylbenzene	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
Tetrachloroethene	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
Tetrahydrofuran	NELAP	1080		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040237

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

**Report Date:** 20-Apr-11

**Lab ID:** 11040237-008

**Client Sample ID:** P8-H1-W (8 ft)

**Matrix:** SOLID

**Collection Date:** 04/06/2011 9:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Toluene	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
trans-1,2-Dichloroethene	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
trans-1,3-Dichloropropene	NELAP	86.2		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
Trichloroethene	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
Trichlorofluoromethane	NELAP	108		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
Vinyl acetate	NELAP	1080		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
Vinyl chloride	NELAP	43.1		ND	µg/Kg-dry	12.5	04/11/2011 15:05	67271
Surr: 1,2-Dichloroethane-d4		72.2-131		99.8	%REC	12.5	04/11/2011 15:05	67271
Surr: 4-Bromofluorobenzene		82.1-116		102.3	%REC	12.5	04/11/2011 15:05	67271
Surr: Dibromofluoromethane		77.7-120		95.0	%REC	12.5	04/11/2011 15:05	67271
Surr: Toluene-d8		86-116		106.7	%REC	12.5	04/11/2011 15:05	67271

*Marginal Exceedance for m,p-xylene in LCS is verified per NELAC Appendix D 1.1.2*

*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:** 11040237

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

**Report Date:** 20-Apr-11

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
11040237-001	P8-H4-W (3 ft)	Solid	5	04/06/2011 8:15
11040237-002	P8-H4-W (8 ft)	Solid	5	04/06/2011 8:25
11040237-003	P8-H3-W (3 ft)	Solid	5	04/06/2011 8:35
11040237-004	P8-H3-W (8 ft)	Solid	5	04/06/2011 8:40
11040237-005	P8-H2-W (3 ft)	Solid	5	04/06/2011 8:50
11040237-006	P8-H2-W (8 ft)	Solid	5	04/06/2011 8:55
11040237-007	P8-H1-W (3 ft)	Solid	5	04/06/2011 9:03
11040237-008	P8-H1-W (8 ft)	Solid	5	04/06/2011 9:15



## Dates Report

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040237

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

**Report Date:** 20-Apr-11

Sample ID	Client Sample ID	Collection Date	Received Date	
	Test Name		Prep Date/Time	Analysis Date/Time
11040237-001A	P8-H4-W (3 ft)	04/06/2011 8:15	4/6/2011 3:10:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		04/07/2011 13:18	04/08/2011 16:26
	SW-846 3050B, Metals by GFAA		04/07/2011 10:04	04/08/2011 18:18
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		04/08/2011 9:19	04/09/2011 1:45
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		04/08/2011 9:19	04/11/2011 22:19
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		04/08/2011 9:20	04/12/2011 17:05
	SW-846 7471A		04/07/2011 8:06	04/07/2011 12:35
11040237-001B	P8-H4-W (3 ft)	04/06/2011 8:15	4/6/2011 3:10:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			04/07/2011 12:50
	Standard Methods 18th Ed. 2540 G			04/07/2011 12:50
	SW-846 9012A			04/08/2011 8:43
	SW-846 9012A (Total)			04/08/2011 8:43
11040237-001E	P8-H4-W (3 ft)	04/06/2011 8:15	4/6/2011 3:10:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			04/08/2011 16:33
11040237-002A	P8-H4-W (8 ft)	04/06/2011 8:25	4/6/2011 3:10:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		04/07/2011 13:18	04/08/2011 16:31
	SW-846 3050B, Metals by GFAA		04/07/2011 10:04	04/08/2011 17:34
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		04/11/2011 16:03	04/12/2011 10:25
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		04/11/2011 16:02	04/12/2011 11:37
	SW-846 7471A		04/07/2011 8:06	04/07/2011 12:35
11040237-002B	P8-H4-W (8 ft)	04/06/2011 8:25	4/6/2011 3:10:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			04/07/2011 12:50
	Standard Methods 18th Ed. 2540 G			04/07/2011 12:50
	SW-846 9012A			04/08/2011 8:43
	SW-846 9012A (Total)			04/08/2011 8:43
11040237-002E	P8-H4-W (8 ft)	04/06/2011 8:25	4/6/2011 3:10:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			04/08/2011 17:03
11040237-003A	P8-H3-W (3 ft)	04/06/2011 8:35	4/6/2011 3:10:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		04/07/2011 13:18	04/08/2011 16:49
	SW-846 3050B, Metals by GFAA		04/07/2011 10:04	04/08/2011 18:21
	SW-846 3550B, 8081A, Chlorinated Pesticides by GC/ECD		04/11/2011 10:41	04/12/2011 19:30
	SW-846 3550B, 8082, PolyChlorinated Biphenyls (PCBs) by GC/ECD		04/11/2011 10:41	04/12/2011 18:46
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		04/11/2011 16:03	04/12/2011 11:01
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		04/11/2011 16:02	04/12/2011 13:16
	SW-846 7471A		04/07/2011 8:06	04/07/2011 12:35
	SW-846 8151A, Chlorinated Herbicides by GC/ECD			04/15/2011 14:35
11040237-003B	P8-H3-W (3 ft)	04/06/2011 8:35	4/6/2011 3:10:00 PM	



## Dates Report

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040237

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

**Report Date:** 20-Apr-11

Sample ID	Client Sample ID	Collection Date	Received Date	
	Test Name		Prep Date/Time	Analysis Date/Time
	EPA SW846 3550C, 5035A, ASTM D2974			04/07/2011 12:50
	Standard Methods 18th Ed. 2540 G			04/07/2011 12:50
	SW-846 9012A			04/08/2011 8:43
	SW-846 9012A (Total)			04/08/2011 8:43
11040237-003E	P8-H3-W (3 ft)	04/06/2011 8:35	4/6/2011 3:10:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			04/08/2011 17:32
11040237-004A	P8-H3-W (8 ft)	04/06/2011 8:40	4/6/2011 3:10:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		04/07/2011 13:18	04/08/2011 16:54
	SW-846 3050B, Metals by GFAA		04/07/2011 10:04	04/08/2011 18:25
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		04/11/2011 16:03	04/12/2011 11:37
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		04/11/2011 16:02	04/12/2011 14:21
	SW-846 7471A		04/07/2011 8:06	04/07/2011 12:35
11040237-004B	P8-H3-W (8 ft)	04/06/2011 8:40	4/6/2011 3:10:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			04/07/2011 12:50
	Standard Methods 18th Ed. 2540 G			04/07/2011 12:50
	SW-846 9012A			04/08/2011 8:43
	SW-846 9012A (Total)			04/08/2011 8:43
11040237-004E	P8-H3-W (8 ft)	04/06/2011 8:40	4/6/2011 3:10:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			04/08/2011 18:01
11040237-005A	P8-H2-W (3 ft)	04/06/2011 8:50	4/6/2011 3:10:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		04/07/2011 13:18	04/08/2011 17:23
	SW-846 3050B, Metals by GFAA		04/07/2011 10:04	04/08/2011 18:28
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		04/11/2011 16:03	04/12/2011 15:26
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		04/11/2011 16:02	04/12/2011 14:54
	SW-846 7471A		04/07/2011 8:06	04/07/2011 12:35
11040237-005B	P8-H2-W (3 ft)	04/06/2011 8:50	4/6/2011 3:10:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			04/07/2011 12:50
	Standard Methods 18th Ed. 2540 G			04/07/2011 12:50
	SW-846 9012A			04/08/2011 8:43
	SW-846 9012A (Total)			04/08/2011 8:43
11040237-005E	P8-H2-W (3 ft)	04/06/2011 8:50	4/6/2011 3:10:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			04/08/2011 18:30
11040237-006A	P8-H2-W (8 ft)	04/06/2011 8:55	4/6/2011 3:10:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		04/08/2011 10:41	04/11/2011 16:47
	SW-846 3050B, Metals by GFAA		04/07/2011 10:08	04/08/2011 9:28
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		04/11/2011 16:03	04/12/2011 13:39
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		04/11/2011 16:02	04/12/2011 15:27





## Dates Report

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040237

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

**Report Date:** 20-Apr-11

Sample ID	Client Sample ID	Collection Date	Received Date	
	Test Name		Prep Date/Time	Analysis Date/Time
	SW-846 7471A		04/07/2011 8:06	04/07/2011 12:35
11040237-006B	P8-H2-W (8 ft)	04/06/2011 8:55	4/6/2011 3:10:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			04/07/2011 12:50
	Standard Methods 18th Ed. 2540 G			04/07/2011 12:50
	SW-846 9012A			04/08/2011 8:43
	SW-846 9012A (Total)			04/08/2011 8:43
11040237-006E	P8-H2-W (8 ft)	04/06/2011 8:55	4/6/2011 3:10:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			04/11/2011 13:09
11040237-007A	P8-H1-W (3 ft)	04/06/2011 9:03	4/6/2011 3:10:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		04/08/2011 10:41	04/11/2011 16:53
	SW-846 3050B, Metals by GFAA		04/07/2011 10:08	04/08/2011 9:31
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		04/11/2011 16:03	04/12/2011 16:40
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		04/11/2011 16:02	04/13/2011 11:20
	SW-846 7471A		04/07/2011 8:06	04/07/2011 12:35
11040237-007B	P8-H1-W (3 ft)	04/06/2011 9:03	4/6/2011 3:10:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			04/07/2011 12:50
	Standard Methods 18th Ed. 2540 G			04/07/2011 12:50
	SW-846 9012A			04/08/2011 8:43
	SW-846 9012A (Total)			04/08/2011 8:43
11040237-007E	P8-H1-W (3 ft)	04/06/2011 9:03	4/6/2011 3:10:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			04/11/2011 14:36
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			04/12/2011 11:31
11040237-008A	P8-H1-W (8 ft)	04/06/2011 9:15	4/6/2011 3:10:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		04/08/2011 10:41	04/11/2011 16:59
	SW-846 3050B, Metals by GFAA		04/07/2011 10:08	04/08/2011 9:35
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		04/11/2011 16:03	04/12/2011 12:49
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		04/11/2011 16:02	04/12/2011 15:59
	SW-846 7471A		04/07/2011 8:06	04/07/2011 12:35
11040237-008B	P8-H1-W (8 ft)	04/06/2011 9:15	4/6/2011 3:10:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			04/07/2011 12:50
	Standard Methods 18th Ed. 2540 G			04/07/2011 12:50
	SW-846 9012A			04/08/2011 8:43
	SW-846 9012A (Total)			04/08/2011 8:43
11040237-008E	P8-H1-W (8 ft)	04/06/2011 9:15	4/6/2011 3:10:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			04/11/2011 15:05

Client: PSC Industrial Outsourcing, LP

Work Order: 11040237

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

Report Date: 20-Apr-11

### STANDARD METHODS 18TH ED. 2540 G

Batch R147802		SampType: LCS		Units %						
SampID: LCS-R147802										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Solids	0.1		1.0	1.0	0	101.0	90	110	04/07/2011	

Batch R147802		SampType: LCSQC		Units %						
SampID: LCSQC-R147802										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Solids	0.1		1.0	1.0	0	101.0	90	110	04/07/2011	

Batch R147802		SampType: DUP		Units %		RPD Limit 15				
SampID: 11040237-003BDUP										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Total Solids	0.1		76.9				77.33	0.57	04/07/2011	

### SW-846 9012A (TOTAL)

Batch R147856		SampType: MBLK		Units mg/Kg						
SampID: MB-R147856										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide	0.01		< 0.01						04/08/2011	

Batch R147856		SampType: LCS		Units mg/Kg						
SampID: LCS-R147856										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide	0.01		0.02	0.02	0	99.0	85	115	04/08/2011	

Batch R147856		SampType: MS		Units mg/Kg-dry						
SampID: 11040237-001BMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide	3.14	S	12.9	1.57	10.85	128.3	75	125	04/08/2011	

Batch R147856		SampType: MSD		Units mg/Kg-dry		RPD Limit 15				
SampID: 11040237-001BMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Cyanide	3.14	SR	10.8	1.57	10.85	-0.2	12.86	17.00	04/08/2011	

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

Batch 67135		SampType: MBLK		Units mg/Kg-dry						
SampID: MB-67135										
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	04/08/2011	
Barium	0.50		< 0.50	0.50	0	0	-100	100	04/08/2011	
Cadmium	0.20		< 0.20	0.20	0	0	-100	100	04/08/2011	
Chromium	1.00		< 1.00	1.00	0	0	-100	100	04/08/2011	
Lead	4.00		< 4.00	4.00	0	0	-100	100	04/08/2011	
Silver	0.55		< 0.55	0.55	0	0	-100	100	04/08/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040237

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

**Report Date:** 20-Apr-11

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

**Batch 67135**      **SampType: MBLK**      Units **mg/Kg-dry**

SampID: MB-67135

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
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**Batch 67135**      **SampType: LCS**      Units **mg/Kg-dry**

SampID: LCS-67135

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic	2.50		<b>202</b>	200	0	101.0	85	115	04/08/2011
Barium	0.50		<b>198</b>	200	0	98.8	85	115	04/08/2011
Cadmium	0.20		<b>5.03</b>	5.00	0	100.6	85	115	04/08/2011
Chromium	1.00		<b>20.4</b>	20.0	0	102.0	85	115	04/08/2011
Lead	4.00		<b>49.8</b>	50.0	0	99.6	85	115	04/08/2011
Silver	0.55		<b>5.14</b>	5.00	0	102.8	85	115	04/08/2011

**Batch 67135**      **SampType: MS**      Units **mg/Kg-dry**

SampID: 11040237-002AMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic	2.36		<b>194</b>	189	9.575	97.6	75	125	04/08/2011
Barium	0.47		<b>246</b>	189	77.71	89.2	75	125	04/08/2011
Cadmium	0.19		<b>4.75</b>	4.72	0.2264	96.0	75	125	04/08/2011
Chromium	0.94		<b>39.4</b>	18.9	19.41	106.0	75	125	04/08/2011
Lead	3.77		<b>57.3</b>	47.2	13.22	93.4	75	125	04/08/2011
Silver	0.52		<b>4.66</b>	4.72	0	98.8	75	125	04/08/2011

**Batch 67135**      **SampType: MSD**      Units **mg/Kg-dry**

SampID: 11040237-002AMSD

RPD Limit **20**

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic	2.36		<b>199</b>	189	9.575	100.6	193.7	2.88	04/08/2011
Barium	0.47		<b>260</b>	189	77.71	96.4	246.0	5.34	04/08/2011
Cadmium	0.19		<b>4.90</b>	4.72	0.2264	99.0	4.755	2.93	04/08/2011
Chromium	0.94		<b>41.0</b>	18.9	19.41	114.3	39.41	3.87	04/08/2011
Lead	3.77		<b>59.4</b>	47.2	13.22	97.8	57.29	3.54	04/08/2011
Silver	0.52		<b>4.77</b>	4.72	0	101.2	4.660	2.40	04/08/2011

**Batch 67135**      **SampType: MS**      Units **mg/Kg-dry**

SampID: 11040237-004AMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic	2.50		<b>210</b>	200	7.980	100.9	75	125	04/08/2011
Barium	0.50		<b>323</b>	200	147.0	87.9	75	125	04/08/2011
Cadmium	0.20		<b>5.29</b>	5.00	0.3400	99.0	75	125	04/08/2011
Chromium	1.00		<b>36.0</b>	20.0	14.46	107.5	75	125	04/08/2011
Lead	4.00		<b>59.0</b>	50.0	10.19	97.7	75	125	04/08/2011
Silver	0.55		<b>5.09</b>	5.00	0	101.8	75	125	04/08/2011

**Batch 67135**      **SampType: MSD**      Units **mg/Kg-dry**

SampID: 11040237-004AMSD

RPD Limit **20**

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic	2.50		<b>213</b>	200	7.980	102.5	209.7	1.56	04/08/2011

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040237

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

**Report Date:** 20-Apr-11

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

Batch 67135		SampType: MSD		Units mg/Kg-dry				RPD Limit 20		Date Analyzed
SampID: 11040237-004AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Barium	0.50		<b>344</b>	200	147.0	98.3	322.8	6.24	04/08/2011	
Cadmium	0.20		<b>5.33</b>	5.00	0.3400	99.8	5.290	0.75	04/08/2011	
Chromium	1.00		<b>35.8</b>	20.0	14.46	106.8	35.96	0.42	04/08/2011	
Lead	4.00		<b>61.1</b>	50.0	10.19	101.7	59.02	3.40	04/08/2011	
Silver	0.55		<b>5.04</b>	5.00	0	100.8	5.090	0.99	04/08/2011	

Batch 67165		SampType: MBLK		Units mg/Kg-dry				RPD Limit 20		Date Analyzed
SampID: MB-67165										
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	04/11/2011	
Barium	0.50		< <b>0.50</b>	0.50	0	0	-100	100	04/11/2011	
Cadmium	0.20		< <b>0.20</b>	0.20	0	0	-100	100	04/11/2011	
Chromium	1.00		< <b>1.00</b>	1.00	0	0	-100	100	04/11/2011	
Lead	4.00		< <b>4.00</b>	4.00	0	0	-100	100	04/11/2011	
Silver	0.55		< <b>0.55</b>	0.55	0	0	-100	100	04/11/2011	

Batch 67165		SampType: LCS		Units mg/Kg-dry				RPD Limit 20		Date Analyzed
SampID: LCS-67165										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Arsenic	2.50		<b>199</b>	200	0	99.6	85	115	04/11/2011	
Barium	0.50		<b>193</b>	200	0	96.4	85	115	04/11/2011	
Cadmium	0.20		<b>5.08</b>	5.00	0	101.6	85	115	04/11/2011	
Chromium	1.00		<b>20.4</b>	20.0	0	101.8	85	115	04/11/2011	
Lead	4.00		<b>49.8</b>	50.0	0	99.6	85	115	04/11/2011	
Silver	0.55		<b>5.09</b>	5.00	0	101.8	85	115	04/11/2011	

Batch 67165		SampType: MS		Units mg/Kg-dry				RPD Limit 20		Date Analyzed
SampID: 11040237-008AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Arsenic	2.27		<b>190</b>	182	9.791	98.9	75	125	04/11/2011	
Barium	0.45		<b>268</b>	182	105.5	89.4	75	125	04/11/2011	
Cadmium	0.18		<b>4.86</b>	4.54	0.5455	95.0	75	125	04/11/2011	
Chromium	0.91		<b>40.5</b>	18.2	20.82	108.4	75	125	04/11/2011	
Lead	3.64		<b>56.3</b>	45.4	14.42	92.1	75	125	04/11/2011	
Silver	0.50		<b>4.40</b>	4.54	0	96.8	75	125	04/11/2011	

Batch 67165		SampType: MSD		Units mg/Kg-dry				RPD Limit 20		Date Analyzed
SampID: 11040237-008AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Arsenic	2.27		<b>192</b>	182	9.791	100	189.5	1.05	04/11/2011	
Barium	0.45		<b>265</b>	182	105.5	87.6	268.1	1.30	04/11/2011	
Cadmium	0.18		<b>4.96</b>	4.54	0.5455	97.2	4.864	2.04	04/11/2011	
Chromium	0.91		<b>39.3</b>	18.2	20.82	101.7	40.53	3.05	04/11/2011	
Lead	3.64		<b>57.3</b>	45.4	14.42	94.2	56.27	1.73	04/11/2011	
Silver	0.50		<b>4.10</b>	4.54	0	90.2	4.400	7.06	04/11/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040237

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

**Report Date:** 20-Apr-11

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

Batch 67165		SampType: MSD		Units mg/Kg-dry				RPD Limit 20		Date Analyzed
SampID: 11040237-008AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		

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

Batch 67121		SampType: MBLK		Units mg/Kg-dry						Date Analyzed
SampID: MB-67121										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Selenium	7740	0.600	< 0.600	0.600	0	0	-100	100	04/08/2011	

Batch 67121		SampType: LCS		Units mg/Kg-dry						Date Analyzed
SampID: LCS-67121										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Selenium	7740	0.600	2.81	3.00	0	93.6	80	120	04/08/2011	

Batch 67121		SampType: MS		Units mg/Kg-dry						Date Analyzed
SampID: 11040237-002AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Selenium	7740	0.566	2.47	2.83	0	87.4	70	130	04/08/2011	

Batch 67121		SampType: MSD		Units mg/Kg-dry				RPD Limit 20		Date Analyzed
SampID: 11040237-002AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Selenium	7740	0.566	2.70	2.83	0	95.2	2.474	8.58	04/08/2011	

Batch 67122		SampType: MBLK		Units mg/Kg-dry						Date Analyzed
SampID: MB-67122										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Selenium	7740	0.600	< 0.600	0.600	0	0	-100	100	04/08/2011	

Batch 67122		SampType: LCS		Units mg/Kg-dry						Date Analyzed
SampID: LCS-67122										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Selenium	7740	0.600	3.07	3.00	0	102.4	80	120	04/08/2011	

Batch 67122		SampType: MS		Units mg/Kg-dry						Date Analyzed
SampID: 11040237-008AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Selenium	7740	0.577	2.18	2.88	0	75.6	70	130	04/08/2011	

Batch 67122		SampType: MSD		Units mg/Kg-dry				RPD Limit 20		Date Analyzed
SampID: 11040237-008AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Selenium	7740	0.577	2.07	2.88	0	71.8	2.181	5.16	04/08/2011	

**SW-846 7471A**

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040237

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

**Report Date:** 20-Apr-11

**SW-846 7471A**

Batch 67113		SampType: MBLK		Units mg/Kg						
SampID: MB-67113										
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	04/07/2011	

Batch 67113		SampType: LCS		Units mg/Kg						
SampID: LCS-67113										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury	0.010		0.272	0.250	0	108.6	85	115	04/07/2011	

Batch 67113		SampType: MS		Units mg/Kg-dry						
SampID: 11040237-001AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Mercury	0.012		0.363	0.302	0.03204	109.4	75	125	04/07/2011	

Batch 67113		SampType: MSD		Units mg/Kg-dry				RPD Limit 15		Date Analyzed	
SampID: 11040237-001AMSD											
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Mercury	0.012		0.366	0.302	0.03204	110.4	0.3627	0.83	04/07/2011		

**SW-846 3550B, 8081A, CHLORINATED PESTICIDES BY GC/ECD**

Batch 67224		SampType: MBLK		Units µg/Kg						
SampID: MB-67224										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
4,4'-DDD	1.67		ND						04/12/2011	
4,4'-DDE	1.67		ND						04/12/2011	
4,4'-DDT	1.67		ND						04/12/2011	
Alachlor	1.67		ND						04/12/2011	
Aldrin	1.67		ND						04/12/2011	
alpha-BHC	1.67		ND						04/12/2011	
alpha-Chlordane	1.67		ND						04/12/2011	
beta-BHC	1.67		ND						04/12/2011	
Chlordane	3.34		ND						04/12/2011	
delta-BHC	1.67		ND						04/12/2011	
Dieldrin	1.67		ND						04/12/2011	
Endosulfan I	1.67		ND						04/12/2011	
Endosulfan II	1.67		ND						04/12/2011	
Endosulfan sulfate	1.67		ND						04/12/2011	
Endrin	1.67		ND						04/12/2011	
Endrin aldehyde	1.67		ND						04/12/2011	
Endrin ketone	1.67		ND						04/12/2011	
gamma-BHC	1.67		ND						04/12/2011	
gamma-Chlordane	1.67		ND						04/12/2011	
Heptachlor	1.67		ND						04/12/2011	
Heptachlor epoxide	1.67		ND						04/12/2011	
Methoxychlor	1.67		ND						04/12/2011	
Toxaphene	30.0		ND						04/12/2011	
Surr: Decachlorobiphenyl			7.84	8.33		94.1	73.5	150	04/12/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11040237

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

Report Date: 20-Apr-11

### SW-846 3550B, 8081A, CHLORINATED PESTICIDES BY GC/ECD

Batch 67224		SampType: MBLK		Units µg/Kg						
SampID: MB-67224										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: Tetrachloro-m-xylene			5.52	8.33		66.3	14.4	113	04/12/2011	

Batch 67224		SampType: LCS		Units µg/Kg						
SampID: LCSPST-67224										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
4,4'-DDD	1.67		7.89	8.33	0	94.7	36	208	04/12/2011	
4,4'-DDE	1.67		8.03	8.33	0	96.4	26	191	04/12/2011	
4,4'-DDT	1.67		8.22	8.33	0	98.7	3	215	04/12/2011	
Alachlor	1.67		8.68	8.33	0	104.2	30	170	04/12/2011	
Aldrin	1.67		7.38	8.33	0	88.6	46	173	04/12/2011	
alpha-BHC	1.67		6.82	8.33	0	81.8	37	179	04/12/2011	
alpha-Chlordane	1.67		8.16	8.33	0	97.9	38	187	04/12/2011	
beta-BHC	1.67		8.95	8.33	0	107.5	51	185	04/12/2011	
delta-BHC	1.67		8.31	8.33	0	99.8	46	166	04/12/2011	
Dieldrin	1.67		7.94	8.33	0	95.3	26	216	04/12/2011	
Endosulfan I	1.67		7.83	8.33	0	94.0	31	205	04/12/2011	
Endosulfan II	1.67		7.97	8.33	0	95.7	42	187	04/12/2011	
Endosulfan sulfate	1.67		8.54	8.33	0	102.5	29	230	04/12/2011	
Endrin	1.67		8.06	8.33	0	96.7	30	215	04/12/2011	
Endrin aldehyde	1.67		8.06	8.33	0	96.8	42	202	04/12/2011	
Endrin ketone	1.67		8.74	8.33	0	104.9	19	244	04/12/2011	
gamma-BHC	1.67		8.11	8.33	0	97.4	55	166	04/12/2011	
gamma-Chlordane	1.67		7.97	8.33	0	95.6	23	186	04/12/2011	
Heptachlor	1.67		7.23	8.33	0	86.8	43	172	04/12/2011	
Heptachlor epoxide	1.67		8.06	8.33	0	96.8	39	204	04/12/2011	
Methoxychlor	1.67		9.07	8.33	0	108.9	3	221	04/12/2011	
Surr: Decachlorobiphenyl			8.11	8.33		97.3	50.4	176	04/12/2011	
Surr: Tetrachloro-m-xylene			5.68	8.33		68.2	10	107	04/12/2011	

Batch 67224		SampType: MS		Units µg/Kg-dry						
SampID: 11040237-003AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
4,4'-DDD	215	S	ND	10.7	0	0	36	208	04/12/2011	
4,4'-DDE	215	S	ND	10.7	0	0	26	191	04/12/2011	
4,4'-DDT	215	S	ND	10.7	0	0	3	215	04/12/2011	
Alachlor	215	S	ND	10.7	0	0	30	170	04/12/2011	
Aldrin	215	S	ND	10.7	0	0	46	173	04/12/2011	
alpha-BHC	215	S	ND	10.7	0	0	37	179	04/12/2011	
alpha-Chlordane	215	S	ND	10.7	0	0	38	187	04/12/2011	
beta-BHC	215	S	ND	10.7	0	0	51	185	04/12/2011	
delta-BHC	215	S	ND	10.7	0	0	46	166	04/12/2011	
Dieldrin	215	S	ND	10.7	0	0	26	216	04/12/2011	
Endosulfan I	215	S	ND	10.7	0	0	31	205	04/12/2011	
Endosulfan II	215	S	ND	10.7	0	0	42	187	04/12/2011	
Endosulfan sulfate	215	S	ND	10.7	0	0	29	230	04/12/2011	
Endrin	215	S	ND	10.7	0	0	30	215	04/12/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11040237

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

Report Date: 20-Apr-11

### SW-846 3550B, 8081A, CHLORINATED PESTICIDES BY GC/ECD

Batch 67224		SampType: MS		Units µg/Kg-dry						Date Analyzed
SampID: 11040237-003AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Endrin aldehyde	215	S	ND	10.7	0	0	42	202	04/12/2011	
Endrin ketone	215	S	ND	10.7	0	0	19	244	04/12/2011	
gamma-BHC	215	S	ND	10.7	0	0	55	166	04/12/2011	
gamma-Chlordane	215	S	ND	10.7	0	0	23	186	04/12/2011	
Heptachlor	215	S	ND	10.7	0	0	43	172	04/12/2011	
Heptachlor epoxide	215	S	ND	10.7	0	0	39	204	04/12/2011	
Methoxychlor	215	S	ND	10.7	0	0	3	221	04/12/2011	
Surr: Decachlorobiphenyl			12.1	10.7		112.8	48	149	04/12/2011	
Surr: Tetrachloro-m-xylene			5.63	10.7		52.4	19	145	04/12/2011	

Batch 67224		SampType: MSD		Units µg/Kg-dry				RPD Limit 40		Date Analyzed
SampID: 11040237-003AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
4,4'-DDD	215	S	ND	10.7	0	0	0	0.00	04/12/2011	
4,4'-DDE	215	S	ND	10.7	0	0	0	0.00	04/12/2011	
4,4'-DDT	215	S	ND	10.7	0	0	0	0.00	04/12/2011	
Alachlor	215	S	ND	10.7	0	0	0	0.00	04/12/2011	
Aldrin	215	S	ND	10.7	0	0	0	0.00	04/12/2011	
alpha-BHC	215	S	ND	10.7	0	0	0	0.00	04/12/2011	
alpha-Chlordane	215	S	ND	10.7	0	0	0	0.00	04/12/2011	
beta-BHC	215	S	ND	10.7	0	0	0	0.00	04/12/2011	
delta-BHC	215	S	ND	10.7	0	0	0	0.00	04/12/2011	
Dieldrin	215	S	ND	10.7	0	0	0	0.00	04/12/2011	
Endosulfan I	215	S	ND	10.7	0	0	0	0.00	04/12/2011	
Endosulfan II	215	S	ND	10.7	0	0	0	0.00	04/12/2011	
Endosulfan sulfate	215	S	ND	10.7	0	0	0	0.00	04/12/2011	
Endrin	215	S	ND	10.7	0	0	0	0.00	04/12/2011	
Endrin aldehyde	215	S	ND	10.7	0	0	0	0.00	04/12/2011	
Endrin ketone	215	S	ND	10.7	0	0	0	0.00	04/12/2011	
gamma-BHC	215	S	ND	10.7	0	0	0	0.00	04/12/2011	
gamma-Chlordane	215	S	ND	10.7	0	0	0	0.00	04/12/2011	
Heptachlor	215	S	ND	10.7	0	0	0	0.00	04/12/2011	
Heptachlor epoxide	215	S	ND	10.7	0	0	0	0.00	04/12/2011	
Methoxychlor	215	S	ND	10.7	0	0	0	0.00	04/12/2011	
Surr: Decachlorobiphenyl			9.06	10.7		84.4			04/12/2011	
Surr: Tetrachloro-m-xylene			4.81	10.7		44.8			04/12/2011	

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

Batch 67224		SampType: MBLK		Units µg/Kg						Date Analyzed
SampID: MB-67224										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Aroclor 1016	37.5		ND						04/12/2011	
Aroclor 1221	37.5		ND						04/12/2011	
Aroclor 1232	37.5		ND						04/12/2011	
Aroclor 1242	37.5		ND						04/12/2011	
Aroclor 1248	37.5		ND						04/12/2011	



**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040237

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

**Report Date:** 20-Apr-11

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

Batch 67224		SampType: MBLK		Units µg/Kg						
SampID: MB-67224										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Aroclor 1254	37.5		ND						04/12/2011	
Aroclor 1260	37.5		ND						04/12/2011	
Surr: Decachlorobiphenyl			11.0	8.3		132.5	92.8	141	04/12/2011	
Surr: Tetrachloro-meta-xylene			5.9	8.3		71.0	30.5	108	04/12/2011	

Batch 67224		SampType: LCS		Units µg/Kg						
SampID: LCSPCB-67224										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Aroclor 1016	37.5		141	167	0	84.5	54.9	121	04/12/2011	
Aroclor 1260	37.5		155	167	0	93.1	65.5	133	04/12/2011	
Surr: Decachlorobiphenyl			11.2	8.3		134.9	92.8	141	04/12/2011	
Surr: Tetrachloro-meta-xylene			6.1	8.3		72.9	30.5	108	04/12/2011	

Batch 67224		SampType: MS		Units µg/Kg-dry						
SampID: 11040237-003AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Aroclor 1016	48.4		141	215	0	65.6	35.8	143	04/12/2011	
Aroclor 1260	48.4		205	215	0	95.2	22.3	152	04/12/2011	
Surr: Decachlorobiphenyl			9.4	10.7		87.6	5	156	04/12/2011	
Surr: Tetrachloro-meta-xylene			9.2	10.7		86.0	7.35	123	04/12/2011	

Batch 67224		SampType: MSD		Units µg/Kg-dry				RPD Limit 40		Date Analyzed	
SampID: 11040237-003AMSD											
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Aroclor 1016	48.3		148	215	0	69.0	141.0	4.97	04/12/2011		
Aroclor 1260	48.3		186	215	0	86.4	204.7	9.82	04/12/2011		
Surr: Decachlorobiphenyl			8.5	10.7		79.1			04/12/2011		
Surr: Tetrachloro-meta-xylene			9.4	10.7		87.7			04/12/2011		

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

Batch 67150		SampType: MBLK		Units mg/Kg						
SampID: MB-67150										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.003		ND						04/08/2011	
Acenaphthylene	0.003		ND						04/08/2011	
Anthracene	0.003		ND						04/08/2011	
Benzo(a)anthracene	0.003		ND						04/08/2011	
Benzo(a)pyrene	0.003		ND						04/08/2011	
Benzo(b)fluoranthene	0.003		ND						04/08/2011	
Benzo(g,h,i)perylene	0.003		ND						04/08/2011	
Benzo(k)fluoranthene	0.003		ND						04/08/2011	
Chrysene	0.003		ND						04/08/2011	
Dibenzo(a,h)anthracene	0.003		ND						04/08/2011	
Fluoranthene	0.003		ND						04/08/2011	
Fluorene	0.003		ND						04/08/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040237

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

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

Batch 67150		SampType: MBLK		Units mg/Kg						
SampID: MB-67150										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Indeno(1,2,3-cd)pyrene	0.003		ND						04/08/2011	
Naphthalene	0.003		ND						04/08/2011	
Phenanthrene	0.003		ND						04/08/2011	
Pyrene	0.003		ND						04/08/2011	
Surr: 2-Fluorobiphenyl			0.104	0.167		62.1	45.7	89.2	04/08/2011	
Surr: Nitrobenzene-d5			0.108	0.167		64.7	31.4	100	04/08/2011	
Surr: p-Terphenyl-d14			0.104	0.167		62.5	53.3	124	04/08/2011	

Batch 67150		SampType: LCS		Units mg/Kg						
SampID: LCS-67150										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.003		0.131	0.167	0	78.4	56.3	115	04/08/2011	
Acenaphthylene	0.003		0.123	0.167	0	73.9	60.3	143	04/08/2011	
Anthracene	0.003		0.119	0.167	0	71.5	52.1	109	04/08/2011	
Benzo(a)anthracene	0.003		0.122	0.167	0	73.1	52.8	112	04/08/2011	
Benzo(a)pyrene	0.003		0.124	0.167	0	74.3	40.8	127	04/08/2011	
Benzo(b)fluoranthene	0.003		0.138	0.167	0	82.4	50.1	150	04/08/2011	
Benzo(g,h,i)perylene	0.003		0.137	0.167	0	82.0	52.8	145	04/08/2011	
Benzo(k)fluoranthene	0.003		0.140	0.167	0	84.0	52	153	04/08/2011	
Chrysene	0.003		0.139	0.167	0	83.4	60.8	128	04/08/2011	
Dibenzo(a,h)anthracene	0.003		0.133	0.167	0	79.6	54.9	150	04/08/2011	
Fluoranthene	0.003		0.127	0.167	0	76.0	58.7	125	04/08/2011	
Fluorene	0.003		0.130	0.167	0	77.8	57.8	125	04/08/2011	
Indeno(1,2,3-cd)pyrene	0.003		0.138	0.167	0	82.6	52	147	04/08/2011	
Naphthalene	0.003		0.123	0.167	0	73.5	54.8	113	04/08/2011	
Phenanthrene	0.003		0.121	0.167	0	72.7	60.4	121	04/08/2011	
Pyrene	0.003		0.126	0.167	0	75.4	57.9	129	04/08/2011	
Surr: 2-Fluorobiphenyl			0.095	0.167		56.7	45.7	89.2	04/08/2011	
Surr: Nitrobenzene-d5			0.097	0.167		58.1	31.4	100	04/08/2011	
Surr: p-Terphenyl-d14			0.098	0.167		58.5	53.3	124	04/08/2011	

Batch 67219		SampType: MBLK		Units %REC						
SampID: MB-67219										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: Nitrobenzene-d5			0.504	0.835		60.3	42.4	99.2	04/11/2011	

Batch 67219		SampType: LCS		Units %REC						
SampID: LCS-67219										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: Nitrobenzene-d5			0.778	0.835		93.2	42.4	99.2	04/11/2011	

Batch 67219		SampType: LCS		Units %REC						
SampID: LCS-DRO-67219										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: Nitrobenzene-d5			0.518	0.835		62.0	42.4	99.2	04/11/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11040237

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

Batch 67219		SampType: LCS		Units %REC						Date Analyzed
SampID: LCSDRO-67219										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		

Batch 67248		SampType: MBLK		Units mg/Kg						Date Analyzed
SampID: MB-67248										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Acenaphthene	0.003		ND						04/12/2011	
Acenaphthylene	0.003		ND						04/12/2011	
Anthracene	0.003		ND						04/12/2011	
Benzo(a)anthracene	0.003		ND						04/12/2011	
Benzo(a)pyrene	0.003		ND						04/12/2011	
Benzo(b)fluoranthene	0.003		ND						04/12/2011	
Benzo(g,h,i)perylene	0.003		ND						04/12/2011	
Benzo(k)fluoranthene	0.003		ND						04/12/2011	
Bis(2-ethylhexyl)phthalate	0.067		ND						04/12/2011	
Chrysene	0.003		ND						04/12/2011	
Dibenzo(a,h)anthracene	0.003		ND						04/12/2011	
Fluoranthene	0.003		ND						04/12/2011	
Fluorene	0.003		ND						04/12/2011	
Indeno(1,2,3-cd)pyrene	0.003		ND						04/12/2011	
Naphthalene	0.003		ND						04/12/2011	
Phenanthrene	0.003		ND						04/12/2011	
Pyrene	0.003		ND						04/12/2011	
Surr: 2-Fluorobiphenyl			0.104	0.167		62.5	45.7	89.2	04/12/2011	
Surr: Nitrobenzene-d5			0.115	0.167		69.1	31.4	100	04/12/2011	
Surr: p-Terphenyl-d14			0.128	0.167		76.8	53.3	124	04/12/2011	

Batch 67248		SampType: LCS		Units mg/Kg						Date Analyzed
SampID: LCS-67248										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Acenaphthene	0.003		0.146	0.167	0	87.6	56.3	115	04/12/2011	
Acenaphthylene	0.003		0.144	0.167	0	86.4	60.3	143	04/12/2011	
Anthracene	0.003		0.132	0.167	0	79.0	52.1	109	04/12/2011	
Benzo(a)anthracene	0.003		0.143	0.167	0	85.6	52.8	112	04/12/2011	
Benzo(a)pyrene	0.003		0.150	0.167	0	90.0	40.8	127	04/12/2011	
Benzo(b)fluoranthene	0.003		0.173	0.167	0	103.4	50.1	150	04/12/2011	
Benzo(g,h,i)perylene	0.003		0.182	0.167	0	108.8	52.8	145	04/12/2011	
Benzo(k)fluoranthene	0.003		0.166	0.167	0	99.4	52	153	04/12/2011	
Bis(2-ethylhexyl)phthalate	0.067		0.187	0.167	0	111.8	50	150	04/12/2011	
Chrysene	0.003		0.152	0.167	0	91.0	60.8	128	04/12/2011	
Dibenzo(a,h)anthracene	0.003		0.182	0.167	0	108.8	54.9	150	04/12/2011	
Fluoranthene	0.003		0.158	0.167	0	94.6	58.7	125	04/12/2011	
Fluorene	0.003		0.155	0.167	0	92.6	57.8	125	04/12/2011	
Indeno(1,2,3-cd)pyrene	0.003		0.178	0.167	0	106.4	52	147	04/12/2011	
Naphthalene	0.003		0.135	0.167	0	80.6	54.8	113	04/12/2011	
Phenanthrene	0.003		0.146	0.167	0	87.4	60.4	121	04/12/2011	
Pyrene	0.003		0.159	0.167	0	95.4	57.9	129	04/12/2011	
Surr: 2-Fluorobiphenyl			0.108	0.167		64.5	45.7	89.2	04/12/2011	
Surr: Nitrobenzene-d5			0.109	0.167		65.3	31.4	100	04/12/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11040237

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

Batch 67248		SampType: LCS		Units mg/Kg						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Surr: p-Terphenyl-d14			0.130	0.167		78.0	53.3	124	04/12/2011	

Batch 67248		SampType: MS		Units mg/Kg-dry						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Acenaphthene	0.004		0.362	0.203	0.1443	106.9	36	135	04/12/2011	
Acenaphthylene	0.004		0.207	0.203	0.02593	89.2	17.2	167	04/12/2011	
Anthracene	0.004		0.247	0.203	0.05592	93.8	39.3	124	04/12/2011	
Benzo(a)anthracene	0.004		0.203	0.203	0.02067	89.8	10	183	04/12/2011	
Benzo(a)pyrene	0.004		0.215	0.203	0.01459	98.6	10	204	04/12/2011	
Benzo(b)fluoranthene	0.004		0.220	0.203	0.01459	100.8	10.6	178	04/12/2011	
Benzo(g,h,i)perylene	0.004		0.214	0.203	0.007294	101.8	10	168	04/12/2011	
Benzo(k)fluoranthene	0.004		0.185	0.203	0.004863	88.8	27.6	181	04/12/2011	
Bis(2-ethylhexyl)phthalate	0.082		0.227	0.203	0	111.8	50	150	04/12/2011	
Chrysene	0.004		0.204	0.203	0.02188	89.6	10	176	04/12/2011	
Dibenzo(a,h)anthracene	0.004		0.211	0.203	0	103.6	12.2	156	04/12/2011	
Fluoranthene	0.004		0.228	0.203	0.04417	90.2	10	227	04/12/2011	
Fluorene	0.004		0.331	0.203	0.1106	108.3	35.2	148	04/12/2011	
Indeno(1,2,3-cd)pyrene	0.004		0.212	0.203	0.005673	101.6	10	164	04/12/2011	
Naphthalene	0.004	S	0.622	0.203	0.3076	154.5	14.7	128	04/12/2011	
Phenanthrene	0.004		0.513	0.203	0.2565	126.1	32.8	143	04/12/2011	
Pyrene	0.004		0.256	0.203	0.06524	93.9	10	180	04/12/2011	
Surr: 2-Fluorobiphenyl			0.097	0.203		47.5	10	131	04/12/2011	
Surr: Nitrobenzene-d5			0.108	0.203		53.3	10	132	04/12/2011	
Surr: p-Terphenyl-d14			0.131	0.203		64.7	30.6	131	04/12/2011	

Batch 67248		SampType: MSD		Units mg/Kg-dry						RPD Limit 49.7	Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Acenaphthene	0.004		0.226	0.201	0.1443	40.9	0.3615	45.95	04/12/2011		
Acenaphthylene	0.004		0.166	0.201	0.02593	69.5	0.2073	22.25	04/12/2011		
Anthracene	0.004		0.181	0.201	0.05592	62.2	0.2467	30.68	04/12/2011		
Benzo(a)anthracene	0.004		0.163	0.201	0.02067	70.6	0.2033	22.23	04/12/2011		
Benzo(a)pyrene	0.004		0.172	0.201	0.01459	78.4	0.2150	22.11	04/12/2011		
Benzo(b)fluoranthene	0.004		0.178	0.201	0.01459	81.2	0.2195	20.96	04/12/2011		
Benzo(g,h,i)perylene	0.004		0.177	0.201	0.007294	84.2	0.2142	19.23	04/12/2011		
Benzo(k)fluoranthene	0.004		0.155	0.201	0.004863	74.8	0.1854	17.64	04/12/2011		
Bis(2-ethylhexyl)phthalate	0.081		0.196	0.201	0	97.6	0.2272	14.59	04/12/2011		
Chrysene	0.004		0.167	0.201	0.02188	72.2	0.2041	19.98	04/12/2011		
Dibenzo(a,h)anthracene	0.004		0.177	0.201	0	88.2	0.2106	17.07	04/12/2011		
Fluoranthene	0.004		0.176	0.201	0.04417	65.7	0.2276	25.44	04/12/2011		
Fluorene	0.004		0.221	0.201	0.1106	55.0	0.3307	39.67	04/12/2011		
Indeno(1,2,3-cd)pyrene	0.004		0.177	0.201	0.005673	85.0	0.2122	18.28	04/12/2011		
Naphthalene	0.004	SR	0.308	0.201	0.3076	0.4	0.6216	67.37	04/12/2011		
Phenanthrene	0.004	SR	0.281	0.201	0.2565	12.2	0.5129	58.40	04/12/2011		
Pyrene	0.004		0.190	0.201	0.06524	62.2	0.2560	29.45	04/12/2011		

Client: PSC Industrial Outsourcing, LP

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

Batch 67248	SampType: MSD	Units mg/Kg-dry				RPD Limit 49.7		Date Analyzed	
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Surr: 2-Fluorobiphenyl			0.097	0.201		48.3			04/12/2011
Surr: Nitrobenzene-d5			0.105	0.201		52.3			04/12/2011
Surr: p-Terphenyl-d14			0.122	0.201		60.7			04/12/2011

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

Batch 67151	SampType: MBLK	Units mg/Kg				Low Limit		High Limit		Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,2,4-Trichlorobenzene	0.500		ND						04/10/2011	
1,2,4-Trichlorobenzene	0.500		ND						04/08/2011	
1,2-Dichlorobenzene	0.500		ND						04/10/2011	
1,2-Dichlorobenzene	0.500		ND						04/08/2011	
1,3-Dichlorobenzene	0.500		ND						04/10/2011	
1,3-Dichlorobenzene	0.500		ND						04/08/2011	
1,4-Dichlorobenzene	0.500		ND						04/10/2011	
1,4-Dichlorobenzene	0.500		ND						04/08/2011	
2,4,5-Trichlorophenol	0.350		ND						04/08/2011	
2,4,5-Trichlorophenol	0.350		ND						04/10/2011	
2,4,6-Trichlorophenol	0.350		ND						04/08/2011	
2,4,6-Trichlorophenol	0.350		ND						04/10/2011	
2,4-Dichlorophenol	0.500		ND						04/08/2011	
2,4-Dichlorophenol	0.500		ND						04/10/2011	
2,4-Dimethylphenol	0.500		ND						04/08/2011	
2,4-Dimethylphenol	0.500		ND						04/10/2011	
2,4-Dinitrophenol	1.00		ND						04/10/2011	
2,4-Dinitrophenol	1.00		ND						04/08/2011	
2,4-Dinitrotoluene	0.350		ND						04/10/2011	
2,4-Dinitrotoluene	0.350		ND						04/08/2011	
2,6-Dinitrotoluene	0.350		ND						04/10/2011	
2,6-Dinitrotoluene	0.350		ND						04/08/2011	
2-Chloronaphthalene	0.350		ND						04/08/2011	
2-Chloronaphthalene	0.350		ND						04/10/2011	
2-Chlorophenol	0.500		ND						04/10/2011	
2-Chlorophenol	0.500		ND						04/08/2011	
2-Methoxy-4-methylphenol	0.650		ND						04/10/2011	
2-Methoxy-4-methylphenol	0.650		ND						04/08/2011	
2-Methylnaphthalene	0.350		ND						04/10/2011	
2-Methylnaphthalene	0.350		ND						04/08/2011	
2-Nitroaniline	1.00		ND						04/08/2011	
2-Nitroaniline	1.00		ND						04/10/2011	
2-Nitrophenol	0.350		ND						04/08/2011	
2-Nitrophenol	0.350		ND						04/10/2011	
3,3'-Dichlorobenzidine	0.350		ND						04/10/2011	
3,3'-Dichlorobenzidine	0.350		ND						04/08/2011	
3-Nitroaniline	1.00		ND						04/08/2011	
3-Nitroaniline	1.00		ND						04/10/2011	

**Client:** PSC Industrial Outsourcing, LP

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

**Batch** 67151      **SampType:** MBLK      **Units** mg/Kg

SampID: MB-67151

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
4,6-Dinitro-2-methylphenol	1.00		ND						04/10/2011
4,6-Dinitro-2-methylphenol	1.00		ND						04/08/2011
4-Bromophenyl phenyl ether	0.350		ND						04/10/2011
4-Bromophenyl phenyl ether	0.350		ND						04/08/2011
4-Chloro-3-methylphenol	0.500		ND						04/08/2011
4-Chloro-3-methylphenol	0.500		ND						04/10/2011
4-Chloroaniline	0.500		ND						04/10/2011
4-Chloroaniline	0.500		ND						04/08/2011
4-Chlorophenyl phenyl ether	0.350		ND						04/10/2011
4-Chlorophenyl phenyl ether	0.350		ND						04/08/2011
4-Nitroaniline	0.500		ND						04/08/2011
4-Nitroaniline	0.500		ND						04/10/2011
4-Nitrophenol	0.350		ND						04/08/2011
4-Nitrophenol	0.350		ND						04/10/2011
Aniline	0.500		ND						04/08/2011
Aniline	0.500		ND						04/10/2011
Azobenzene	0.350		ND						04/08/2011
Azobenzene	0.350		ND						04/10/2011
Benzidine	1.06		ND						04/10/2011
Benzidine	1.06		ND						04/08/2011
Benzoic acid	1.50		ND						04/08/2011
Benzoic acid	1.50		ND						04/10/2011
Benzyl alcohol	0.500		ND						04/10/2011
Benzyl alcohol	0.500		ND						04/08/2011
Bis(2-chloroethoxy)methane	0.350		ND						04/08/2011
Bis(2-chloroethoxy)methane	0.350		ND						04/10/2011
Bis(2-chloroethyl)ether	0.500		ND						04/08/2011
Bis(2-chloroethyl)ether	0.500		ND						04/10/2011
Bis(2-chloroisopropyl)ether	0.350		ND						04/10/2011
Bis(2-chloroisopropyl)ether	0.350		ND						04/08/2011
Butyl benzyl phthalate	0.350		ND						04/10/2011
Butyl benzyl phthalate	0.350		ND						04/08/2011
Carbazole	0.500		ND						04/10/2011
Carbazole	0.500		ND						04/08/2011
Dibenzofuran	0.350		ND						04/10/2011
Dibenzofuran	0.350		ND						04/08/2011
Diethyl phthalate	0.500		ND						04/10/2011
Diethyl phthalate	0.500		ND						04/08/2011
Dimethyl phthalate	0.350		ND						04/10/2011
Dimethyl phthalate	0.350		ND						04/08/2011
Di-n-butyl phthalate	0.350		ND						04/10/2011
Di-n-butyl phthalate	0.350		ND						04/08/2011
Di-n-octyl phthalate	0.350		ND						04/10/2011
Di-n-octyl phthalate	0.350		ND						04/08/2011
Hexachlorobenzene	0.350		ND						04/08/2011
Hexachlorobenzene	0.350		ND						04/10/2011
Hexachlorobutadiene	0.500		ND						04/10/2011

Client: PSC Industrial Outsourcing, LP

Work Order: 11040237

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

Report Date: 20-Apr-11

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

Batch 67151		SampType: MBLK		Units mg/Kg						
SampID: MB-67151										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Hexachlorobutadiene	0.500		ND						04/08/2011	
Hexachlorocyclopentadiene	0.350		ND						04/08/2011	
Hexachlorocyclopentadiene	0.350		ND						04/10/2011	
Hexachloroethane	0.500		ND						04/08/2011	
Hexachloroethane	0.500		ND						04/10/2011	
Isophorone	0.350		ND						04/08/2011	
Isophorone	0.350		ND						04/10/2011	
m,p-Cresol	0.500		ND						04/08/2011	
m,p-Cresol	0.500		ND						04/10/2011	
Nitrobenzene	0.500		ND						04/08/2011	
Nitrobenzene	0.500		ND						04/10/2011	
N-Nitrosodimethylamine	0.500		ND						04/08/2011	
N-Nitrosodimethylamine	0.500		ND						04/10/2011	
N-Nitroso-di-n-propylamine	0.500		ND						04/08/2011	
N-Nitroso-di-n-propylamine	0.500		ND						04/10/2011	
N-Nitrosodiphenylamine	0.500		ND						04/08/2011	
N-Nitrosodiphenylamine	0.500		ND						04/10/2011	
o-Cresol	0.500		ND						04/10/2011	
o-Cresol	0.500		ND						04/08/2011	
Pentachlorophenol	2.00		ND						04/08/2011	
Pentachlorophenol	2.00		ND						04/10/2011	
Phenol	0.350		ND						04/10/2011	
Phenol	0.350		ND						04/08/2011	
Pyridine	0.500		ND						04/08/2011	
Pyridine	0.500		ND						04/10/2011	
1,2-Diphenylhydrazine	0.840		ND						04/10/2011	
1,2-Diphenylhydrazine	0.840		ND						04/08/2011	
Surr: 2,4,6-Tribromophenol			1.60	1.67		95.7	52.1	113	04/10/2011	
Surr: 2,4,6-Tribromophenol			1.73	1.67		103.5	52.1	113	04/08/2011	
Surr: 2-Fluorobiphenyl			0.812	0.835		97.2	46.3	106	04/08/2011	
Surr: 2-Fluorobiphenyl			0.797	0.835		95.5	46.3	106	04/10/2011	
Surr: 2-Fluorophenol			1.48	1.67		88.4	50.6	89	04/08/2011	
Surr: 2-Fluorophenol			1.26	1.67		75.6	50.6	89	04/10/2011	
Surr: Nitrobenzene-d5			0.693	0.835		83.0	42.4	99.2	04/08/2011	
Surr: Nitrobenzene-d5			0.657	0.835		78.7	42.4	99.2	04/10/2011	
Surr: Phenol-d5			1.45	1.67		86.9	55.9	98.5	04/08/2011	
Surr: Phenol-d5			1.30	1.67		77.8	55.9	98.5	04/10/2011	
Surr: p-Terphenyl-d14			0.821	0.835		98.3	45.5	115	04/08/2011	
Surr: p-Terphenyl-d14			0.819	0.835		98.1	45.5	115	04/10/2011	

Batch 67151		SampType: LCS		Units mg/Kg						
SampID: LCS-67151										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,2,4-Trichlorobenzene	0.500		1.27	1.67	0	76.3	43.9	92.2	04/10/2011	
1,2,4-Trichlorobenzene	0.500		1.33	1.67	0	79.9	43.9	92.2	04/08/2011	
1,4-Dichlorobenzene	0.500		1.10	1.67	0	65.6	43.8	84.1	04/10/2011	
1,4-Dichlorobenzene	0.500		1.13	1.67	0	67.9	43.8	84.1	04/08/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040237

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

**Report Date:** 20-Apr-11

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

Batch 67151		SampType: LCS		Units mg/Kg							Date Analyzed
SampID: LCS-67151											
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
2,4,5-Trichlorophenol	0.350		2.90	3.33	0	87.2	38.6	123	04/08/2011		
2,4,5-Trichlorophenol	0.350		2.76	3.33	0	82.8	38.6	123	04/10/2011		
2,4,6-Trichlorophenol	0.350		2.90	3.33	0	87.1	35.9	123	04/08/2011		
2,4,6-Trichlorophenol	0.350		2.69	3.33	0	80.8	35.9	123	04/10/2011		
2,4-Dimethylphenol	0.500		1.96	3.33	0	59.0	38.3	88	04/10/2011		
2,4-Dimethylphenol	0.500		2.30	3.33	0	68.9	38.3	88	04/08/2011		
2,4-Dinitrophenol	1.00		2.94	3.33	0	88.2	1.88	162	04/08/2011		
2,4-Dinitrophenol	1.00		2.27	3.33	0	68.2	1.88	162	04/10/2011		
2,4-Dinitrotoluene	0.350		1.42	1.67	0	85.3	48.6	102	04/08/2011		
2,4-Dinitrotoluene	0.350		1.29	1.67	0	77.5	48.6	102	04/10/2011		
2-Chlorophenol	0.500		2.33	3.33	0	70.0	46.6	84	04/10/2011		
2-Chlorophenol	0.500		2.36	3.33	0	70.8	46.6	84	04/08/2011		
4-Chloro-3-methylphenol	0.500		2.52	3.33	0	75.6	51.5	94.9	04/10/2011		
4-Chloro-3-methylphenol	0.500		2.72	3.33	0	81.7	51.5	94.9	04/08/2011		
4-Nitrophenol	0.350		2.40	3.33	0	72.2	53.2	104	04/10/2011		
4-Nitrophenol	0.350		2.69	3.33	0	80.8	53.2	104	04/08/2011		
Diethyl phthalate	0.500		2.34	3.33	0	70.3	51.7	106	04/10/2011		
Diethyl phthalate	0.500		2.63	3.33	0	79.0	51.7	106	04/08/2011		
Dimethyl phthalate	0.350		2.29	3.33	0	68.9	58.8	104	04/10/2011		
Dimethyl phthalate	0.350		2.49	3.33	0	74.7	58.8	104	04/08/2011		
Di-n-butyl phthalate	0.350		1.26	1.67	0	75.5	54.3	105	04/10/2011		
Di-n-butyl phthalate	0.350		1.35	1.67	0	81.1	54.3	105	04/08/2011		
Hexachlorobenzene	0.350		2.84	3.33	0	85.2	55.9	106	04/10/2011		
Hexachlorobenzene	0.350		3.04	3.33	0	91.2	55.9	106	04/08/2011		
Hexachlorobutadiene	0.500		2.54	3.33	0	76.4	35.7	100	04/10/2011		
Hexachlorobutadiene	0.500		2.63	3.33	0	78.9	35.7	100	04/08/2011		
Hexachloroethane	0.500		2.21	3.33	0	66.3	38.9	89.9	04/08/2011		
Hexachloroethane	0.500		1.99	3.33	0	59.8	38.9	89.9	04/10/2011		
m,p-Cresol	0.500		1.19	1.67	0	71.2	37.6	93.7	04/10/2011		
m,p-Cresol	0.500		1.27	1.67	0	76.2	37.6	93.7	04/08/2011		
Nitrobenzene	0.500		2.12	3.33	0	63.8	51.8	104	04/10/2011		
Nitrobenzene	0.500		2.27	3.33	0	68.1	51.8	104	04/08/2011		
N-Nitroso-di-n-propylamine	0.500		1.20	1.67	0	72.0	49.1	94.5	04/08/2011		
N-Nitroso-di-n-propylamine	0.500		1.07	1.67	0	64.2	49.1	94.5	04/10/2011		
o-Cresol	0.500		1.23	1.67	0	73.5	43	101	04/08/2011		
o-Cresol	0.500		1.20	1.67	0	72.1	43	101	04/10/2011		
Pentachlorophenol	2.00		2.71	3.33	0	81.4	42.2	102	04/08/2011		
Pentachlorophenol	2.00		2.48	3.33	0	74.5	42.2	102	04/10/2011		
Phenol	0.350		2.17	3.33	0	65.0	41.6	81.3	04/10/2011		
Phenol	0.350		2.33	3.33	0	69.9	41.6	81.3	04/08/2011		
Pyridine	0.500		2.05	3.33	0	61.5	3.61	74.3	04/08/2011		
Pyridine	0.500		1.91	3.33	0	57.3	3.61	74.3	04/10/2011		
Surr: 2,4,6-Tribromophenol			1.54	1.67		92.0	52.1	113	04/10/2011		
Surr: 2,4,6-Tribromophenol			1.63	1.67		97.8	52.1	113	04/08/2011		
Surr: 2-Fluorobiphenyl			0.653	0.835		78.2	46.3	106	04/10/2011		
Surr: 2-Fluorobiphenyl			0.705	0.835		84.4	46.3	106	04/08/2011		
Surr: 2-Fluorophenol			1.14	1.67		68.3	50.6	89	04/10/2011		



Client: PSC Industrial Outsourcing, LP

Work Order: 11040237

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

Report Date: 20-Apr-11

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

Batch 67151		SampType: LCS		Units mg/Kg					
SampID: LCS-67151									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Surr: 2-Fluorophenol			1.24	1.67		74.4	50.6	89	04/08/2011
Surr: Nitrobenzene-d5			0.738	0.835		88.3	42.4	99.2	04/10/2011
Surr: Nitrobenzene-d5			0.530	0.835		63.5	42.4	99.2	04/08/2011
Surr: Phenol-d5			1.26	1.67		75.6	55.9	98.5	04/08/2011
Surr: Phenol-d5			1.17	1.67		69.9	55.9	98.5	04/10/2011
Surr: p-Terphenyl-d14			0.799	0.835		95.7	45.5	115	04/08/2011
Surr: p-Terphenyl-d14			0.730	0.835		87.4	45.5	115	04/10/2011

Batch 67219		SampType: MBLK		Units mg/Kg					
SampID: MB-67219									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
1,2,4-Trichlorobenzene	0.500		ND						04/12/2011
1,2-Dichlorobenzene	0.500		ND						04/12/2011
1,3-Dichlorobenzene	0.500		ND						04/12/2011
1,4-Dichlorobenzene	0.500		ND						04/12/2011
2,4,5-Trichlorophenol	0.350		ND						04/12/2011
2,4,6-Trichlorophenol	0.350		ND						04/12/2011
2,4-Dichlorophenol	0.500		ND						04/12/2011
2,4-Dimethylphenol	0.500		ND						04/12/2011
2,4-Dinitrophenol	1.00		ND						04/12/2011
2,4-Dinitrotoluene	0.350		ND						04/12/2011
2,6-Dinitrotoluene	0.350		ND						04/12/2011
2-Chloronaphthalene	0.350		ND						04/12/2011
2-Chlorophenol	0.500		ND						04/12/2011
2-Methoxy-4-methylphenol	0.650		ND						04/12/2011
2-Methylnaphthalene	0.350		ND						04/12/2011
2-Nitroaniline	1.00		ND						04/12/2011
2-Nitrophenol	0.350		ND						04/12/2011
3,3'-Dichlorobenzidine	0.350		ND						04/12/2011
3-Nitroaniline	1.00		ND						04/12/2011
4,6-Dinitro-2-methylphenol	1.00		ND						04/12/2011
4-Bromophenyl phenyl ether	0.350		ND						04/12/2011
4-Chloro-3-methylphenol	0.500		ND						04/12/2011
4-Chloroaniline	0.500		ND						04/12/2011
4-Chlorophenyl phenyl ether	0.350		ND						04/12/2011
4-Nitroaniline	0.500		ND						04/12/2011
4-Nitrophenol	0.350		ND						04/12/2011
Aniline	0.500		ND						04/12/2011
Azobenzene	0.350		ND						04/12/2011
Benzidine	1.06		ND						04/12/2011
Benzoic acid	1.50		ND						04/12/2011
Benzyl alcohol	0.500		ND						04/12/2011
Bis(2-chloroethoxy)methane	0.350		ND						04/12/2011
Bis(2-chloroethyl)ether	0.500		ND						04/12/2011
Bis(2-chloroisopropyl)ether	0.350		ND						04/12/2011
Butyl benzyl phthalate	0.350		ND						04/12/2011
Carbazole	0.500		ND						04/12/2011

Client: PSC Industrial Outsourcing, LP

Work Order: 11040237

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

Report Date: 20-Apr-11

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

Batch 67219		SampType: MBLK		Units mg/Kg						Date Analyzed
SampID: MB-67219										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Dibenzofuran	0.350		ND						04/12/2011	
Diethyl phthalate	0.500		ND						04/12/2011	
Dimethyl phthalate	0.350		ND						04/12/2011	
Di-n-butyl phthalate	0.350		ND						04/12/2011	
Di-n-octyl phthalate	0.350		ND						04/12/2011	
Hexachlorobenzene	0.350		ND						04/12/2011	
Hexachlorobutadiene	0.500		ND						04/12/2011	
Hexachlorocyclopentadiene	0.350		ND						04/12/2011	
Hexachloroethane	0.500		ND						04/12/2011	
Isophorone	0.350		ND						04/12/2011	
m,p-Cresol	0.500		ND						04/12/2011	
Nitrobenzene	0.500		ND						04/12/2011	
N-Nitrosodimethylamine	0.500		ND						04/12/2011	
N-Nitroso-di-n-propylamine	0.500		ND						04/12/2011	
N-Nitrosodiphenylamine	0.500		ND						04/12/2011	
o-Cresol	0.500		ND						04/12/2011	
Pentachlorophenol	2.00		ND						04/12/2011	
Phenol	0.350		ND						04/12/2011	
Pyridine	0.500		ND						04/12/2011	
1,2-Diphenylhydrazine	0.840		ND						04/12/2011	
Surr: 2,4,6-Tribromophenol			1.36	1.67		81.3	52.1	113	04/12/2011	
Surr: 2-Fluorobiphenyl			0.504	0.835		60.3	46.3	106	04/11/2011	
Surr: 2-Fluorobiphenyl			0.598	0.835		71.6	46.3	106	04/12/2011	
Surr: 2-Fluorophenol			1.05	1.67		62.6	50.6	89	04/12/2011	
Surr: Nitrobenzene-d5			0.491	0.835		58.8	42.4	99.2	04/12/2011	
Surr: Phenol-d5			1.13	1.67		67.4	55.9	98.5	04/12/2011	
Surr: p-Terphenyl-d14			0.684	0.835		81.9	45.5	115	04/12/2011	
Surr: p-Terphenyl-d14			0.617	0.835		73.9	45.5	115	04/11/2011	

Batch 67219		SampType: LCS		Units mg/Kg						Date Analyzed
SampID: LCS-67219										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
1,2,4-Trichlorobenzene	0.500		1.20	1.67	0	71.7	43.9	92.2	04/12/2011	
1,4-Dichlorobenzene	0.500		0.982	1.67	0	58.8	43.8	84.1	04/12/2011	
2,4-Dinitrotoluene	0.350		1.20	1.67	0	71.7	48.6	102	04/12/2011	
2-Chlorophenol	0.500		1.90	3.33	0	57.0	46.6	84	04/12/2011	
4-Chloro-3-methylphenol	0.500		2.30	3.33	0	69.1	51.5	94.9	04/12/2011	
4-Nitrophenol	0.350		2.04	3.33	0	61.2	53.2	104	04/12/2011	
Diethyl phthalate	0.500		2.22	3.33	0	66.6	51.7	106	04/12/2011	
Dimethyl phthalate	0.350		2.15	3.33	0	64.4	58.8	104	04/12/2011	
Di-n-butyl phthalate	0.350		1.08	1.67	0	64.7	54.3	105	04/12/2011	
Hexachlorobenzene	0.350		2.54	3.33	0	76.1	55.9	106	04/12/2011	
Hexachlorobutadiene	0.500		2.46	3.33	0	74.0	35.7	100	04/12/2011	
Hexachloroethane	0.500		1.83	3.33	0	55.1	38.9	89.9	04/12/2011	
Nitrobenzene	0.500		2.02	3.33	0	60.6	51.8	104	04/12/2011	
N-Nitroso-di-n-propylamine	0.500		1.14	1.67	0	68.5	49.1	94.5	04/12/2011	
Pentachlorophenol	2.00	J	1.5	3.33	0	44.8	42.2	102	04/12/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040237

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

**Report Date:** 20-Apr-11

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

Batch 67219		SampType: LCS		Units mg/Kg						
SampID: LCS-67219										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Phenol	0.350		1.92	3.33	0	57.7	41.6	81.3	04/12/2011	
Pyridine	0.500		1.55	3.33	0	46.6	3.61	74.3	04/12/2011	
Surr: 2,4,6-Tribromophenol			1.41	1.67		84.7	52.1	113	04/12/2011	
Surr: 2-Fluorobiphenyl			0.614	0.835		73.6	46.3	106	04/11/2011	
Surr: 2-Fluorobiphenyl			0.655	0.835		78.5	46.3	106	04/12/2011	
Surr: 2-Fluorophenol			1.03	1.67		61.9	50.6	89	04/12/2011	
Surr: Nitrobenzene-d5			0.448	0.835		53.7	42.4	99.2	04/12/2011	
Surr: Phenol-d5			1.08	1.67		64.6	55.9	98.5	04/12/2011	
Surr: p-Terphenyl-d14			0.660	0.835		79.1	45.5	115	04/12/2011	
Surr: p-Terphenyl-d14			0.622	0.835		74.5	45.5	115	04/11/2011	

Batch 67219		SampType: LCS		Units %REC						
SampID: LCSDRO-67219										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: 2-Fluorobiphenyl			0.512	0.835		61.3	46.3	106	04/11/2011	
Surr: p-Terphenyl-d14			0.669	0.835		80.1	45.5	115	04/11/2011	

Batch 67219		SampType: MS		Units mg/Kg-dry						
SampID: 11040237-002AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,2,4-Trichlorobenzene	0.582		1.43	1.94	0	73.5	35.9	102	04/12/2011	
1,4-Dichlorobenzene	0.582		1.20	1.94	0	61.9	29.8	95.5	04/12/2011	
2,4-Dinitrotoluene	0.407		1.43	1.94	0	73.5	37.5	107	04/12/2011	
2-Chlorophenol	0.582		2.20	3.87	0	56.8	22.6	108	04/12/2011	
4-Chloro-3-methylphenol	0.582		2.61	3.87	0	67.4	19.3	131	04/12/2011	
4-Nitrophenol	0.407		2.30	3.87	0	59.5	27.6	123	04/12/2011	
Diethyl phthalate	0.582		2.59	3.87	0	66.8	51.7	106	04/12/2011	
Dimethyl phthalate	0.407		2.48	3.87	0	64.1	58.8	104	04/12/2011	
Di-n-butyl phthalate	0.407		1.27	1.94	0	65.2	54.3	105	04/12/2011	
Hexachlorobenzene	0.407		2.99	3.87	0	77.3	55.9	106	04/12/2011	
Hexachlorobutadiene	0.582		2.89	3.87	0	74.6	35.7	100	04/12/2011	
Hexachloroethane	0.582		2.28	3.87	0	58.8	38.9	89.9	04/12/2011	
Nitrobenzene	0.582		2.47	3.87	0	63.7	51.8	104	04/12/2011	
N-Nitroso-di-n-propylamine	0.582		1.23	1.94	0	63.5	45.5	99.1	04/12/2011	
Pentachlorophenol	2.33	J	1.2	3.87	0	30.0	18.5	113	04/12/2011	
Phenol	0.407		2.24	3.87	0	57.9	20.8	110	04/12/2011	
Pyridine	0.582		1.88	3.87	0	48.5	3.61	74.3	04/12/2011	
Surr: 2,4,6-Tribromophenol			1.45	1.94		74.4	32.7	130	04/12/2011	
Surr: 2-Fluorobiphenyl			0.452	0.971		46.6	34.1	116	04/12/2011	
Surr: 2-Fluorophenol			0.979	1.94		50.4	30.5	99	04/12/2011	
Surr: Nitrobenzene-d5			0.696	0.971		71.7	34.1	101	04/12/2011	
Surr: Phenol-d5			1.08	1.94		55.8	34.9	110	04/12/2011	
Surr: p-Terphenyl-d14			0.726	0.971		74.7	41.7	124	04/12/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040237

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

**Report Date:** 20-Apr-11

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

Batch 67219		SampType: MSD		Units mg/Kg-dry				RPD Limit 40		Date Analyzed
SampID: 11040237-002AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
1,2,4-Trichlorobenzene	0.582		1.47	1.94	0	75.6	1.428	2.86	04/12/2011	
1,4-Dichlorobenzene	0.582		1.27	1.94	0	65.1	1.203	5.06	04/12/2011	
2,4-Dinitrotoluene	0.407		1.42	1.94	0	73.1	1.427	0.40	04/12/2011	
2-Chlorophenol	0.582		2.31	3.88	0	59.7	2.202	4.93	04/12/2011	
4-Chloro-3-methylphenol	0.582		2.55	3.88	0	65.8	2.612	2.36	04/12/2011	
4-Nitrophenol	0.407		2.28	3.88	0	58.7	2.304	1.23	04/12/2011	
Diethyl phthalate	0.582		2.64	3.88	0	68.0	2.588	1.87	04/12/2011	
Dimethyl phthalate	0.407		2.54	3.88	0	65.6	2.484	2.38	04/12/2011	
Di-n-butyl phthalate	0.407		1.28	1.94	0	65.8	1.267	0.89	04/12/2011	
Hexachlorobenzene	0.407		2.97	3.88	0	76.7	2.995	0.70	04/12/2011	
Hexachlorobutadiene	0.582		3.01	3.88	0	77.5	2.891	3.88	04/12/2011	
Hexachloroethane	0.582		2.50	3.88	0	64.4	2.278	9.21	04/12/2011	
Nitrobenzene	0.582		2.53	3.88	0	65.4	2.468	2.64	04/12/2011	
N-Nitroso-di-n-propylamine	0.582		1.35	1.94	0	69.5	1.234	9.12	04/12/2011	
Pentachlorophenol	2.33	J	1.2	3.88	0	30.0	1.162	0.00	04/12/2011	
Phenol	0.407		2.36	3.88	0	61.0	2.244	5.22	04/12/2011	
Pyridine	0.582		2.06	3.88	0	53.1	1.877	9.30	04/12/2011	
Surr: 2,4,6-Tribromophenol			1.62	1.94		83.4			04/12/2011	
Surr: 2-Fluorobiphenyl			0.715	0.972		73.5			04/12/2011	
Surr: 2-Fluorophenol			1.26	1.94		64.6			04/12/2011	
Surr: Nitrobenzene-d5			0.879	0.972		90.5			04/12/2011	
Surr: Phenol-d5			1.33	1.94		68.3			04/12/2011	
Surr: p-Terphenyl-d14			0.736	0.972		75.7			04/12/2011	

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

Batch 67230		SampType: MBLK		Units µg/Kg						Date Analyzed
SampID: MBLK-G110408-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
1,1,1,2-Tetrachloroethane	5.0		ND						04/08/2011	
1,1,1-Trichloroethane	5.0		ND						04/08/2011	
1,1,2,2-Tetrachloroethane	5.0		ND						04/08/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0		ND						04/08/2011	
1,1,2-Trichloroethane	5.0		ND						04/08/2011	
1,1-Dichloro-2-propanone	50.0		ND						04/08/2011	
1,1-Dichloroethane	5.0		ND						04/08/2011	
1,1-Dichloroethene	5.0		ND						04/08/2011	
1,1-Dichloropropene	5.0		ND						04/08/2011	
1,2,3-Trichlorobenzene	5.0		ND						04/08/2011	
1,2,3-Trichloropropane	10		ND						04/08/2011	
1,2,3-Trimethylbenzene	5.0		ND						04/08/2011	
1,2,4-Trichlorobenzene	5.0		ND						04/08/2011	
1,2,4-Trimethylbenzene	5.0		ND						04/08/2011	
1,2-Dibromo-3-chloropropane	5.0		ND						04/08/2011	
1,2-Dibromoethane	5.0		ND						04/08/2011	
1,2-Dichlorobenzene	5.0		ND						04/08/2011	
1,2-Dichloroethane	5.0		ND						04/08/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11040237

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

Batch 67230		SampType: MBLK		Units µg/Kg						Date Analyzed
SampID: MBLK-G110408-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
1,2-Dichloropropane	5.0		ND						04/08/2011	
1,3,5-Trimethylbenzene	5.0		ND						04/08/2011	
1,3-Dichlorobenzene	5.0		ND						04/08/2011	
1,3-Dichloropropane	5.0		ND						04/08/2011	
1,4-Dichlorobenzene	5.0		ND						04/08/2011	
1-Chlorobutane	5.0		ND						04/08/2011	
2,2-Dichloropropane	5.0		ND						04/08/2011	
2-Butanone	50.0		ND						04/08/2011	
2-Chlorotoluene	5.0		ND						04/08/2011	
2-Hexanone	50.0		ND						04/08/2011	
2-Nitropropane	50.0		ND						04/08/2011	
4-Chlorotoluene	5.0		ND						04/08/2011	
4-Methyl-2-pentanone	50.0		ND						04/08/2011	
Acetone	50.0		ND						04/08/2011	
Acrolein	100		ND						04/08/2011	
Acrylonitrile	10		ND						04/08/2011	
Allyl chloride	5.0		ND						04/08/2011	
Benzene	1.0		ND						04/08/2011	
Bromobenzene	5.0		ND						04/08/2011	
Bromochloromethane	5.0		ND						04/08/2011	
Bromodichloromethane	5.0		ND						04/08/2011	
Bromoform	5.0		ND						04/08/2011	
Bromomethane	10		ND						04/08/2011	
Carbon disulfide	5.0		ND						04/08/2011	
Carbon tetrachloride	5.0		ND						04/08/2011	
Chlorobenzene	5.0		ND						04/08/2011	
Chloroethane	10		ND						04/08/2011	
Chloroform	5.0		ND						04/08/2011	
Chloromethane	10		ND						04/08/2011	
cis-1,2-Dichloroethene	5.0		ND						04/08/2011	
cis-1,3-Dichloropropene	4.0		ND						04/08/2011	
Cyclohexanone	100		ND						04/08/2011	
Dibromochloromethane	5.0		ND						04/08/2011	
Dibromomethane	5.0		ND						04/08/2011	
Dichlorodifluoromethane	10		ND						04/08/2011	
Ethyl acetate	50.0		ND						04/08/2011	
Ethyl ether	5.0		ND						04/08/2011	
Ethyl methacrylate	5.0		ND						04/08/2011	
Ethylbenzene	5.0		ND						04/08/2011	
Heptane	20.0		ND						04/08/2011	
Hexachlorobutadiene	5.0		ND						04/08/2011	
Hexachloroethane	5.0		ND						04/08/2011	
Iodomethane	10		ND						04/08/2011	
Isopropylbenzene	5.0		ND						04/08/2011	
m,p-Xylenes	5.0		ND						04/08/2011	
Methacrylonitrile	50.0		ND						04/08/2011	
Methyl Methacrylate	5.0		ND						04/08/2011	

Client: PSC Industrial Outsourcing, LP

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Report Date: 20-Apr-11

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

Batch 67230		SampType: MBLK		Units µg/Kg					
SampID: MBLK-G110408-1									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Methyl tert-butyl ether	2.0		ND						04/08/2011
Methylacrylate	10		ND						04/08/2011
Methylene chloride	5.0		ND						04/08/2011
Naphthalene	10		ND						04/08/2011
n-Butylbenzene	5.0		ND						04/08/2011
n-Hexane	20.0		ND						04/08/2011
Nitrobenzene	100		ND						04/08/2011
n-Propylbenzene	5.0		ND						04/08/2011
o-Xylene	5.0		ND						04/08/2011
Pentachloroethane	5.0		ND						04/08/2011
p-Isopropyltoluene	5.0		ND						04/08/2011
Propionitrile	50.0		ND						04/08/2011
sec-Butylbenzene	5.0		ND						04/08/2011
Styrene	5.0		ND						04/08/2011
tert-Butylbenzene	5.0		ND						04/08/2011
Tetrachloroethene	5.0		ND						04/08/2011
Tetrahydrofuran	50.0		ND						04/08/2011
Toluene	5.0		ND						04/08/2011
trans-1,2-Dichloroethene	5.0		ND						04/08/2011
trans-1,3-Dichloropropene	4.0		ND						04/08/2011
Trichloroethene	5.0		ND						04/08/2011
Trichlorofluoromethane	5.0		ND						04/08/2011
Vinyl acetate	50.0		ND						04/08/2011
Vinyl chloride	2.0		ND						04/08/2011
Surr: 1,2-Dichloroethane-d4			53.5	50.0		107.1	72.2	131	04/08/2011
Surr: 4-Bromofluorobenzene			50.9	50.0		101.8	82.1	116	04/08/2011
Surr: Dibromofluoromethane			48.0	50.0		96.0	77.7	120	04/08/2011
Surr: Toluene-d8			54.8	50.0		109.6	86	116	04/08/2011

Batch 67230		SampType: LCSD		Units µg/Kg		RPD Limit 40			
SampID: LCSD-G110408-1									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
1,1,1,2-Tetrachloroethane	5.0		50.9	50.0	0	101.8	49.07	3.66	04/08/2011
1,1,1-Trichloroethane	5.0		47.8	50.0	0	95.6	46.14	3.49	04/08/2011
1,1,2,2-Tetrachloroethane	5.0		50.5	50.0	0	101.0	48.77	3.47	04/08/2011
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0		42.0	50.0	0	83.9	41.01	2.31	04/08/2011
1,1,2-Trichloroethane	5.0		50.0	50.0	0	100.1	49.12	1.86	04/08/2011
1,1-Dichloro-2-propanone	50.0		123	125	0	98.8	121.3	1.80	04/08/2011
1,1-Dichloroethane	5.0		47.3	50.0	0	94.5	45.75	3.27	04/08/2011
1,1-Dichloroethene	5.0		39.7	50.0	0	79.4	39.07	1.57	04/08/2011
1,1-Dichloropropene	5.0		46.3	50.0	0	92.7	45.25	2.38	04/08/2011
1,2,3-Trichlorobenzene	5.0		50.5	50.0	0	101.0	50.23	0.56	04/08/2011
1,2,3-Trichloropropane	10		51.0	50.0	0	102.0	49.48	3.03	04/08/2011
1,2,3-Trimethylbenzene	5.0		52.5	50.0	0	104.9	50.72	3.37	04/08/2011
1,2,4-Trichlorobenzene	5.0		51.4	50.0	0	102.9	51.04	0.80	04/08/2011
1,2,4-Trimethylbenzene	5.0		52.1	50.0	0	104.3	50.21	3.75	04/08/2011
1,2-Dibromo-3-chloropropane	5.0		47.5	50.0	0	95.0	46.66	1.76	04/08/2011

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040237

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

**Report Date:** 20-Apr-11

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

Batch 67230	SampType: LCSD	Units µg/Kg						RPD Limit 40		Date Analyzed
SampID: LCSD-G110408-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
1,2-Dibromoethane	5.0		<b>52.7</b>	50.0	0	105.4	51.60	2.15	04/08/2011	
1,2-Dichlorobenzene	5.0		<b>49.0</b>	50.0	0	98.1	47.07	4.08	04/08/2011	
1,2-Dichloroethane	5.0		<b>49.9</b>	50.0	0	99.9	48.87	2.17	04/08/2011	
1,2-Dichloropropane	5.0		<b>47.8</b>	50.0	0	95.6	47.35	0.90	04/08/2011	
1,3,5-Trimethylbenzene	5.0		<b>52.2</b>	50.0	0	104.4	50.04	4.21	04/08/2011	
1,3-Dichlorobenzene	5.0		<b>49.3</b>	50.0	0	98.7	47.63	3.53	04/08/2011	
1,3-Dichloropropane	5.0		<b>52.8</b>	50.0	0	105.7	51.02	3.50	04/08/2011	
1,4-Dichlorobenzene	5.0		<b>49.6</b>	50.0	0	99.2	48.19	2.92	04/08/2011	
1-Chlorobutane	5.0		<b>50.8</b>	50.0	0	101.7	49.39	2.87	04/08/2011	
2,2-Dichloropropane	5.0		<b>46.6</b>	50.0	0	93.1	45.52	2.24	04/08/2011	
2-Butanone	50.0		<b>136</b>	125	0	108.9	133.7	1.73	04/08/2011	
2-Chlorotoluene	5.0		<b>52.7</b>	50.0	0	105.5	51.15	3.04	04/08/2011	
2-Hexanone	50.0		<b>133</b>	125	0	106.3	131.2	1.27	04/08/2011	
2-Nitropropane	50.0		<b>537</b>	500	0	107.3	529.4	1.35	04/08/2011	
4-Chlorotoluene	5.0		<b>52.0</b>	50.0	0	104.0	50.89	2.20	04/08/2011	
4-Methyl-2-pentanone	50.0		<b>131</b>	125	0	105.2	129.8	1.24	04/08/2011	
Acetone	50.0		<b>139</b>	125	0	111.0	139.4	0.54	04/08/2011	
Acrylonitrile	10		<b>45.4</b>	50.0	0	90.8	44.33	2.36	04/08/2011	
Allyl chloride	5.0		<b>48.1</b>	50.0	0	96.3	47.53	1.25	04/08/2011	
Benzene	1.0		<b>47.8</b>	50.0	0	95.6	46.26	3.23	04/08/2011	
Bromobenzene	5.0		<b>49.6</b>	50.0	0	99.3	47.42	4.55	04/08/2011	
Bromochloromethane	5.0		<b>49.9</b>	50.0	0	99.9	48.52	2.86	04/08/2011	
Bromodichloromethane	5.0		<b>48.5</b>	50.0	0	97.0	47.21	2.74	04/08/2011	
Bromoform	5.0		<b>51.8</b>	50.0	0	103.6	50.09	3.34	04/08/2011	
Bromomethane	10		<b>31.4</b>	50.0	0	62.9	31.74	0.92	04/08/2011	
Carbon disulfide	5.0		<b>37.1</b>	50.0	0	74.2	36.24	2.37	04/08/2011	
Carbon tetrachloride	5.0		<b>47.9</b>	50.0	0	95.8	46.81	2.26	04/08/2011	
Chlorobenzene	5.0		<b>52.9</b>	50.0	0	105.9	51.49	2.76	04/08/2011	
Chloroethane	10		<b>36.7</b>	50.0	0	73.4	36.90	0.60	04/08/2011	
Chloroform	5.0		<b>48.5</b>	50.0	0	97.0	47.09	2.97	04/08/2011	
Chloromethane	10		<b>22.9</b>	50.0	0	45.7	23.39	2.29	04/08/2011	
cis-1,2-Dichloroethene	5.0		<b>46.7</b>	50.0	0	93.4	45.49	2.58	04/08/2011	
cis-1,3-Dichloropropene	4.0		<b>47.7</b>	50.0	0	95.5	46.14	3.41	04/08/2011	
Cyclohexanone	100		<b>235</b>	250	0	93.9	238.9	1.71	04/08/2011	
Dibromochloromethane	5.0		<b>49.9</b>	50.0	0	99.9	48.37	3.17	04/08/2011	
Dibromomethane	5.0		<b>49.4</b>	50.0	0	98.7	48.10	2.61	04/08/2011	
Dichlorodifluoromethane	10		<b>11.1</b>	50.0	0	22.2	11.32	2.05	04/08/2011	
Ethyl acetate	50.0	J	<b>48</b>	50.0	0	96.4	47.12	0.00	04/08/2011	
Ethyl ether	5.0		<b>42.7</b>	50.0	0	85.5	41.79	2.25	04/08/2011	
Ethyl methacrylate	5.0		<b>52.8</b>	50.0	0	105.6	51.65	2.24	04/08/2011	
Ethylbenzene	5.0		<b>53.4</b>	50.0	0	106.8	52.43	1.83	04/08/2011	
Heptane	20.0		<b>47.4</b>	50.0	0	94.7	44.71	5.74	04/08/2011	
Hexachlorobutadiene	5.0		<b>47.0</b>	50.0	0	94.0	45.94	2.24	04/08/2011	
Hexachloroethane	5.0		<b>46.6</b>	50.0	0	93.3	44.72	4.22	04/08/2011	
Iodomethane	10		<b>53.9</b>	50.0	0	107.8	53.70	0.39	04/08/2011	
Isopropylbenzene	5.0		<b>53.9</b>	50.0	0	107.8	52.49	2.61	04/08/2011	
m,p-Xylenes	5.0		<b>107</b>	100	0	107.1	105.2	1.77	04/08/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11040237

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

Report Date: 20-Apr-11

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

Batch 67230		SampType: LCSD		Units µg/Kg				RPD Limit 40		Date Analyzed
SampID: LCSD-G110408-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Methacrylonitrile	50.0	J	48	50.0	0	96.9	47.77	0.00	04/08/2011	
Methyl Methacrylate	5.0		47.7	50.0	0	95.5	46.54	2.52	04/08/2011	
Methyl tert-butyl ether	2.0		46.8	50.0	0	93.7	45.96	1.88	04/08/2011	
Methylacrylate	10		49.2	50.0	0	98.4	48.56	1.27	04/08/2011	
Methylene chloride	5.0		45.2	50.0	0	90.4	44.23	2.17	04/08/2011	
Naphthalene	10		51.4	50.0	0	102.8	50.62	1.51	04/08/2011	
n-Butylbenzene	5.0		54.4	50.0	0	108.7	52.75	2.99	04/08/2011	
n-Hexane	20.0		40.7	50.0	0	81.4	39.07	4.09	04/08/2011	
Nitrobenzene	100		504	500	0	100.9	487.8	3.36	04/08/2011	
n-Propylbenzene	5.0		52.2	50.0	0	104.4	50.36	3.63	04/08/2011	
o-Xylene	5.0		53.2	50.0	0	106.5	52.12	2.13	04/08/2011	
Pentachloroethane	5.0		50.2	50.0	0	100.4	47.72	5.09	04/08/2011	
p-Isopropyltoluene	5.0		50.8	50.0	0	101.5	48.71	4.12	04/08/2011	
Propionitrile	50.0		488	500	0	97.6	486.2	0.40	04/08/2011	
sec-Butylbenzene	5.0		52.4	50.0	0	104.8	50.49	3.69	04/08/2011	
Styrene	5.0		54.2	50.0	0	108.3	52.74	2.66	04/08/2011	
tert-Butylbenzene	5.0		52.2	50.0	0	104.3	50.32	3.61	04/08/2011	
Tetrachloroethene	5.0		48.9	50.0	0	97.7	47.62	2.57	04/08/2011	
Tetrahydrofuran	50.0	J	46	50.0	0	91.6	46.74	0.00	04/08/2011	
Toluene	5.0		46.5	50.0	0	93.0	45.05	3.19	04/08/2011	
trans-1,2-Dichloroethene	5.0		45.1	50.0	0	90.2	44.17	2.08	04/08/2011	
trans-1,3-Dichloropropene	4.0		52.0	50.0	0	104.1	51.17	1.67	04/08/2011	
Trichloroethene	5.0		45.2	50.0	0	90.5	43.54	3.81	04/08/2011	
Trichlorofluoromethane	5.0		39.6	50.0	0	79.2	38.97	1.63	04/08/2011	
Vinyl acetate	50.0		50.3	50.0	0	100.6	49.30	2.01	04/08/2011	
Vinyl chloride	2.0		31.6	50.0	0	63.2	31.72	0.32	04/08/2011	
Surr: 1,2-Dichloroethane-d4			51.4	50.0		102.8			04/08/2011	
Surr: 4-Bromofluorobenzene			51.1	50.0		102.2			04/08/2011	
Surr: Dibromofluoromethane			48.4	50.0		96.8			04/08/2011	
Surr: Toluene-d8			54.2	50.0		108.3			04/08/2011	

Batch 67230		SampType: LCS		Units µg/Kg						Date Analyzed
SampID: LCS-G110408-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
1,1,1,2-Tetrachloroethane	5.0		49.1	50.0	0	98.1	0	200	04/08/2011	
1,1,1-Trichloroethane	5.0		46.1	50.0	0	92.3	85.6	124	04/08/2011	
1,1,2,2-Tetrachloroethane	5.0		48.8	50.0	0	97.5	0	200	04/08/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0		41.0	50.0	0	82.0	0	200	04/08/2011	
1,1,2-Trichloroethane	5.0		49.1	50.0	0	98.2	0	200	04/08/2011	
1,1-Dichloro-2-propanone	50.0		121	125	0	97.0	0	200	04/08/2011	
1,1-Dichloroethane	5.0		45.8	50.0	0	91.5	0	200	04/08/2011	
1,1-Dichloroethene	5.0		39.1	50.0	0	78.1	60.1	131	04/08/2011	
1,1-Dichloropropene	5.0		45.2	50.0	0	90.5	0	200	04/08/2011	
1,2,3-Trichlorobenzene	5.0		50.2	50.0	0	100.5	0	200	04/08/2011	
1,2,3-Trichloropropane	10		49.5	50.0	0	99.0	0	200	04/08/2011	
1,2,3-Trimethylbenzene	5.0		50.7	50.0	0	101.4	0	200	04/08/2011	
1,2,4-Trichlorobenzene	5.0		51.0	50.0	0	102.1	0	200	04/08/2011	



Client: PSC Industrial Outsourcing, LP

Work Order: 11040237

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

Report Date: 20-Apr-11

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

Batch 67230	SampType: LCS	Units µg/Kg								
SampID: LCS-G110408-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,2,4-Trimethylbenzene	5.0		50.2	50.0	0	100.4	0	200	04/08/2011	
1,2-Dibromo-3-chloropropane	5.0		46.7	50.0	0	93.3	0	200	04/08/2011	
1,2-Dibromoethane	5.0		51.6	50.0	0	103.2	86.9	119	04/08/2011	
1,2-Dichlorobenzene	5.0		47.1	50.0	0	94.1	88	119	04/08/2011	
1,2-Dichloroethane	5.0		48.9	50.0	0	97.7	73	117	04/08/2011	
1,2-Dichloropropane	5.0		47.4	50.0	0	94.7	0	200	04/08/2011	
1,3,5-Trimethylbenzene	5.0		50.0	50.0	0	100.1	0	200	04/08/2011	
1,3-Dichlorobenzene	5.0		47.6	50.0	0	95.3	85.8	125	04/08/2011	
1,3-Dichloropropane	5.0		51.0	50.0	0	102.0	0	200	04/08/2011	
1,4-Dichlorobenzene	5.0		48.2	50.0	0	96.4	84.5	124	04/08/2011	
1-Chlorobutane	5.0		49.4	50.0	0	98.8	0	200	04/08/2011	
2,2-Dichloropropane	5.0		45.5	50.0	0	91.0	0	200	04/08/2011	
2-Butanone	50.0		134	125	0	107.0	45.3	136	04/08/2011	
2-Chlorotoluene	5.0		51.2	50.0	0	102.3	0	200	04/08/2011	
2-Hexanone	50.0		131	125	0	105.0	0	200	04/08/2011	
2-Nitropropane	50.0		529	500	0	105.9	0	200	04/08/2011	
4-Chlorotoluene	5.0		50.9	50.0	0	101.8	0	200	04/08/2011	
4-Methyl-2-pentanone	50.0		130	125	0	103.9	0	200	04/08/2011	
Acetone	50.0		139	125	0	111.6	0	200	04/08/2011	
Acrylonitrile	10		44.3	50.0	0	88.7	0	200	04/08/2011	
Allyl chloride	5.0		47.5	50.0	0	95.1	0	200	04/08/2011	
Benzene	1.0		46.3	50.0	0	92.5	73.9	109	04/08/2011	
Bromobenzene	5.0		47.4	50.0	0	94.8	0	200	04/08/2011	
Bromochloromethane	5.0		48.5	50.0	0	97.0	0	200	04/08/2011	
Bromodichloromethane	5.0		47.2	50.0	0	94.4	91.3	126	04/08/2011	
Bromoform	5.0		50.1	50.0	0	100.2	0	200	04/08/2011	
Bromomethane	10		31.7	50.0	0	63.5	0	200	04/08/2011	
Carbon disulfide	5.0		36.2	50.0	0	72.5	0	200	04/08/2011	
Carbon tetrachloride	5.0		46.8	50.0	0	93.6	83.3	127	04/08/2011	
Chlorobenzene	5.0		51.5	50.0	0	103.0	85.8	116	04/08/2011	
Chloroethane	10		36.9	50.0	0	73.8	0	200	04/08/2011	
Chloroform	5.0		47.1	50.0	0	94.2	80	113	04/08/2011	
Chloromethane	10		23.4	50.0	0	46.8	0	200	04/08/2011	
cis-1,2-Dichloroethene	5.0		45.5	50.0	0	91.0	0	200	04/08/2011	
cis-1,3-Dichloropropene	4.0		46.1	50.0	0	92.3	0	200	04/08/2011	
Cyclohexanone	100		239	250	0	95.6	0	200	04/08/2011	
Dibromochloromethane	5.0		48.4	50.0	0	96.7	89.1	119	04/08/2011	
Dibromomethane	5.0		48.1	50.0	0	96.2	0	200	04/08/2011	
Dichlorodifluoromethane	10		11.3	50.0	0	22.6	0	200	04/08/2011	
Ethyl acetate	50.0	J	47	50.0	0	94.2	0	200	04/08/2011	
Ethyl ether	5.0		41.8	50.0	0	83.6	0	200	04/08/2011	
Ethyl methacrylate	5.0		51.6	50.0	0	103.3	0	200	04/08/2011	
Ethylbenzene	5.0		52.4	50.0	0	104.9	84.1	115	04/08/2011	
Heptane	20.0		44.7	50.0	0	89.4	0	200	04/08/2011	
Hexachlorobutadiene	5.0		45.9	50.0	0	91.9	0	200	04/08/2011	
Hexachloroethane	5.0		44.7	50.0	0	89.4	0	200	04/08/2011	
Iodomethane	10		53.7	50.0	0	107.4	0	200	04/08/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040237

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

**Report Date:** 20-Apr-11

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

Batch 67230		SampType: LCS		Units µg/Kg						
SampID: LCS-G110408-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Isopropylbenzene	5.0		52.5	50.0	0	105.0	0	200	04/08/2011	
m,p-Xylenes	5.0		105	100	0	105.2	79.1	111	04/08/2011	
Methacrylonitrile	50.0	J	48	50.0	0	95.5	0	200	04/08/2011	
Methyl Methacrylate	5.0		46.5	50.0	0	93.1	0	200	04/08/2011	
Methyl tert-butyl ether	2.0		46.0	50.0	0	91.9	80	128	04/08/2011	
Methylacrylate	10		48.6	50.0	0	97.1	0	200	04/08/2011	
Methylene chloride	5.0		44.2	50.0	0	88.5	73.9	116	04/08/2011	
Naphthalene	10		50.6	50.0	0	101.2	73.1	135	04/08/2011	
n-Butylbenzene	5.0		52.8	50.0	0	105.5	0	200	04/08/2011	
n-Hexane	20.0		39.1	50.0	0	78.1	0	200	04/08/2011	
Nitrobenzene	100		488	500	0	97.6	0	200	04/08/2011	
n-Propylbenzene	5.0		50.4	50.0	0	100.7	0	200	04/08/2011	
o-Xylene	5.0		52.1	50.0	0	104.2	82	117	04/08/2011	
Pentachloroethane	5.0		47.7	50.0	0	95.4	0	200	04/08/2011	
p-Isopropyltoluene	5.0		48.7	50.0	0	97.4	0	200	04/08/2011	
Propionitrile	50.0		486	500	0	97.2	0	200	04/08/2011	
sec-Butylbenzene	5.0		50.5	50.0	0	101.0	0	200	04/08/2011	
Styrene	5.0		52.7	50.0	0	105.5	0	200	04/08/2011	
tert-Butylbenzene	5.0		50.3	50.0	0	100.6	0	200	04/08/2011	
Tetrachloroethene	5.0		47.6	50.0	0	95.2	74.6	115	04/08/2011	
Tetrahydrofuran	50.0	J	47	50.0	0	93.5	0	200	04/08/2011	
Toluene	5.0		45.0	50.0	0	90.1	79.1	112	04/08/2011	
trans-1,2-Dichloroethene	5.0		44.2	50.0	0	88.3	0	200	04/08/2011	
trans-1,3-Dichloropropene	4.0		51.2	50.0	0	102.3	0	200	04/08/2011	
Trichloroethene	5.0		43.5	50.0	0	87.1	81	111	04/08/2011	
Trichlorofluoromethane	5.0		39.0	50.0	0	77.9	0	200	04/08/2011	
Vinyl acetate	50.0	J	49	50.0	0	98.6	0	200	04/08/2011	
Vinyl chloride	2.0		31.7	50.0	0	63.4	0	200	04/08/2011	
Surr: 1,2-Dichloroethane-d4			51.3	50.0		102.7	72.2	131	04/08/2011	
Surr: 4-Bromofluorobenzene			51.4	50.0		102.9	82.1	116	04/08/2011	
Surr: Dibromofluoromethane			48.8	50.0		97.7	77.7	120	04/08/2011	
Surr: Toluene-d8			54.3	50.0		108.6	86	116	04/08/2011	

Batch 67271		SampType: MBLK		Units µg/Kg						
SampID: MBLK-G110411-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,1,1,2-Tetrachloroethane	5.0		ND						04/11/2011	
1,1,1-Trichloroethane	5.0		ND						04/11/2011	
1,1,2,2-Tetrachloroethane	5.0		ND						04/11/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0		ND						04/11/2011	
1,1,2-Trichloroethane	5.0		ND						04/11/2011	
1,1-Dichloro-2-propanone	50.0		ND						04/11/2011	
1,1-Dichloroethane	5.0		ND						04/11/2011	
1,1-Dichloroethene	5.0		ND						04/11/2011	
1,1-Dichloropropene	5.0		ND						04/11/2011	
1,2,3-Trichlorobenzene	5.0		ND						04/11/2011	
1,2,3-Trichloropropane	10		ND						04/11/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11040237

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

Report Date: 20-Apr-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
Batch 67271	SampType: MBLK		Units µg/Kg						
SampID: MBLK-G110411-1									
1,2,3-Trimethylbenzene	5.0		ND						04/11/2011
1,2,4-Trichlorobenzene	5.0		ND						04/11/2011
1,2,4-Trimethylbenzene	5.0		ND						04/11/2011
1,2-Dibromo-3-chloropropane	5.0		ND						04/11/2011
1,2-Dibromoethane	5.0		ND						04/11/2011
1,2-Dichlorobenzene	5.0		ND						04/11/2011
1,2-Dichloroethane	5.0	J	1.9						04/11/2011
1,2-Dichloropropane	5.0		ND						04/11/2011
1,3,5-Trimethylbenzene	5.0		ND						04/11/2011
1,3-Dichlorobenzene	5.0		ND						04/11/2011
1,3-Dichloropropane	5.0		ND						04/11/2011
1,4-Dichlorobenzene	5.0		ND						04/11/2011
1-Chlorobutane	5.0		ND						04/11/2011
2,2-Dichloropropane	5.0		ND						04/11/2011
2-Butanone	50.0		ND						04/11/2011
2-Chlorotoluene	5.0		ND						04/11/2011
2-Hexanone	50.0		ND						04/11/2011
2-Nitropropane	50.0		ND						04/11/2011
4-Chlorotoluene	5.0		ND						04/11/2011
4-Methyl-2-pentanone	50.0		ND						04/11/2011
Acetone	50.0		ND						04/11/2011
Acrolein	100		ND						04/11/2011
Acrylonitrile	10		ND						04/11/2011
Allyl chloride	5.0		ND						04/11/2011
Benzene	1.0		ND						04/11/2011
Bromobenzene	5.0		ND						04/11/2011
Bromochloromethane	5.0		ND						04/11/2011
Bromodichloromethane	5.0		ND						04/11/2011
Bromoform	5.0		ND						04/11/2011
Bromomethane	10		ND						04/11/2011
Carbon disulfide	5.0		ND						04/11/2011
Carbon tetrachloride	5.0		ND						04/11/2011
Chlorobenzene	5.0		ND						04/11/2011
Chloroethane	10		ND						04/11/2011
Chloroform	5.0		ND						04/11/2011
Chloromethane	10		ND						04/11/2011
cis-1,2-Dichloroethene	5.0		ND						04/11/2011
cis-1,3-Dichloropropene	4.0		ND						04/11/2011
Cyclohexanone	100		ND						04/11/2011
Dibromochloromethane	5.0		ND						04/11/2011
Dibromomethane	5.0		ND						04/11/2011
Dichlorodifluoromethane	10		ND						04/11/2011
Ethyl acetate	50.0		ND						04/11/2011
Ethyl ether	5.0		ND						04/11/2011
Ethyl methacrylate	5.0		ND						04/11/2011
Ethylbenzene	5.0		ND						04/11/2011
Heptane	20.0		ND						04/11/2011

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040237

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

**Report Date:** 20-Apr-11

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

Batch 67271		SampType: MBLK		Units µg/Kg						
SampID: MBLK-G110411-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Hexachlorobutadiene	5.0		ND						04/11/2011	
Hexachloroethane	5.0		ND						04/11/2011	
Iodomethane	10		ND						04/11/2011	
Isopropylbenzene	5.0		ND						04/11/2011	
m,p-Xylenes	5.0		ND						04/11/2011	
Methacrylonitrile	50.0		ND						04/11/2011	
Methyl Methacrylate	5.0		ND						04/11/2011	
Methyl tert-butyl ether	2.0		ND						04/11/2011	
Methylacrylate	10		ND						04/11/2011	
Methylene chloride	5.0		ND						04/11/2011	
Naphthalene	10		ND						04/11/2011	
n-Butylbenzene	5.0		ND						04/11/2011	
n-Hexane	20.0		ND						04/11/2011	
Nitrobenzene	100		ND						04/11/2011	
n-Propylbenzene	5.0		ND						04/11/2011	
o-Xylene	5.0		ND						04/11/2011	
Pentachloroethane	5.0		ND						04/11/2011	
p-Isopropyltoluene	5.0		ND						04/11/2011	
Propionitrile	50.0		ND						04/11/2011	
sec-Butylbenzene	5.0		ND						04/11/2011	
Styrene	5.0		ND						04/11/2011	
tert-Butylbenzene	5.0		ND						04/11/2011	
Tetrachloroethene	5.0		ND						04/11/2011	
Tetrahydrofuran	50.0		ND						04/11/2011	
Toluene	5.0		ND						04/11/2011	
trans-1,2-Dichloroethene	5.0		ND						04/11/2011	
trans-1,3-Dichloropropene	4.0		ND						04/11/2011	
Trichloroethene	5.0		ND						04/11/2011	
Trichlorofluoromethane	5.0		ND						04/11/2011	
Vinyl acetate	50.0		ND						04/11/2011	
Vinyl chloride	2.0		ND						04/11/2011	
Surr: 1,2-Dichloroethane-d4			52.8	50.0		105.7	72.2	131	04/11/2011	
Surr: 4-Bromofluorobenzene			51.9	50.0		103.7	82.1	116	04/11/2011	
Surr: Dibromofluoromethane			48.8	50.0		97.6	77.7	120	04/11/2011	
Surr: Toluene-d8			53.6	50.0		107.1	86	116	04/11/2011	

Batch 67271		SampType: LCSD		Units µg/Kg		RPD Limit 40				
SampID: LCSD-G110411-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
1,1,1,2-Tetrachloroethane	5.0		51.6	50.0	0	103.1	54.80	6.09	04/11/2011	
1,1,1-Trichloroethane	5.0		47.6	50.0	0	95.1	50.82	6.63	04/11/2011	
1,1,2,2-Tetrachloroethane	5.0		49.6	50.0	0	99.2	53.53	7.60	04/11/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0		42.3	50.0	0	84.7	43.90	3.62	04/11/2011	
1,1,2-Trichloroethane	5.0		49.8	50.0	0	99.7	54.22	8.42	04/11/2011	
1,1-Dichloro-2-propanone	50.0		118	125	0	94.1	133.2	12.40	04/11/2011	
1,1-Dichloroethane	5.0		46.9	50.0	0	93.8	49.70	5.84	04/11/2011	
1,1-Dichloroethene	5.0		39.6	50.0	0	79.3	42.36	6.63	04/11/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11040237

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

Report Date: 20-Apr-11

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

Batch 67271	SampType: LCSD	Units µg/Kg					RPD Limit 40			
SampID: LCSD-G110411-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
1,1-Dichloropropene	5.0		45.8	50.0	0	91.7	48.94	6.56	04/11/2011	
1,2,3-Trichlorobenzene	5.0		51.2	50.0	0	102.3	56.44	9.83	04/11/2011	
1,2,3-Trichloropropane	10		50.8	50.0	0	101.6	55.17	8.23	04/11/2011	
1,2,3-Trimethylbenzene	5.0		52.4	50.0	0	104.7	54.91	4.75	04/11/2011	
1,2,4-Trichlorobenzene	5.0		50.7	50.0	0	101.5	55.31	8.62	04/11/2011	
1,2,4-Trimethylbenzene	5.0		51.9	50.0	0	103.7	53.98	3.99	04/11/2011	
1,2-Dibromo-3-chloropropane	5.0		47.7	50.0	0	95.5	53.72	11.79	04/11/2011	
1,2-Dibromoethane	5.0		52.4	50.0	0	104.8	57.01	8.41	04/11/2011	
1,2-Dichlorobenzene	5.0		48.7	50.0	0	97.4	51.78	6.09	04/11/2011	
1,2-Dichloroethane	5.0		49.4	50.0	0	98.9	53.16	7.27	04/11/2011	
1,2-Dichloropropane	5.0		48.8	50.0	0	97.7	51.77	5.84	04/11/2011	
1,3,5-Trimethylbenzene	5.0		51.8	50.0	0	103.6	53.81	3.83	04/11/2011	
1,3-Dichlorobenzene	5.0		48.2	50.0	0	96.4	51.32	6.27	04/11/2011	
1,3-Dichloropropane	5.0		52.0	50.0	0	104.1	56.05	7.40	04/11/2011	
1,4-Dichlorobenzene	5.0		47.9	50.0	0	95.8	51.67	7.55	04/11/2011	
1-Chlorobutane	5.0		49.3	50.0	0	98.7	52.25	5.73	04/11/2011	
2,2-Dichloropropane	5.0		46.8	50.0	0	93.5	49.01	4.72	04/11/2011	
2-Butanone	50.0		126	125	0	100.7	139.9	10.57	04/11/2011	
2-Chlorotoluene	5.0		51.7	50.0	0	103.4	54.43	5.16	04/11/2011	
2-Hexanone	50.0		125	125	0	100.3	142.4	12.71	04/11/2011	
2-Nitropropane	50.0		522	500	0	104.3	575.6	9.85	04/11/2011	
4-Chlorotoluene	5.0		51.0	50.0	0	101.9	53.65	5.14	04/11/2011	
4-Methyl-2-pentanone	50.0		129	125	0	102.9	143.1	10.65	04/11/2011	
Acetone	50.0		130	125	0	103.8	146.2	11.90	04/11/2011	
Acrylonitrile	10		45.3	50.0	0	90.7	50.00	9.78	04/11/2011	
Allyl chloride	5.0		47.4	50.0	0	94.9	49.25	3.76	04/11/2011	
Benzene	1.0		47.9	50.0	0	95.8	51.11	6.48	04/11/2011	
Bromobenzene	5.0		49.4	50.0	0	98.8	52.43	5.95	04/11/2011	
Bromochloromethane	5.0		49.5	50.0	0	99.0	52.61	6.05	04/11/2011	
Bromodichloromethane	5.0		48.7	50.0	0	97.5	52.20	6.88	04/11/2011	
Bromoform	5.0		52.4	50.0	0	104.8	57.16	8.67	04/11/2011	
Bromomethane	10		30.9	50.0	0	61.8	31.96	3.37	04/11/2011	
Carbon disulfide	5.0		36.2	50.0	0	72.4	38.69	6.70	04/11/2011	
Carbon tetrachloride	5.0		48.6	50.0	0	97.2	51.24	5.27	04/11/2011	
Chlorobenzene	5.0		52.6	50.0	0	105.3	56.31	6.76	04/11/2011	
Chloroethane	10		36.4	50.0	0	72.7	38.69	6.21	04/11/2011	
Chloroform	5.0		48.8	50.0	0	97.6	51.40	5.21	04/11/2011	
Chloromethane	10		21.7	50.0	0	43.4	23.34	7.19	04/11/2011	
cis-1,2-Dichloroethene	5.0		46.9	50.0	0	93.8	50.08	6.54	04/11/2011	
cis-1,3-Dichloropropene	4.0		48.4	50.0	0	96.8	51.45	6.13	04/11/2011	
Cyclohexanone	100		228	250	0	91.2	250.1	9.27	04/11/2011	
Dibromochloromethane	5.0		50.7	50.0	0	101.4	53.73	5.82	04/11/2011	
Dibromomethane	5.0		50.2	50.0	0	100.4	53.20	5.80	04/11/2011	
Dichlorodifluoromethane	10	J	9.7	50.0	0	19.3	10.25	0.00	04/11/2011	
Ethyl acetate	50.0	J	48	50.0	0	96.8	55.52	0.00	04/11/2011	
Ethyl ether	5.0		42.3	50.0	0	84.7	45.93	8.13	04/11/2011	
Ethyl methacrylate	5.0		51.4	50.0	0	102.8	56.19	8.94	04/11/2011	



## Quality Control Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040237

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

**Report Date:** 20-Apr-11

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

Batch 67271		SampType: LCSD		Units µg/Kg				RPD Limit 40		Date Analyzed
SampID: LCSD-G110411-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Ethylbenzene	5.0		52.8	50.0	0	105.7	56.07	5.95	04/11/2011	
Heptane	20.0		47.3	50.0	0	94.6	46.63	1.45	04/11/2011	
Hexachlorobutadiene	5.0		48.2	50.0	0	96.3	51.60	6.90	04/11/2011	
Hexachloroethane	5.0		47.6	50.0	0	95.3	50.50	5.85	04/11/2011	
Iodomethane	10		54.0	50.0	0	108.0	57.60	6.41	04/11/2011	
Isopropylbenzene	5.0		53.5	50.0	0	107.0	56.32	5.15	04/11/2011	
m,p-Xylenes	5.0		107	100	0	106.6	113.6	6.37	04/11/2011	
Methacrylonitrile	50.0	J	47	50.0	0	93.9	52.50	0.00	04/11/2011	
Methyl Methacrylate	5.0		47.4	50.0	0	94.8	52.14	9.48	04/11/2011	
Methyl tert-butyl ether	2.0		46.8	50.0	0	93.5	50.83	8.32	04/11/2011	
Methylacrylate	10		48.3	50.0	0	96.6	53.96	11.05	04/11/2011	
Methylene chloride	5.0		44.6	50.0	0	89.2	48.15	7.63	04/11/2011	
Naphthalene	10		54.1	50.0	0	108.3	58.78	8.24	04/11/2011	
n-Butylbenzene	5.0		53.3	50.0	0	106.5	55.99	5.00	04/11/2011	
n-Hexane	20.0		40.4	50.0	0	80.8	40.48	0.15	04/11/2011	
Nitrobenzene	100		509	500	0	101.7	588.0	14.49	04/11/2011	
n-Propylbenzene	5.0		51.3	50.0	0	102.6	53.36	3.94	04/11/2011	
o-Xylene	5.0		52.3	50.0	0	104.6	55.80	6.46	04/11/2011	
Pentachloroethane	5.0		51.4	50.0	0	102.8	54.07	5.08	04/11/2011	
p-Isopropyltoluene	5.0		51.3	50.0	0	102.6	53.87	4.89	04/11/2011	
Propionitrile	50.0		476	500	0	95.2	538.5	12.27	04/11/2011	
sec-Butylbenzene	5.0		52.1	50.0	0	104.3	54.47	4.37	04/11/2011	
Styrene	5.0		53.6	50.0	0	107.3	56.99	6.06	04/11/2011	
tert-Butylbenzene	5.0		52.0	50.0	0	104.0	53.97	3.72	04/11/2011	
Tetrachloroethene	5.0		49.0	50.0	0	97.9	51.40	4.86	04/11/2011	
Tetrahydrofuran	50.0	J	47	50.0	0	93.4	51.05	0.00	04/11/2011	
Toluene	5.0		45.7	50.0	0	91.4	48.41	5.80	04/11/2011	
trans-1,2-Dichloroethene	5.0		44.4	50.0	0	88.8	47.19	6.05	04/11/2011	
trans-1,3-Dichloropropene	4.0		51.4	50.0	0	102.8	55.26	7.20	04/11/2011	
Trichloroethene	5.0		46.0	50.0	0	92.0	48.43	5.19	04/11/2011	
Trichlorofluoromethane	5.0		39.1	50.0	0	78.2	41.23	5.25	04/11/2011	
Vinyl acetate	50.0	J	49	50.0	0	98.4	53.85	0.00	04/11/2011	
Vinyl chloride	2.0		30.2	50.0	0	60.3	31.67	4.85	04/11/2011	
Surr: 1,2-Dichloroethane-d4			50.3	50.0		100.6			04/11/2011	
Surr: 4-Bromofluorobenzene			51.5	50.0		103.0			04/11/2011	
Surr: Dibromofluoromethane			48.8	50.0		97.6			04/11/2011	
Surr: Toluene-d8			53.0	50.0		106.0			04/11/2011	

Batch 67271		SampType: LCS		Units µg/Kg						Date Analyzed
SampID: LCS-G110411-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
1,1,1,2-Tetrachloroethane	5.0		54.8	50.0	0	109.6	0	200	04/11/2011	
1,1,1-Trichloroethane	5.0		50.8	50.0	0	101.6	85.6	124	04/11/2011	
1,1,2,2-Tetrachloroethane	5.0		53.5	50.0	0	107.1	0	200	04/11/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0		43.9	50.0	0	87.8	0	200	04/11/2011	
1,1,2-Trichloroethane	5.0		54.2	50.0	0	108.4	0	200	04/11/2011	
1,1-Dichloro-2-propanone	50.0		133	125	0	106.6	0	200	04/11/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040237

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

**Report Date:** 20-Apr-11

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

Batch 67271		SampType: LCS		Units µg/Kg						
SampID: LCS-G110411-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,1-Dichloroethane	5.0		49.7	50.0	0	99.4	0	200	04/11/2011	
1,1-Dichloroethene	5.0		42.4	50.0	0	84.7	60.1	131	04/11/2011	
1,1-Dichloropropene	5.0		48.9	50.0	0	97.9	0	200	04/11/2011	
1,2,3-Trichlorobenzene	5.0		56.4	50.0	0	112.9	0	200	04/11/2011	
1,2,3-Trichloropropane	10		55.2	50.0	0	110.3	0	200	04/11/2011	
1,2,3-Trimethylbenzene	5.0		54.9	50.0	0	109.8	0	200	04/11/2011	
1,2,4-Trichlorobenzene	5.0		55.3	50.0	0	110.6	0	200	04/11/2011	
1,2,4-Trimethylbenzene	5.0		54.0	50.0	0	108.0	0	200	04/11/2011	
1,2-Dibromo-3-chloropropane	5.0		53.7	50.0	0	107.4	0	200	04/11/2011	
1,2-Dibromoethane	5.0		57.0	50.0	0	114.0	86.9	119	04/11/2011	
1,2-Dichlorobenzene	5.0		51.8	50.0	0	103.6	88	119	04/11/2011	
1,2-Dichloroethane	5.0		53.2	50.0	0	106.3	73	117	04/11/2011	
1,2-Dichloropropane	5.0		51.8	50.0	0	103.5	0	200	04/11/2011	
1,3,5-Trimethylbenzene	5.0		53.8	50.0	0	107.6	0	200	04/11/2011	
1,3-Dichlorobenzene	5.0		51.3	50.0	0	102.6	85.8	125	04/11/2011	
1,3-Dichloropropane	5.0		56.0	50.0	0	112.1	0	200	04/11/2011	
1,4-Dichlorobenzene	5.0		51.7	50.0	0	103.3	84.5	124	04/11/2011	
1-Chlorobutane	5.0		52.2	50.0	0	104.5	0	200	04/11/2011	
2,2-Dichloropropane	5.0		49.0	50.0	0	98.0	0	200	04/11/2011	
2-Butanone	50.0		140	125	0	111.9	45.3	136	04/11/2011	
2-Chlorotoluene	5.0		54.4	50.0	0	108.9	0	200	04/11/2011	
2-Hexanone	50.0		142	125	0	113.9	0	200	04/11/2011	
2-Nitropropane	50.0		576	500	0	115.1	0	200	04/11/2011	
4-Chlorotoluene	5.0		53.6	50.0	0	107.3	0	200	04/11/2011	
4-Methyl-2-pentanone	50.0		143	125	0	114.5	0	200	04/11/2011	
Acetone	50.0		146	125	0	116.9	0	200	04/11/2011	
Acrylonitrile	10		50.0	50.0	0	100	0	200	04/11/2011	
Allyl chloride	5.0		49.2	50.0	0	98.5	0	200	04/11/2011	
Benzene	1.0		51.1	50.0	0	102.2	73.9	109	04/11/2011	
Bromobenzene	5.0		52.4	50.0	0	104.9	0	200	04/11/2011	
Bromochloromethane	5.0		52.6	50.0	0	105.2	0	200	04/11/2011	
Bromodichloromethane	5.0		52.2	50.0	0	104.4	91.3	126	04/11/2011	
Bromoform	5.0		57.2	50.0	0	114.3	0	200	04/11/2011	
Bromomethane	10		32.0	50.0	0	63.9	0	200	04/11/2011	
Carbon disulfide	5.0		38.7	50.0	0	77.4	0	200	04/11/2011	
Carbon tetrachloride	5.0		51.2	50.0	0	102.5	83.3	127	04/11/2011	
Chlorobenzene	5.0		56.3	50.0	0	112.6	85.8	116	04/11/2011	
Chloroethane	10		38.7	50.0	0	77.4	0	200	04/11/2011	
Chloroform	5.0		51.4	50.0	0	102.8	80	113	04/11/2011	
Chloromethane	10		23.3	50.0	0	46.7	0	200	04/11/2011	
cis-1,2-Dichloroethene	5.0		50.1	50.0	0	100.2	0	200	04/11/2011	
cis-1,3-Dichloropropene	4.0		51.4	50.0	0	102.9	0	200	04/11/2011	
Cyclohexanone	100		250	250	0	100	0	200	04/11/2011	
Dibromochloromethane	5.0		53.7	50.0	0	107.5	89.1	119	04/11/2011	
Dibromomethane	5.0		53.2	50.0	0	106.4	0	200	04/11/2011	
Dichlorodifluoromethane	10		10.2	50.0	0	20.5	0	200	04/11/2011	
Ethyl acetate	50.0		55.5	50.0	0	111.0	0	200	04/11/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040237

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

**Report Date:** 20-Apr-11

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

Batch 67271		SampType: LCS		Units µg/Kg						
SampID: LCS-G110411-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Ethyl ether	5.0		45.9	50.0	0	91.9	0	200	04/11/2011	
Ethyl methacrylate	5.0		56.2	50.0	0	112.4	0	200	04/11/2011	
Ethylbenzene	5.0		56.1	50.0	0	112.1	84.1	115	04/11/2011	
Heptane	20.0		46.6	50.0	0	93.3	0	200	04/11/2011	
Hexachlorobutadiene	5.0		51.6	50.0	0	103.2	0	200	04/11/2011	
Hexachloroethane	5.0		50.5	50.0	0	101.0	0	200	04/11/2011	
Iodomethane	10		57.6	50.0	0	115.2	0	200	04/11/2011	
Isopropylbenzene	5.0		56.3	50.0	0	112.6	0	200	04/11/2011	
m,p-Xylenes	5.0	S	114	100	0	113.6	79.1	111	04/11/2011	
Methacrylonitrile	50.0		52.5	50.0	0	105.0	0	200	04/11/2011	
Methyl Methacrylate	5.0		52.1	50.0	0	104.3	0	200	04/11/2011	
Methyl tert-butyl ether	2.0		50.8	50.0	0	101.7	80	128	04/11/2011	
Methylacrylate	10		54.0	50.0	0	107.9	0	200	04/11/2011	
Methylene chloride	5.0		48.2	50.0	0	96.3	73.9	116	04/11/2011	
Naphthalene	10		58.8	50.0	0	117.6	73.1	135	04/11/2011	
n-Butylbenzene	5.0		56.0	50.0	0	112.0	0	200	04/11/2011	
n-Hexane	20.0		40.5	50.0	0	81.0	0	200	04/11/2011	
Nitrobenzene	100		588	500	0	117.6	0	200	04/11/2011	
n-Propylbenzene	5.0		53.4	50.0	0	106.7	0	200	04/11/2011	
o-Xylene	5.0		55.8	50.0	0	111.6	82	117	04/11/2011	
Pentachloroethane	5.0		54.1	50.0	0	108.1	0	200	04/11/2011	
p-Isopropyltoluene	5.0		53.9	50.0	0	107.7	0	200	04/11/2011	
Propionitrile	50.0		539	500	0	107.7	0	200	04/11/2011	
sec-Butylbenzene	5.0		54.5	50.0	0	108.9	0	200	04/11/2011	
Styrene	5.0		57.0	50.0	0	114.0	0	200	04/11/2011	
tert-Butylbenzene	5.0		54.0	50.0	0	107.9	0	200	04/11/2011	
Tetrachloroethene	5.0		51.4	50.0	0	102.8	74.6	115	04/11/2011	
Tetrahydrofuran	50.0		51.0	50.0	0	102.1	0	200	04/11/2011	
Toluene	5.0		48.4	50.0	0	96.8	79.1	112	04/11/2011	
trans-1,2-Dichloroethene	5.0		47.2	50.0	0	94.4	0	200	04/11/2011	
trans-1,3-Dichloropropene	4.0		55.3	50.0	0	110.5	0	200	04/11/2011	
Trichloroethene	5.0		48.4	50.0	0	96.9	81	111	04/11/2011	
Trichlorofluoromethane	5.0		41.2	50.0	0	82.5	0	200	04/11/2011	
Vinyl acetate	50.0		53.8	50.0	0	107.7	0	200	04/11/2011	
Vinyl chloride	2.0		31.7	50.0	0	63.3	0	200	04/11/2011	
Surr: 1,2-Dichloroethane-d4			51.3	50.0		102.6	72.2	131	04/11/2011	
Surr: 4-Bromofluorobenzene			51.6	50.0		103.1	82.1	116	04/11/2011	
Surr: Dibromofluoromethane			49.1	50.0		98.1	77.7	120	04/11/2011	
Surr: Toluene-d8			52.9	50.0		105.9	86	116	04/11/2011	

Batch 67282		SampType: MBLK		Units µg/Kg						
SampID: MBLK-F110412-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,1,1,2-Tetrachloroethane	5.0		ND						04/12/2011	
1,1,1-Trichloroethane	5.0		ND						04/12/2011	
1,1,2,2-Tetrachloroethane	5.0		ND						04/12/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0		ND						04/12/2011	



Client: PSC Industrial Outsourcing, LP

Work Order: 11040237

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

Report Date: 20-Apr-11

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

Batch 67282		SampType: MBLK		Units µg/Kg							
SampID: MBLK-F110412-1											Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
1,1,2-Trichloroethane	5.0		ND							04/12/2011	
1,1-Dichloro-2-propanone	50.0		ND							04/12/2011	
1,1-Dichloroethane	5.0		ND							04/12/2011	
1,1-Dichloroethene	5.0		ND							04/12/2011	
1,1-Dichloropropene	5.0		ND							04/12/2011	
1,2,3-Trichlorobenzene	5.0		ND							04/12/2011	
1,2,3-Trichloropropane	10		ND							04/12/2011	
1,2,3-Trimethylbenzene	5.0		ND							04/12/2011	
1,2,4-Trichlorobenzene	5.0		ND							04/12/2011	
1,2,4-Trimethylbenzene	5.0		ND							04/12/2011	
1,2-Dibromo-3-chloropropane	5.0		ND							04/12/2011	
1,2-Dibromoethane	5.0		ND							04/12/2011	
1,2-Dichlorobenzene	5.0		ND							04/12/2011	
1,2-Dichloroethane	5.0		ND							04/12/2011	
1,2-Dichloropropane	5.0		ND							04/12/2011	
1,3,5-Trimethylbenzene	5.0		ND							04/12/2011	
1,3-Dichlorobenzene	5.0		ND							04/12/2011	
1,3-Dichloropropane	5.0		ND							04/12/2011	
1,4-Dichlorobenzene	5.0		ND							04/12/2011	
1-Chlorobutane	5.0		ND							04/12/2011	
2,2-Dichloropropane	5.0		ND							04/12/2011	
2-Butanone	50.0		ND							04/12/2011	
2-Chlorotoluene	5.0		ND							04/12/2011	
2-Hexanone	50.0		ND							04/12/2011	
2-Nitropropane	50.0		ND							04/12/2011	
4-Chlorotoluene	5.0		ND							04/12/2011	
4-Methyl-2-pentanone	50.0		ND							04/12/2011	
Acetone	50.0		ND							04/12/2011	
Acrolein	100		ND							04/12/2011	
Acrylonitrile	10		ND							04/12/2011	
Allyl chloride	5.0		ND							04/12/2011	
Benzene	1.0		ND							04/12/2011	
Bromobenzene	5.0		ND							04/12/2011	
Bromochloromethane	5.0		ND							04/12/2011	
Bromodichloromethane	5.0		ND							04/12/2011	
Bromoform	5.0		ND							04/12/2011	
Bromomethane	10		ND							04/12/2011	
Carbon disulfide	5.0		ND							04/12/2011	
Carbon tetrachloride	5.0		ND							04/12/2011	
Chlorobenzene	5.0		ND							04/12/2011	
Chloroethane	10		ND							04/12/2011	
Chloroform	5.0		ND							04/12/2011	
Chloromethane	10		ND							04/12/2011	
cis-1,2-Dichloroethene	5.0		ND							04/12/2011	
cis-1,3-Dichloropropene	4.0		ND							04/12/2011	
Cyclohexanone	100		ND							04/12/2011	
Dibromochloromethane	5.0		ND							04/12/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040237

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

**Report Date:** 20-Apr-11

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

Batch 67282		SampType: MBLK		Units µg/Kg						
SampID: MBLK-F110412-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Dibromomethane	5.0		ND						04/12/2011	
Dichlorodifluoromethane	10		ND						04/12/2011	
Ethyl acetate	50.0		ND						04/12/2011	
Ethyl ether	5.0		ND						04/12/2011	
Ethyl methacrylate	5.0		ND						04/12/2011	
Ethylbenzene	5.0		ND						04/12/2011	
Heptane	20.0		ND						04/12/2011	
Hexachlorobutadiene	5.0		ND						04/12/2011	
Hexachloroethane	5.0		ND						04/12/2011	
Iodomethane	10		ND						04/12/2011	
Isopropylbenzene	5.0		ND						04/12/2011	
m,p-Xylenes	5.0		ND						04/12/2011	
Methacrylonitrile	50.0		ND						04/12/2011	
Methyl Methacrylate	5.0		ND						04/12/2011	
Methyl tert-butyl ether	2.0		ND						04/12/2011	
Methylacrylate	10		ND						04/12/2011	
Methylene chloride	5.0		ND						04/12/2011	
Naphthalene	10		ND						04/12/2011	
n-Butylbenzene	5.0		ND						04/12/2011	
n-Hexane	20.0		ND						04/12/2011	
Nitrobenzene	100		ND						04/12/2011	
n-Propylbenzene	5.0		ND						04/12/2011	
o-Xylene	5.0		ND						04/12/2011	
Pentachloroethane	5.0		ND						04/12/2011	
p-Isopropyltoluene	5.0		ND						04/12/2011	
Propionitrile	50.0		ND						04/12/2011	
sec-Butylbenzene	5.0		ND						04/12/2011	
Styrene	5.0		ND						04/12/2011	
tert-Butylbenzene	5.0		ND						04/12/2011	
Tetrachloroethene	5.0		ND						04/12/2011	
Tetrahydrofuran	50.0		ND						04/12/2011	
Toluene	5.0		ND						04/12/2011	
trans-1,2-Dichloroethene	5.0		ND						04/12/2011	
trans-1,3-Dichloropropene	4.0		ND						04/12/2011	
Trichloroethene	5.0		ND						04/12/2011	
Trichlorofluoromethane	5.0		ND						04/12/2011	
Vinyl acetate	50.0		ND						04/12/2011	
Vinyl chloride	2.0		ND						04/12/2011	
Surr: 1,2-Dichloroethane-d4			45.9	50.0		91.7	72.2	131	04/12/2011	
Surr: 4-Bromofluorobenzene			51.0	50.0		102.0	82.1	116	04/12/2011	
Surr: Dibromofluoromethane			49.4	50.0		98.9	77.7	120	04/12/2011	
Surr: Toluene-d8			48.2	50.0		96.3	86	116	04/12/2011	

Batch 67282		SampType: LCSD		Units µg/Kg		RPD Limit 40				
SampID: LCSD-F110412-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
1,1,1,2-Tetrachloroethane	5.0		42.6	50.0	0	85.2	45.92	7.52	04/12/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11040237

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

Report Date: 20-Apr-11

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

Batch 67282	SampType: LCSD	Units µg/Kg						RPD Limit 40		Date Analyzed
SampID: LCSD-F110412-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
1,1,1-Trichloroethane	5.0	S	41.6	50.0	0	83.3	44.48	6.60	04/12/2011	
1,1,2,2-Tetrachloroethane	5.0		45.9	50.0	0	91.8	47.29	2.98	04/12/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0		41.5	50.0	0	83.0	43.41	4.52	04/12/2011	
1,1,2-Trichloroethane	5.0		45.0	50.0	0	90.0	48.21	6.91	04/12/2011	
1,1-Dichloro-2-propanone	50.0		104	125	0	83.0	112.8	8.38	04/12/2011	
1,1-Dichloroethane	5.0		45.5	50.0	0	91.1	47.76	4.78	04/12/2011	
1,1-Dichloroethene	5.0		40.4	50.0	0	80.7	42.66	5.57	04/12/2011	
1,1-Dichloropropene	5.0		45.0	50.0	0	90.0	47.05	4.41	04/12/2011	
1,2,3-Trichlorobenzene	5.0		45.1	50.0	0	90.2	50.71	11.75	04/12/2011	
1,2,3-Trichloropropane	10		41.7	50.0	0	83.3	42.33	1.60	04/12/2011	
1,2,3-Trimethylbenzene	5.0		43.4	50.0	0	86.9	45.73	5.11	04/12/2011	
1,2,4-Trichlorobenzene	5.0		46.2	50.0	0	92.3	52.49	12.81	04/12/2011	
1,2,4-Trimethylbenzene	5.0		43.7	50.0	0	87.5	44.86	2.55	04/12/2011	
1,2-Dibromo-3-chloropropane	5.0		44.3	50.0	0	88.6	47.81	7.67	04/12/2011	
1,2-Dibromoethane	5.0		46.8	50.0	0	93.5	50.10	6.90	04/12/2011	
1,2-Dichlorobenzene	5.0		44.7	50.0	0	89.4	47.46	5.99	04/12/2011	
1,2-Dichloroethane	5.0		42.2	50.0	0	84.3	44.18	4.68	04/12/2011	
1,2-Dichloropropane	5.0		48.1	50.0	0	96.3	51.28	6.32	04/12/2011	
1,3,5-Trimethylbenzene	5.0		43.0	50.0	0	86.0	44.34	3.09	04/12/2011	
1,3-Dichlorobenzene	5.0		45.2	50.0	0	90.4	47.89	5.82	04/12/2011	
1,3-Dichloropropane	5.0		45.1	50.0	0	90.1	48.35	7.04	04/12/2011	
1,4-Dichlorobenzene	5.0		45.1	50.0	0	90.2	48.10	6.44	04/12/2011	
1-Chlorobutane	5.0		40.5	50.0	0	80.9	42.36	4.59	04/12/2011	
2,2-Dichloropropane	5.0		42.8	50.0	0	85.7	44.70	4.25	04/12/2011	
2-Butanone	50.0		118	125	0	94.2	128.2	8.47	04/12/2011	
2-Chlorotoluene	5.0		42.8	50.0	0	85.7	43.52	1.55	04/12/2011	
2-Hexanone	50.0		107	125	0	85.4	117.4	9.53	04/12/2011	
2-Nitropropane	50.0		431	500	0	86.3	449.2	4.03	04/12/2011	
4-Chlorotoluene	5.0		43.3	50.0	0	86.6	45.14	4.14	04/12/2011	
4-Methyl-2-pentanone	50.0		118	125	0	94.4	124.8	5.59	04/12/2011	
Acetone	50.0		113	125	0	90.1	118.1	4.80	04/12/2011	
Acrylonitrile	10		47.6	50.0	0	95.1	50.49	5.98	04/12/2011	
Allyl chloride	5.0		38.4	50.0	0	76.7	40.20	4.71	04/12/2011	
Benzene	1.0		48.7	50.0	0	97.4	50.74	4.08	04/12/2011	
Bromobenzene	5.0		45.2	50.0	0	90.3	46.36	2.64	04/12/2011	
Bromochloromethane	5.0		45.3	50.0	0	90.6	46.46	2.51	04/12/2011	
Bromodichloromethane	5.0		48.1	50.0	0	96.2	49.60	3.11	04/12/2011	
Bromoform	5.0		47.2	50.0	0	94.4	50.47	6.72	04/12/2011	
Bromomethane	10		45.0	50.0	0	90.0	49.75	10.05	04/12/2011	
Carbon disulfide	5.0		37.7	50.0	0	75.4	39.40	4.41	04/12/2011	
Carbon tetrachloride	5.0		42.2	50.0	0	84.5	44.61	5.46	04/12/2011	
Chlorobenzene	5.0		45.7	50.0	0	91.5	49.67	8.24	04/12/2011	
Chloroethane	10		37.6	50.0	0	75.3	38.57	2.44	04/12/2011	
Chloroform	5.0		46.3	50.0	0	92.6	47.50	2.60	04/12/2011	
Chloromethane	10		16.8	50.0	0	33.7	18.56	9.66	04/12/2011	
cis-1,2-Dichloroethene	5.0		47.0	50.0	0	94.1	49.69	5.50	04/12/2011	
cis-1,3-Dichloropropene	4.0		47.0	50.0	0	94.0	50.39	6.96	04/12/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11040237

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

Report Date: 20-Apr-11

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

Batch 67282	SampType: LCSD	Units µg/Kg						RPD Limit 40		Date Analyzed
SampID: LCSD-F110412-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Cyclohexanone	100		210	250	0	83.9	225.9	7.47	04/12/2011	
Dibromochloromethane	5.0	S	43.9	50.0	0	87.8	46.72	6.20	04/12/2011	
Dibromomethane	5.0		48.8	50.0	0	97.7	50.27	2.91	04/12/2011	
Dichlorodifluoromethane	10	J	9.4	50.0	0	18.9	10.09	0.00	04/12/2011	
Ethyl acetate	50.0	J	45	50.0	0	89.9	47.20	0.00	04/12/2011	
Ethyl ether	5.0		42.2	50.0	0	84.4	45.19	6.87	04/12/2011	
Ethyl methacrylate	5.0		43.1	50.0	0	86.1	46.41	7.49	04/12/2011	
Ethylbenzene	5.0		46.2	50.0	0	92.3	48.33	4.59	04/12/2011	
Heptane	20.0		41.3	50.0	0	82.6	44.29	6.94	04/12/2011	
Hexachlorobutadiene	5.0		45.5	50.0	0	91.1	49.75	8.86	04/12/2011	
Hexachloroethane	5.0		41.3	50.0	0	82.6	43.32	4.75	04/12/2011	
Iodomethane	10		60.0	50.0	0	120.1	64.07	6.48	04/12/2011	
Isopropylbenzene	5.0		45.4	50.0	0	90.7	48.63	6.98	04/12/2011	
m,p-Xylenes	5.0		89.2	100	0	89.2	96.92	8.32	04/12/2011	
Methacrylonitrile	50.0	J	45	50.0	0	89.5	46.39	0.00	04/12/2011	
Methyl Methacrylate	5.0		48.0	50.0	0	96.0	51.35	6.76	04/12/2011	
Methyl tert-butyl ether	2.0		45.7	50.0	0	91.4	47.76	4.45	04/12/2011	
Methylacrylate	10		48.2	50.0	0	96.4	50.74	5.11	04/12/2011	
Methylene chloride	5.0		48.2	50.0	0	96.4	50.09	3.83	04/12/2011	
Naphthalene	10		42.7	50.0	0	85.4	47.15	9.88	04/12/2011	
n-Butylbenzene	5.0		45.3	50.0	0	90.6	48.63	7.09	04/12/2011	
n-Hexane	20.0		42.6	50.0	0	85.1	41.17	3.34	04/12/2011	
Nitrobenzene	100		524	500	0	104.8	580.6	10.24	04/12/2011	
n-Propylbenzene	5.0		43.3	50.0	0	86.6	45.12	4.14	04/12/2011	
o-Xylene	5.0		44.9	50.0	0	89.7	47.11	4.89	04/12/2011	
Pentachloroethane	5.0		47.4	50.0	0	94.8	49.16	3.62	04/12/2011	
p-Isopropyltoluene	5.0		42.8	50.0	0	85.6	44.33	3.54	04/12/2011	
Propionitrile	50.0		489	500	0	97.7	523.6	6.92	04/12/2011	
sec-Butylbenzene	5.0		44.1	50.0	0	88.2	46.07	4.37	04/12/2011	
Styrene	5.0		47.0	50.0	0	94.0	49.33	4.88	04/12/2011	
tert-Butylbenzene	5.0		40.8	50.0	0	81.7	42.61	4.24	04/12/2011	
Tetrachloroethene	5.0		44.0	50.0	0	87.9	47.15	7.00	04/12/2011	
Tetrahydrofuran	50.0	J	47	50.0	0	93.5	49.94	0.00	04/12/2011	
Toluene	5.0		39.8	50.0	0	79.6	43.24	8.24	04/12/2011	
trans-1,2-Dichloroethene	5.0		43.4	50.0	0	86.8	45.66	5.12	04/12/2011	
trans-1,3-Dichloropropene	4.0		41.3	50.0	0	82.6	44.97	8.51	04/12/2011	
Trichloroethene	5.0		49.8	50.0	0	99.5	51.31	3.05	04/12/2011	
Trichlorofluoromethane	5.0		33.8	50.0	0	67.7	36.11	6.49	04/12/2011	
Vinyl acetate	50.0	J	46	50.0	0	92.1	48.09	0.00	04/12/2011	
Vinyl chloride	2.0		18.4	50.0	0	36.8	21.05	13.38	04/12/2011	
Surr: 1,2-Dichloroethane-d4			44.2	50.0		88.3			04/12/2011	
Surr: 4-Bromofluorobenzene			52.0	50.0		103.9			04/12/2011	
Surr: Dibromofluoromethane			50.4	50.0		100.8			04/12/2011	
Surr: Toluene-d8			49.0	50.0		97.9			04/12/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11040237

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

Report Date: 20-Apr-11

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

Batch 67282	SampType: LCS	Units µg/Kg								
SampID: LCS-F110412-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,1,1,2-Tetrachloroethane	5.0		45.9	50.0	0	91.8	0	200	04/12/2011	
1,1,1-Trichloroethane	5.0		44.5	50.0	0	89.0	85.6	124	04/12/2011	
1,1,2,2-Tetrachloroethane	5.0		47.3	50.0	0	94.6	0	200	04/12/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0		43.4	50.0	0	86.8	0	200	04/12/2011	
1,1,2-Trichloroethane	5.0		48.2	50.0	0	96.4	0	200	04/12/2011	
1,1-Dichloro-2-propanone	50.0		113	125	0	90.2	0	200	04/12/2011	
1,1-Dichloroethane	5.0		47.8	50.0	0	95.5	0	200	04/12/2011	
1,1-Dichloroethene	5.0		42.7	50.0	0	85.3	60.1	131	04/12/2011	
1,1-Dichloropropene	5.0		47.0	50.0	0	94.1	0	200	04/12/2011	
1,2,3-Trichlorobenzene	5.0		50.7	50.0	0	101.4	0	200	04/12/2011	
1,2,3-Trichloropropane	10		42.3	50.0	0	84.7	0	200	04/12/2011	
1,2,3-Trimethylbenzene	5.0		45.7	50.0	0	91.5	0	200	04/12/2011	
1,2,4-Trichlorobenzene	5.0		52.5	50.0	0	105.0	0	200	04/12/2011	
1,2,4-Trimethylbenzene	5.0		44.9	50.0	0	89.7	0	200	04/12/2011	
1,2-Dibromo-3-chloropropane	5.0		47.8	50.0	0	95.6	0	200	04/12/2011	
1,2-Dibromoethane	5.0		50.1	50.0	0	100.2	86.9	119	04/12/2011	
1,2-Dichlorobenzene	5.0		47.5	50.0	0	94.9	88	119	04/12/2011	
1,2-Dichloroethane	5.0		44.2	50.0	0	88.4	73	117	04/12/2011	
1,2-Dichloropropane	5.0		51.3	50.0	0	102.6	0	200	04/12/2011	
1,3,5-Trimethylbenzene	5.0		44.3	50.0	0	88.7	0	200	04/12/2011	
1,3-Dichlorobenzene	5.0		47.9	50.0	0	95.8	85.8	125	04/12/2011	
1,3-Dichloropropane	5.0		48.4	50.0	0	96.7	0	200	04/12/2011	
1,4-Dichlorobenzene	5.0		48.1	50.0	0	96.2	84.5	124	04/12/2011	
1-Chlorobutane	5.0		42.4	50.0	0	84.7	0	200	04/12/2011	
2,2-Dichloropropane	5.0		44.7	50.0	0	89.4	0	200	04/12/2011	
2-Butanone	50.0		128	125	0	102.5	45.3	136	04/12/2011	
2-Chlorotoluene	5.0		43.5	50.0	0	87.0	0	200	04/12/2011	
2-Hexanone	50.0		117	125	0	93.9	0	200	04/12/2011	
2-Nitropropane	50.0		449	500	0	89.8	0	200	04/12/2011	
4-Chlorotoluene	5.0		45.1	50.0	0	90.3	0	200	04/12/2011	
4-Methyl-2-pentanone	50.0		125	125	0	99.8	0	200	04/12/2011	
Acetone	50.0		118	125	0	94.5	0	200	04/12/2011	
Acrylonitrile	10		50.5	50.0	0	101.0	0	200	04/12/2011	
Allyl chloride	5.0		40.2	50.0	0	80.4	0	200	04/12/2011	
Benzene	1.0		50.7	50.0	0	101.5	73.9	109	04/12/2011	
Bromobenzene	5.0		46.4	50.0	0	92.7	0	200	04/12/2011	
Bromochloromethane	5.0		46.5	50.0	0	92.9	0	200	04/12/2011	
Bromodichloromethane	5.0		49.6	50.0	0	99.2	91.3	126	04/12/2011	
Bromoform	5.0		50.5	50.0	0	100.9	0	200	04/12/2011	
Bromomethane	10		49.8	50.0	0	99.5	0	200	04/12/2011	
Carbon disulfide	5.0		39.4	50.0	0	78.8	0	200	04/12/2011	
Carbon tetrachloride	5.0		44.6	50.0	0	89.2	83.3	127	04/12/2011	
Chlorobenzene	5.0		49.7	50.0	0	99.3	85.8	116	04/12/2011	
Chloroethane	10		38.6	50.0	0	77.1	0	200	04/12/2011	
Chloroform	5.0		47.5	50.0	0	95.0	80	113	04/12/2011	
Chloromethane	10		18.6	50.0	0	37.1	0	200	04/12/2011	
cis-1,2-Dichloroethene	5.0		49.7	50.0	0	99.4	0	200	04/12/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040237

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

**Report Date:** 20-Apr-11

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

Batch 67282		SampType: LCS		Units µg/Kg							Date Analyzed
SampID: LCS-F110412-1											
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit			
cis-1,3-Dichloropropene	4.0		50.4	50.0	0	100.8	0	200	04/12/2011		
Cyclohexanone	100		226	250	0	90.4	0	200	04/12/2011		
Dibromochloromethane	5.0		46.7	50.0	0	93.4	89.1	119	04/12/2011		
Dibromomethane	5.0		50.3	50.0	0	100.5	0	200	04/12/2011		
Dichlorodifluoromethane	10		10.1	50.0	0	20.2	0	200	04/12/2011		
Ethyl acetate	50.0	J	47	50.0	0	94.4	0	200	04/12/2011		
Ethyl ether	5.0		45.2	50.0	0	90.4	0	200	04/12/2011		
Ethyl methacrylate	5.0		46.4	50.0	0	92.8	0	200	04/12/2011		
Ethylbenzene	5.0		48.3	50.0	0	96.7	84.1	115	04/12/2011		
Heptane	20.0		44.3	50.0	0	88.6	0	200	04/12/2011		
Hexachlorobutadiene	5.0		49.8	50.0	0	99.5	0	200	04/12/2011		
Hexachloroethane	5.0		43.3	50.0	0	86.6	0	200	04/12/2011		
Iodomethane	10		64.1	50.0	0	128.1	0	200	04/12/2011		
Isopropylbenzene	5.0		48.6	50.0	0	97.3	0	200	04/12/2011		
m,p-Xylenes	5.0		96.9	100	0	96.9	79.1	111	04/12/2011		
Methacrylonitrile	50.0	J	46	50.0	0	92.8	0	200	04/12/2011		
Methyl Methacrylate	5.0		51.4	50.0	0	102.7	0	200	04/12/2011		
Methyl tert-butyl ether	2.0		47.8	50.0	0	95.5	80	128	04/12/2011		
Methylacrylate	10		50.7	50.0	0	101.5	0	200	04/12/2011		
Methylene chloride	5.0		50.1	50.0	0	100.2	73.9	116	04/12/2011		
Naphthalene	10		47.2	50.0	0	94.3	73.1	135	04/12/2011		
n-Butylbenzene	5.0		48.6	50.0	0	97.3	0	200	04/12/2011		
n-Hexane	20.0		41.2	50.0	0	82.3	0	200	04/12/2011		
Nitrobenzene	100		581	500	0	116.1	0	200	04/12/2011		
n-Propylbenzene	5.0		45.1	50.0	0	90.2	0	200	04/12/2011		
o-Xylene	5.0		47.1	50.0	0	94.2	82	117	04/12/2011		
Pentachloroethane	5.0		49.2	50.0	0	98.3	0	200	04/12/2011		
p-Isopropyltoluene	5.0		44.3	50.0	0	88.7	0	200	04/12/2011		
Propionitrile	50.0		524	500	0	104.7	0	200	04/12/2011		
sec-Butylbenzene	5.0		46.1	50.0	0	92.1	0	200	04/12/2011		
Styrene	5.0		49.3	50.0	0	98.7	0	200	04/12/2011		
tert-Butylbenzene	5.0		42.6	50.0	0	85.2	0	200	04/12/2011		
Tetrachloroethene	5.0		47.2	50.0	0	94.3	74.6	115	04/12/2011		
Tetrahydrofuran	50.0	J	50	50.0	0	99.9	0	200	04/12/2011		
Toluene	5.0		43.2	50.0	0	86.5	79.1	112	04/12/2011		
trans-1,2-Dichloroethene	5.0		45.7	50.0	0	91.3	0	200	04/12/2011		
trans-1,3-Dichloropropene	4.0		45.0	50.0	0	89.9	0	200	04/12/2011		
Trichloroethene	5.0		51.3	50.0	0	102.6	81	111	04/12/2011		
Trichlorofluoromethane	5.0		36.1	50.0	0	72.2	0	200	04/12/2011		
Vinyl acetate	50.0	J	48	50.0	0	96.2	0	200	04/12/2011		
Vinyl chloride	2.0		21.0	50.0	0	42.1	0	200	04/12/2011		
Surr: 1,2-Dichloroethane-d4			44.6	50.0		89.1	72.2	131	04/12/2011		
Surr: 4-Bromofluorobenzene			53.0	50.0		105.9	82.1	116	04/12/2011		
Surr: Dibromofluoromethane			50.4	50.0		100.8	77.7	120	04/12/2011		
Surr: Toluene-d8			48.9	50.0		97.8	86	116	04/12/2011		

**SW-846 8151A, CHLORINATED HERBICIDES BY GC/ECD**

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040237

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

**Report Date:** 20-Apr-11

**SW-846 8151A, CHLORINATED HERBICIDES BY GC/ECD**

**Batch R148398**    **SampType: MBLK**    Units **mg/Kg**

SampID: MB-R148398

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
2,4,5-T	0.05		ND						04/15/2011
2,4,5-TP (Silvex)	0.05		ND						04/15/2011
2,4-D	0.05		ND						04/15/2011
2,4-DB	0.05		ND						04/15/2011
3,5-Dichlorobenzoic Acid	0.05		ND						04/15/2011
Acifluorfen	0.05		ND						04/15/2011
Bentazon	0.05		ND						04/15/2011
Chloramben	0.05		ND						04/15/2011
Dalapon	0.05		ND						04/15/2011
DCPA	0.05		ND						04/15/2011
Dicamba	0.05		ND						04/15/2011
Dichlorprop	0.05		ND						04/15/2011
Dinoseb	0.05		ND						04/15/2011
Pentachlorophenol	0.05		ND						04/15/2011
Picloram	0.05		ND						04/15/2011
Surr: DCAA			0.05	0.08		68.2	24	140	04/15/2011

**Batch R148398**    **SampType: LCSD**    Units **mg/Kg**

RPD Limit **30**

SampID: LCSD-R148398

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
2,4,5-T	0.05	J	0.02	0.02	0	85.0	0.01600	0.00	04/15/2011
2,4,5-TP (Silvex)	0.05	J	0.02	0.02	0	80.0	0.01600	0.00	04/15/2011
2,4-D	0.05	J	0.03	0.04	0	77.5	0.03000	0.00	04/15/2011
2,4-DB	0.05		0.14	0.16	0	86.2	0.1410	2.15	04/15/2011
3,5-Dichlorobenzoic Acid	0.05	J	0.02	0.02	0	85.0	0.01600	0.00	04/15/2011
Acifluorfen	0.05	J	0.02	0.02	0	75.0	0.01500	0.00	04/15/2011
Bentazon	0.05		0.05	0.04	0	132.5	0.05300	0.00	04/15/2011
Chloramben	0.05	J	0.01	0.02	0	40.0	0.008000	0.00	04/15/2011
Dalapon	0.05		0.15	0.26	0	56.2	0.1470	0.68	04/15/2011
DCPA	0.05	J	0.01	0.02	0	65.0	0.01300	0.00	04/15/2011
Dicamba	0.05	J	0.02	0.02	0	80.0	0.01600	0.00	04/15/2011
Dichlorprop	0.05	J	0.04	0.06	0	75.0	0.04600	0.00	04/15/2011
Dinoseb	0.05	J	0.01	0.04	0	30.0	0.01200	0.00	04/15/2011
Pentachlorophenol	0.05	J	0.02	0.02	0	90.0	0.01400	0.00	04/15/2011
Picloram	0.05	J	0.02	0.02	0	95.0	0.02100	0.00	04/15/2011
Surr: DCAA			0.06	0.08		74.6			04/15/2011

**Batch R148398**    **SampType: LCS**    Units **mg/Kg**

SampID: LCS-R148398

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
2,4,5-T	0.05	J	0.02	0.02	0	80.0	26	104	04/15/2011
2,4,5-TP (Silvex)	0.05	J	0.02	0.02	0	80.0	35	116	04/15/2011
2,4-D	0.05	J	0.03	0.04	0	75.0	23	127	04/15/2011
2,4-DB	0.05		0.14	0.16	0	88.1	42	122	04/15/2011
3,5-Dichlorobenzoic Acid	0.05	J	0.02	0.02	0	80.0	53	129	04/15/2011
Acifluorfen	0.05	J	0.02	0.02	0	75.0	24	113	04/15/2011



## Quality Control Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040237

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

**Report Date:** 20-Apr-11

**SW-846 8151A, CHLORINATED HERBICIDES BY GC/ECD**

**Batch** R148398      **SampType:** LCS      **Units** mg/Kg

**SampID:** LCS-R148398

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Bentazon	0.05		<b>0.05</b>	0.04	0	132.5	42	133	04/15/2011
Chloramben	0.05	J	<b>0.01</b>	0.02	0	40.0	10	94	04/15/2011
Dalapon	0.05		<b>0.15</b>	0.26	0	56.5	10	93	04/15/2011
DCPA	0.05	J	<b>0.01</b>	0.02	0	65.0	10	117	04/15/2011
Dicamba	0.05	J	<b>0.02</b>	0.02	0	80.0	38	123	04/15/2011
Dichlorprop	0.05	J	<b>0.05</b>	0.06	0	76.7	31	127	04/15/2011
Dinoseb	0.05	J	<b>0.01</b>	0.04	0	30.0	10	90	04/15/2011
Pentachlorophenol	0.05	J	<b>0.01</b>	0.02	0	70.0	10	93	04/15/2011
Picloram	0.05	J	<b>0.02</b>	0.02	0	105.0	19	157	04/15/2011
Surr: DCAA			<b>0.06</b>	0.08		72.4	24	140	04/15/2011





# Receiving Check List

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11040237

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

Report Date: 20-Apr-11

Carrier: Sean Spinner

Received By: JM

Completed by: *Marvin L. Darling II*  
On: 06-Apr-11  
Marvin L. Darling

Reviewed by: *Elizabeth A. Hurley*  
On: 07-Apr-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 6.0
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  
P.O. Box 230  
Columbia, IL 62236-0230

COC Serial No. **B 10000**

11040237

Project Name: Champaign MGP Project Mgr.: Pete Szazama  
Project Number: 024-0108-0120 Cost Code: 0002  
Sampler(s): J. Rudy/J. Bianton

Laboratory Name: Tek-Lab  
Location: Collinsville, IL

Sample Number and (depth)	Date	Time	Matrix					Total Number of Containers
			Soil	Water	Air	Wipes	Other *	
P8-H4-W(3)	4/6/11	0815	X				6	
P8-H4-W(8)		0825	X				6	
P8-H3-W(3)		0825	X				7	
P8-H3-W(8)		0840	X				6	
P8-H2-W(3)		0850	X				6	
P8-H2-W(8)		0855	X				6	
P8-H1-W(3)		0903	X				6	
P8-H1-W(8)		0915	X				6	

Analyses by Method Name and Number		Comments (Field PID)	Lab ID #'s
VOCs 8260	SVCS 8270		
X	X		11040237-001
X	X		-002
X	X		-003
X	X		-004
X	X		-005
X	X		-006
X	X		-007
X	X		-008

Laboratory Temperature upon Receipt  
6.0°C  
na.

Herbicides 8040  
Residuals (8081)  
PCBs (8081)  
Cyanide  
Total Ammonia  
RCRA Metals  
RCRA 8270 Sims  
SVCS 8270  
VOCs 8260

Reklab, Inc.  
Courier Pick Up

**Samples Iced:**  Yes  No

**Preservatives (ONLY for Water Samples)**

- 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:  Rush  5 Days  STD  Other \_\_\_\_\_

Fax and/or Mail Results to: P. Szazama, I.L. Hoosier

Send Invoice to: \_\_\_\_\_

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

Special Guidelines: \_\_\_\_\_

Reporting Limits: \_\_\_\_\_

\* Special: \_\_\_\_\_

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

**Relinquished by:** Signature [Signature] Date 4/6/11 Time 1000

**Received by:** Signature [Signature] Date 4/6/11 Time 10:00

Signature [Signature] Date 4/6/11 Time 1530

April 08, 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:** 11040289

Dear Pete Sazama:

TEKLAB, INC received 3 samples on 4/7/2011 12:25:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. 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/>

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**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040289

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

**Report Date:** 08-Apr-11

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**This reporting package includes the following:**

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Laboratory Results	5
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Chain of Custody	Appended

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040289

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

**Report Date:** 08-Apr-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).
- 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:** 11040289

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

**Report Date:** 08-Apr-11

**Cooler Receipt Temp:** 5.8 °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	6/30/2011	Collinsville
Louisiana	LDEQ	166578	NELAP	6/30/2011	Springfield
Arkansas	ADEQ	88-0966		3/14/2012	Collinsville
Illinois	IDPH	17584		5/31/2011	Collinsville
Kentucky	UST	0073		5/26/2012	Collinsville
Missouri	MDNR	00930		5/31/2011	Collinsville
Oklahoma	ODEQ	9978		8/31/2011	Collinsville

Client: PSC Industrial Outsourcing, LP

Work Order: 11040289

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

Report Date: 08-Apr-11

Lab ID: 11040289-001

Client Sample ID: P8-G12-F (20 ft)

Matrix: SOLID

Collection Date: 04/07/2011 8:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		10	%	1	04/07/2011 12:50	R147832
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		90.0	%	1	04/07/2011 12:50	R147802
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.555		Interference	mg/Kg-dry	1	04/08/2011 8:43	R147856
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.56		< 0.56	mg/Kg-dry	1	04/08/2011 8:43	R147856
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.31		6.12	mg/Kg-dry	1	04/08/2011 11:00	67145
Barium	NELAP	0.46		17.7	mg/Kg-dry	1	04/08/2011 11:00	67145
Cadmium	NELAP	0.19		0.48	mg/Kg-dry	1	04/08/2011 11:00	67145
Chromium	NELAP	0.93		16.3	mg/Kg-dry	1	04/08/2011 11:00	67145
Lead	NELAP	3.70		9.35	mg/Kg-dry	1	04/08/2011 11:00	67145
Silver	NELAP	0.51		< 0.51	mg/Kg-dry	1	04/08/2011 11:00	67145
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.556	S	< 0.556	mg/Kg-dry	1	04/08/2011 9:52	67144
<i>Se- Matrix interference present in sample.</i>								
<b>SW-846 7471A</b>								
Mercury	NELAP	0.011	J	0.007	mg/Kg-dry	1	04/08/2011 10:00	67158
<b>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</b>								
Diesel	NELAP	5.49		5.70	mg/Kg-dry	1	04/08/2011 12:58	67152
Kerosene	NELAP	5.49		ND	mg/Kg-dry	1	04/08/2011 12:58	67152
Mineral Spirits	NELAP	5.49		ND	mg/Kg-dry	1	04/08/2011 12:58	67152
Motor Oil	NELAP	5.49		ND	mg/Kg-dry	1	04/08/2011 12:58	67152
Surr: n-Tetracontane		50.6-140		67.7	%REC	1	04/08/2011 12:58	67152
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		0.022	mg/Kg-dry	1	04/08/2011 10:03	67150
Acenaphthylene	NELAP	0.004		0.004	mg/Kg-dry	1	04/08/2011 10:03	67150
Anthracene	NELAP	0.004		0.012	mg/Kg-dry	1	04/08/2011 10:03	67150
Benzo(a)anthracene	NELAP	0.004		0.009	mg/Kg-dry	1	04/08/2011 10:03	67150
Benzo(a)pyrene	NELAP	0.004		0.006	mg/Kg-dry	1	04/08/2011 10:03	67150
Benzo(b)fluoranthene	NELAP	0.004		0.006	mg/Kg-dry	1	04/08/2011 10:03	67150
Benzo(g,h,i)perylene	NELAP	0.004		0.005	mg/Kg-dry	1	04/08/2011 10:03	67150
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	04/08/2011 10:03	67150
Bis(2-ethylhexyl)phthalate	NELAP	0.073		ND	mg/Kg-dry	1	04/08/2011 10:03	67150
Chrysene	NELAP	0.004		0.009	mg/Kg-dry	1	04/08/2011 10:03	67150
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	04/08/2011 10:03	67150
Fluoranthene	NELAP	0.004		0.016	mg/Kg-dry	1	04/08/2011 10:03	67150
Fluorene	NELAP	0.004		0.014	mg/Kg-dry	1	04/08/2011 10:03	67150
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	04/08/2011 10:03	67150
Naphthalene	NELAP	0.004		0.342	mg/Kg-dry	1	04/08/2011 10:03	67150
Phenanthrene	NELAP	0.004		0.051	mg/Kg-dry	1	04/08/2011 10:03	67150
Pyrene	NELAP	0.004		0.022	mg/Kg-dry	1	04/08/2011 10:03	67150
Surr: 2-Fluorobiphenyl		10-131		61.0	%REC	1	04/08/2011 10:03	67150
Surr: Nitrobenzene-d5		10-132		64.4	%REC	1	04/08/2011 10:03	67150
Surr: p-Terphenyl-d14		30.6-131		66.9	%REC	1	04/08/2011 10:03	67150

Client: PSC Industrial Outsourcing, LP

Work Order: 11040289

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

Report Date: 08-Apr-11

Lab ID: 11040289-001

Client Sample ID: P8-G12-F (20 ft)

Matrix: SOLID

Collection Date: 04/07/2011 8:25

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	0.546		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
1,2-Dichlorobenzene	NELAP	0.546		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
1,3-Dichlorobenzene	NELAP	0.546		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
1,4-Dichlorobenzene	NELAP	0.546		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
2,4,5-Trichlorophenol	NELAP	0.382		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
2,4,6-Trichlorophenol	NELAP	0.382		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
2,4-Dichlorophenol	NELAP	0.546		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
2,4-Dimethylphenol	NELAP	0.546		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
2,4-Dinitrophenol	NELAP	1.09		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
2,4-Dinitrotoluene	NELAP	0.382		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
2,6-Dinitrotoluene	NELAP	0.382		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
2-Chloronaphthalene	NELAP	0.382		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
2-Chlorophenol	NELAP	0.546		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
2-Methoxy-4-methylphenol		0.710		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
2-Methylnaphthalene	NELAP	0.382	J	0.15	mg/Kg-dry	1	04/08/2011 9:46	67151
2-Nitroaniline	NELAP	1.09		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
2-Nitrophenol	NELAP	0.382		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
3,3'-Dichlorobenzidine	NELAP	0.382		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
3-Nitroaniline	NELAP	1.09		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
4,6-Dinitro-2-methylphenol	NELAP	1.09		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
4-Bromophenyl phenyl ether	NELAP	0.382		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
4-Chloro-3-methylphenol	NELAP	0.546		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
4-Chloroaniline	NELAP	0.546		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
4-Chlorophenyl phenyl ether	NELAP	0.382		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
4-Nitroaniline	NELAP	0.546		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
4-Nitrophenol	NELAP	0.382		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
Aniline	NELAP	0.546		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
Azobenzene		0.382		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
Benzidine	NELAP	1.15		see note	mg/Kg-dry	1	04/08/2011 9:46	67151
Benzoic acid	NELAP	1.64		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
Benzyl alcohol	NELAP	0.546		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
Bis(2-chloroethoxy)methane	NELAP	0.382		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
Bis(2-chloroethyl)ether	NELAP	0.546		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
Bis(2-chloroisopropyl)ether	NELAP	0.382		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
Butyl benzyl phthalate	NELAP	0.382		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
Carbazole		0.546		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
Dibenzofuran	NELAP	0.382		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
Diethyl phthalate	NELAP	0.546		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
Dimethyl phthalate	NELAP	0.382		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
Di-n-butyl phthalate	NELAP	0.382		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
Di-n-octyl phthalate	NELAP	0.382		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
Hexachlorobenzene	NELAP	0.382		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
Hexachlorobutadiene	NELAP	0.546		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
Hexachlorocyclopentadiene	NELAP	0.382		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
Hexachloroethane	NELAP	0.546		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
Isophorone	NELAP	0.382		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
m,p-Cresol	NELAP	0.546		ND	mg/Kg-dry	1	04/08/2011 9:46	67151



Client: PSC Industrial Outsourcing, LP

Work Order: 11040289

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

Report Date: 08-Apr-11

Lab ID: 11040289-001

Client Sample ID: P8-G12-F (20 ft)

Matrix: SOLID

Collection Date: 04/07/2011 8:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Nitrobenzene	NELAP	0.546		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
N-Nitrosodimethylamine	NELAP	0.546		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
N-Nitroso-di-n-propylamine	NELAP	0.546		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
N-Nitrosodiphenylamine	NELAP	0.546		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
o-Cresol	NELAP	0.546		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
Pentachlorophenol	NELAP	2.19		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
Phenol	NELAP	0.382		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
Pyridine	NELAP	0.546		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
1,2-Diphenylhydrazine		0.918		ND	mg/Kg-dry	1	04/08/2011 9:46	67151
Surr: 2,4,6-Tribromophenol		32.7-130		79.9	%REC	1	04/08/2011 9:46	67151
Surr: 2-Fluorobiphenyl		34.1-116		88.3	%REC	1	04/08/2011 9:46	67151
Surr: 2-Fluorophenol		30.5-99		75.4	%REC	1	04/08/2011 9:46	67151
Surr: Nitrobenzene-d5		34.1-101		74.5	%REC	1	04/08/2011 9:46	67151
Surr: Phenol-d5		34.9-110		74.6	%REC	1	04/08/2011 9:46	67151
Surr: p-Terphenyl-d14		41.7-124		86.0	%REC	1	04/08/2011 9:46	67151

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	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
1,1,1-Trichloroethane	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
1,1,2,2-Tetrachloroethane	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
1,1,2-Trichloro-1,2,2-trifluoroethane		118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
1,1,2-Trichloroethane	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
1,1-Dichloro-2-propanone		1180		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
1,1-Dichloroethane	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
1,1-Dichloroethene	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
1,1-Dichloropropene	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
1,2,3-Trichlorobenzene	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
1,2,3-Trichloropropane	NELAP	236		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
1,2,3-Trimethylbenzene		118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
1,2,4-Trichlorobenzene	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
1,2,4-Trimethylbenzene	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
1,2-Dibromo-3-chloropropane	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
1,2-Dibromoethane	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
1,2-Dichlorobenzene	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
1,2-Dichloroethane	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
1,2-Dichloropropane	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
1,3,5-Trimethylbenzene	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
1,3-Dichlorobenzene	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
1,3-Dichloropropane	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
1,4-Dichlorobenzene	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
1-Chlorobutane	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
2,2-Dichloropropane	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
2-Butanone	NELAP	1180	J	500	µg/Kg-dry	12.5	04/08/2011 12:57	67179
2-Chlorotoluene	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
2-Hexanone	NELAP	1180		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
2-Nitropropane	NELAP	1180		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
4-Chlorotoluene	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179

Client: PSC Industrial Outsourcing, LP

Work Order: 11040289

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

Report Date: 08-Apr-11

Lab ID: 11040289-001

Client Sample ID: P8-G12-F (20 ft)

Matrix: SOLID

Collection Date: 04/07/2011 8:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
4-Methyl-2-pentanone	NELAP	1180		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Acetone	NELAP	1180		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Acetonitrile	NELAP	2360		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Acrolein	NELAP	2360		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Acrylonitrile	NELAP	236		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Allyl chloride	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Benzene	NELAP	23.6		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Bromobenzene	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Bromochloromethane	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Bromodichloromethane	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Bromoform	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Bromomethane	NELAP	236		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Carbon disulfide	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Carbon tetrachloride	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Chlorobenzene	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Chloroethane	NELAP	236		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Chloroform	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Chloromethane	NELAP	236		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
cis-1,2-Dichloroethene	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
cis-1,3-Dichloropropene	NELAP	94.3		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Cyclohexanone		2360		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Dibromochloromethane	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Dibromomethane	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Dichlorodifluoromethane	NELAP	236		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Ethyl acetate	NELAP	1180		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Ethyl ether	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Ethyl methacrylate	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Ethylbenzene	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Gasoline Range Organics (OA-1)		23600		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Heptane		471		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Hexachlorobutadiene	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Hexachloroethane	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Iodomethane	NELAP	236		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Isopropylbenzene	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
m,p-Xylenes	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Methacrylonitrile	NELAP	1180		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Methyl Methacrylate	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Methyl tert-butyl ether	NELAP	47.1		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Methylacrylate		236		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Methylene chloride	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Naphthalene	NELAP	236		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
n-Butylbenzene	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
n-Hexane		471		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Nitrobenzene	NELAP	2360		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
n-Propylbenzene	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
o-Xylene	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Pentachloroethane	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179

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Report Date: 08-Apr-11

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Matrix: SOLID

Collection Date: 04/07/2011 8:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
p-Isopropyltoluene	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Propionitrile	NELAP	1180		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
sec-Butylbenzene	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Styrene	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
tert-Butylbenzene	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Tetrachloroethene	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Tetrahydrofuran	NELAP	1180		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Toluene	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
trans-1,2-Dichloroethene	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
trans-1,3-Dichloropropene	NELAP	94.3		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
trans-1,4-Dichloro-2-butene	NELAP	236		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Trichloroethene	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Trichlorofluoromethane	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Vinyl acetate	NELAP	1180		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Vinyl chloride	NELAP	47.1		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Xylenes, Total	NELAP	118		ND	µg/Kg-dry	12.5	04/08/2011 12:57	67179
Surr: 1,2-Dichloroethane-d4		72.2-131		108.3	%REC	12.5	04/08/2011 12:57	67179
Surr: 4-Bromofluorobenzene		82.1-116		104.1	%REC	12.5	04/08/2011 12:57	67179
Surr: Dibromofluoromethane		77.7-120		100.8	%REC	12.5	04/08/2011 12:57	67179
Surr: Toluene-d8		86-116		94.4	%REC	12.5	04/08/2011 12:57	67179

Marginal Exceedance for Trichloroethene, LCS is verified per NELAC Appendix D 1.1.2  
Elevated reporting limit due to matrix interference.

Client: PSC Industrial Outsourcing, LP

Work Order: 11040289

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

Report Date: 08-Apr-11

Lab ID: 11040289-002

Client Sample ID: P8-G12-F (22 ft)

Matrix: SOLID

Collection Date: 04/07/2011 8:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		11.2	%	1	04/07/2011 12:50	R147832
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		88.8	%	1	04/07/2011 12:50	R147802
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.608		< 0.608	mg/Kg-dry	1	04/08/2011 8:43	R147856
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.61		< 0.61	mg/Kg-dry	1	04/08/2011 8:43	R147856
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.45		6.64	mg/Kg-dry	1	04/08/2011 11:17	67145
Barium	NELAP	0.49		19.4	mg/Kg-dry	1	04/08/2011 11:17	67145
Cadmium	NELAP	0.20	J	0.13	mg/Kg-dry	1	04/08/2011 11:17	67145
Chromium	NELAP	0.98		16.3	mg/Kg-dry	1	04/08/2011 11:17	67145
Lead	NELAP	3.92		9.44	mg/Kg-dry	1	04/08/2011 11:17	67145
Silver	NELAP	0.54		< 0.54	mg/Kg-dry	1	04/08/2011 11:17	67145
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.577		< 0.577	mg/Kg-dry	1	04/08/2011 10:09	67144
<b>SW-846 7471A</b>								
Mercury	NELAP	0.011	J	0.008	mg/Kg-dry	1	04/08/2011 10:00	67158
<b>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</b>								
Diesel	NELAP	5.54		ND	mg/Kg-dry	1	04/08/2011 13:16	67152
Kerosene	NELAP	5.54		ND	mg/Kg-dry	1	04/08/2011 13:16	67152
Mineral Spirits	NELAP	5.54		ND	mg/Kg-dry	1	04/08/2011 13:16	67152
Motor Oil	NELAP	5.54		ND	mg/Kg-dry	1	04/08/2011 13:16	67152
Surr: n-Tetracontane		50.6-140		63.2	%REC	1	04/08/2011 13:16	67152
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	04/08/2011 10:40	67150
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	04/08/2011 10:40	67150
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	04/08/2011 10:40	67150
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	04/08/2011 10:40	67150
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	04/08/2011 10:40	67150
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	04/08/2011 10:40	67150
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	04/08/2011 10:40	67150
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	04/08/2011 10:40	67150
Bis(2-ethylhexyl)phthalate	NELAP	0.074		ND	mg/Kg-dry	1	04/08/2011 10:40	67150
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	04/08/2011 10:40	67150
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	04/08/2011 10:40	67150
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	04/08/2011 10:40	67150
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	04/08/2011 10:40	67150
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	04/08/2011 10:40	67150
Naphthalene	NELAP	0.004		0.006	mg/Kg-dry	1	04/08/2011 10:40	67150
Phenanthrene	NELAP	0.004		ND	mg/Kg-dry	1	04/08/2011 10:40	67150
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	04/08/2011 10:40	67150
Surr: 2-Fluorobiphenyl		10-131		55.9	%REC	1	04/08/2011 10:40	67150
Surr: Nitrobenzene-d5		10-132		59.7	%REC	1	04/08/2011 10:40	67150
Surr: p-Terphenyl-d14		30.6-131		61.5	%REC	1	04/08/2011 10:40	67150

Client: PSC Industrial Outsourcing, LP

Work Order: 11040289

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

Report Date: 08-Apr-11

Lab ID: 11040289-002

Client Sample ID: P8-G12-F (22 ft)

Matrix: SOLID

Collection Date: 04/07/2011 8:35

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	0.556		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
1,2-Dichlorobenzene	NELAP	0.556		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
1,3-Dichlorobenzene	NELAP	0.556		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
1,4-Dichlorobenzene	NELAP	0.556		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
2,4,5-Trichlorophenol	NELAP	0.389		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
2,4,6-Trichlorophenol	NELAP	0.389		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
2,4-Dichlorophenol	NELAP	0.556		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
2,4-Dimethylphenol	NELAP	0.556		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
2,4-Dinitrophenol	NELAP	1.11		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
2,4-Dinitrotoluene	NELAP	0.389		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
2,6-Dinitrotoluene	NELAP	0.389		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
2-Chloronaphthalene	NELAP	0.389		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
2-Chlorophenol	NELAP	0.556		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
2-Methoxy-4-methylphenol		0.722		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
2-Methylnaphthalene	NELAP	0.389		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
2-Nitroaniline	NELAP	1.11		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
2-Nitrophenol	NELAP	0.389		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
3,3'-Dichlorobenzidine	NELAP	0.389		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
3-Nitroaniline	NELAP	1.11		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
4,6-Dinitro-2-methylphenol	NELAP	1.11		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
4-Bromophenyl phenyl ether	NELAP	0.389		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
4-Chloro-3-methylphenol	NELAP	0.556		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
4-Chloroaniline	NELAP	0.556		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
4-Chlorophenyl phenyl ether	NELAP	0.389		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
4-Nitroaniline	NELAP	0.556		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
4-Nitrophenol	NELAP	0.389		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
Aniline	NELAP	0.556		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
Azobenzene		0.389		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
Benzidine	NELAP	1.17		see note	mg/Kg-dry	1	04/08/2011 11:25	67151
Benzoic acid	NELAP	1.67		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
Benzyl alcohol	NELAP	0.556		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
Bis(2-chloroethoxy)methane	NELAP	0.389		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
Bis(2-chloroethyl)ether	NELAP	0.556		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
Bis(2-chloroisopropyl)ether	NELAP	0.389		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
Butyl benzyl phthalate	NELAP	0.389		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
Carbazole		0.556		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
Dibenzofuran	NELAP	0.389		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
Diethyl phthalate	NELAP	0.556		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
Dimethyl phthalate	NELAP	0.389		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
Di-n-butyl phthalate	NELAP	0.389		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
Di-n-octyl phthalate	NELAP	0.389		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
Hexachlorobenzene	NELAP	0.389		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
Hexachlorobutadiene	NELAP	0.556		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
Hexachlorocyclopentadiene	NELAP	0.389		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
Hexachloroethane	NELAP	0.556		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
Isophorone	NELAP	0.389		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
m,p-Cresol	NELAP	0.556		ND	mg/Kg-dry	1	04/08/2011 11:25	67151

Client: PSC Industrial Outsourcing, LP

Work Order: 11040289

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

Report Date: 08-Apr-11

Lab ID: 11040289-002

Client Sample ID: P8-G12-F (22 ft)

Matrix: SOLID

Collection Date: 04/07/2011 8:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Nitrobenzene	NELAP	0.556		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
N-Nitrosodimethylamine	NELAP	0.556		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
N-Nitroso-di-n-propylamine	NELAP	0.556		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
N-Nitrosodiphenylamine	NELAP	0.556		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
o-Cresol	NELAP	0.556		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
Pentachlorophenol	NELAP	2.22		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
Phenol	NELAP	0.389		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
Pyridine	NELAP	0.556		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
1,2-Diphenylhydrazine		0.933		ND	mg/Kg-dry	1	04/08/2011 11:25	67151
Surr: 2,4,6-Tribromophenol		32.7-130		85.5	%REC	1	04/08/2011 11:25	67151
Surr: 2-Fluorobiphenyl		34.1-116		85.0	%REC	1	04/08/2011 11:25	67151
Surr: 2-Fluorophenol		30.5-99		76.3	%REC	1	04/08/2011 11:25	67151
Surr: Nitrobenzene-d5		34.1-101		71.2	%REC	1	04/08/2011 11:25	67151
Surr: Phenol-d5		34.9-110		74.8	%REC	1	04/08/2011 11:25	67151
Surr: p-Terphenyl-d14		41.7-124		88.5	%REC	1	04/08/2011 11:25	67151

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

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

1,1,1,2-Tetrachloroethane	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
1,1,1-Trichloroethane	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
1,1,2,2-Tetrachloroethane	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
1,1,2-Trichloro-1,2,2-trifluoroethane		4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
1,1,2-Trichloroethane	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
1,1-Dichloro-2-propanone		42.8		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
1,1-Dichloroethane	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
1,1-Dichloroethene	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
1,1-Dichloropropene	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
1,2,3-Trichlorobenzene	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
1,2,3-Trichloropropane	NELAP	8.56		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
1,2,3-Trimethylbenzene		4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
1,2,4-Trichlorobenzene	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
1,2,4-Trimethylbenzene	NELAP	4.28	J	1.1	µg/Kg-dry	1	04/08/2011 12:01	67179
1,2-Dibromo-3-chloropropane	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
1,2-Dibromoethane	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
1,2-Dichlorobenzene	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
1,2-Dichloroethane	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
1,2-Dichloropropane	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
1,3,5-Trimethylbenzene	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
1,3-Dichlorobenzene	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
1,3-Dichloropropane	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
1,4-Dichlorobenzene	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
1-Chlorobutane	NELAP	4.28	J	1.4	µg/Kg-dry	1	04/08/2011 12:01	67179
2,2-Dichloropropane	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
2-Butanone	NELAP	42.8	J	24	µg/Kg-dry	1	04/08/2011 12:01	67179
2-Chlorotoluene	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
2-Hexanone	NELAP	42.8		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
2-Nitropropane	NELAP	42.8		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
4-Chlorotoluene	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179

Client: PSC Industrial Outsourcing, LP

Work Order: 11040289

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

Report Date: 08-Apr-11

Lab ID: 11040289-002

Client Sample ID: P8-G12-F (22 ft)

Matrix: SOLID

Collection Date: 04/07/2011 8:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
4-Methyl-2-pentanone	NELAP	42.8		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
Acetone	NELAP	42.8		76.1	µg/Kg-dry	1	04/08/2011 12:01	67179
Acetonitrile	NELAP	85.6		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
Acrolein	NELAP	85.6		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
Acrylonitrile	NELAP	8.56		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
Allyl chloride	NELAP	4.28	J	1.4	µg/Kg-dry	1	04/08/2011 12:01	67179
Benzene	NELAP	0.856		8.03	µg/Kg-dry	1	04/08/2011 12:01	67179
Bromobenzene	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
Bromochloromethane	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
Bromodichloromethane	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
Bromoform	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
Bromomethane	NELAP	8.56		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
Carbon disulfide	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
Carbon tetrachloride	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
Chlorobenzene	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
Chloroethane	NELAP	8.56		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
Chloroform	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
Chloromethane	NELAP	8.56		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
cis-1,2-Dichloroethene	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
cis-1,3-Dichloropropene	NELAP	3.42		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
Cyclohexanone		85.6		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
Dibromochloromethane	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
Dibromomethane	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
Dichlorodifluoromethane	NELAP	8.56		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
Ethyl acetate	NELAP	42.8		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
Ethyl ether	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
Ethyl methacrylate	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
Ethylbenzene	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
Gasoline Range Organics (OA-1)		856		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
Heptane		17.1	J	2.5	µg/Kg-dry	1	04/08/2011 12:01	67179
Hexachlorobutadiene	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
Hexachloroethane	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
Iodomethane	NELAP	8.56		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
Isopropylbenzene	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
m,p-Xylenes	NELAP	4.28	J	1.2	µg/Kg-dry	1	04/08/2011 12:01	67179
Methacrylonitrile	NELAP	42.8		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
Methyl Methacrylate	NELAP	4.28	J	1.3	µg/Kg-dry	1	04/08/2011 12:01	67179
Methyl tert-butyl ether	NELAP	1.71		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
Methylacrylate		8.56		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
Methylene chloride	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
Naphthalene	NELAP	8.56		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
n-Butylbenzene	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
n-Hexane		17.1	J	3.0	µg/Kg-dry	1	04/08/2011 12:01	67179
Nitrobenzene	NELAP	85.6		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
n-Propylbenzene	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
o-Xylene	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
Pentachloroethane	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179

Client: PSC Industrial Outsourcing, LP

Work Order: 11040289

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

Report Date: 08-Apr-11

Lab ID: 11040289-002

Client Sample ID: P8-G12-F (22 ft)

Matrix: SOLID

Collection Date: 04/07/2011 8:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
p-Isopropyltoluene	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
Propionitrile	NELAP	42.8		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
sec-Butylbenzene	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
Styrene	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
tert-Butylbenzene	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
Tetrachloroethene	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
Tetrahydrofuran	NELAP	42.8		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
Toluene	NELAP	4.28	J	1.3	µg/Kg-dry	1	04/08/2011 12:01	67179
trans-1,2-Dichloroethene	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
trans-1,3-Dichloropropene	NELAP	3.42		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
trans-1,4-Dichloro-2-butene	NELAP	8.56		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
Trichloroethene	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
Trichlorofluoromethane	NELAP	4.28		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
Vinyl acetate	NELAP	42.8		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
Vinyl chloride	NELAP	1.71		ND	µg/Kg-dry	1	04/08/2011 12:01	67179
Xylenes, Total	NELAP	4.28	J	1.2	µg/Kg-dry	1	04/08/2011 12:01	67179
Surr: 1,2-Dichloroethane-d4		72.2-131		119.8	%REC	1	04/08/2011 12:01	67179
Surr: 4-Bromofluorobenzene		82.1-116		98.3	%REC	1	04/08/2011 12:01	67179
Surr: Dibromofluoromethane		77.7-120		107.7	%REC	1	04/08/2011 12:01	67179
Surr: Toluene-d8		86-116		102.3	%REC	1	04/08/2011 12:01	67179

Marginal Exceedance for Trichloroethene, LCS is verified per NELAC Appendix D 1.1.2



Client: PSC Industrial Outsourcing, LP

Work Order: 11040289

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

Report Date: 08-Apr-11

Lab ID: 11040289-003

Client Sample ID: P8-G3-F (20 ft)

Matrix: SOLID

Collection Date: 04/07/2011 8:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		11.8	%	1	04/07/2011 12:50	R147832
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		88.2	%	1	04/07/2011 12:50	R147802
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.590		Interference	mg/Kg-dry	1	04/08/2011 8:43	R147856
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.59	J	0.48	mg/Kg-dry	1	04/08/2011 8:43	R147856
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.31		6.42	mg/Kg-dry	1	04/08/2011 11:23	67145
Barium	NELAP	0.46		19.7	mg/Kg-dry	1	04/08/2011 11:23	67145
Cadmium	NELAP	0.19	J	0.12	mg/Kg-dry	1	04/08/2011 11:23	67145
Chromium	NELAP	0.93		18.6	mg/Kg-dry	1	04/08/2011 11:23	67145
Lead	NELAP	3.70		17.1	mg/Kg-dry	1	04/08/2011 11:23	67145
Silver	NELAP	0.51		< 0.51	mg/Kg-dry	1	04/08/2011 11:23	67145
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.577		< 0.577	mg/Kg-dry	1	04/08/2011 13:20	67144
<b>SW-846 7471A</b>								
Mercury	NELAP	0.011	J	0.010	mg/Kg-dry	1	04/08/2011 10:00	67158
<b>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</b>								
Diesel	NELAP	5.56		6.81	mg/Kg-dry	1	04/08/2011 13:33	67152
Kerosene	NELAP	5.56		ND	mg/Kg-dry	1	04/08/2011 13:33	67152
Mineral Spirits	NELAP	5.56		ND	mg/Kg-dry	1	04/08/2011 13:33	67152
Motor Oil	NELAP	5.56		ND	mg/Kg-dry	1	04/08/2011 13:33	67152
Surr: n-Tetracontane		50.6-140		66.1	%REC	1	04/08/2011 13:33	67152
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	04/08/2011 12:29	67150
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	04/08/2011 12:29	67150
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	04/08/2011 12:29	67150
Benzo(a)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	04/08/2011 12:29	67150
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	04/08/2011 12:29	67150
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	04/08/2011 12:29	67150
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	04/08/2011 12:29	67150
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	04/08/2011 12:29	67150
Bis(2-ethylhexyl)phthalate	NELAP	0.074		ND	mg/Kg-dry	1	04/08/2011 12:29	67150
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	04/08/2011 12:29	67150
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	04/08/2011 12:29	67150
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	04/08/2011 12:29	67150
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	04/08/2011 12:29	67150
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	04/08/2011 12:29	67150
Naphthalene	NELAP	0.004		0.008	mg/Kg-dry	1	04/08/2011 12:29	67150
Phenanthrene	NELAP	0.004		0.004	mg/Kg-dry	1	04/08/2011 12:29	67150
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	04/08/2011 12:29	67150
Surr: 2-Fluorobiphenyl		10-131		56.7	%REC	1	04/08/2011 12:29	67150
Surr: Nitrobenzene-d5		10-132		58.9	%REC	1	04/08/2011 12:29	67150
Surr: p-Terphenyl-d14		30.6-131		63.6	%REC	1	04/08/2011 12:29	67150

Client: PSC Industrial Outsourcing, LP

Work Order: 11040289

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

Report Date: 08-Apr-11

Lab ID: 11040289-003

Client Sample ID: P8-G3-F (20 ft)

Matrix: SOLID

Collection Date: 04/07/2011 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>								
1,2,4-Trichlorobenzene	NELAP	0.555		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
1,2-Dichlorobenzene	NELAP	0.555		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
1,3-Dichlorobenzene	NELAP	0.555		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
1,4-Dichlorobenzene	NELAP	0.555		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
2,4,5-Trichlorophenol	NELAP	0.388		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
2,4,6-Trichlorophenol	NELAP	0.388		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
2,4-Dichlorophenol	NELAP	0.555		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
2,4-Dimethylphenol	NELAP	0.555		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
2,4-Dinitrophenol	NELAP	1.11		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
2,4-Dinitrotoluene	NELAP	0.388		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
2,6-Dinitrotoluene	NELAP	0.388		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
2-Chloronaphthalene	NELAP	0.388		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
2-Chlorophenol	NELAP	0.555		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
2-Methoxy-4-methylphenol		0.721		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
2-Methylnaphthalene	NELAP	0.388		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
2-Nitroaniline	NELAP	1.11		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
2-Nitrophenol	NELAP	0.388		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
3,3'-Dichlorobenzidine	NELAP	0.388		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
3-Nitroaniline	NELAP	1.11		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
4,6-Dinitro-2-methylphenol	NELAP	1.11		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
4-Bromophenyl phenyl ether	NELAP	0.388		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
4-Chloro-3-methylphenol	NELAP	0.555		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
4-Chloroaniline	NELAP	0.555		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
4-Chlorophenyl phenyl ether	NELAP	0.388		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
4-Nitroaniline	NELAP	0.555		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
4-Nitrophenol	NELAP	0.388		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
Aniline	NELAP	0.555		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
Azobenzene		0.388		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
Benzidine	NELAP	1.17		see note	mg/Kg-dry	1	04/08/2011 11:58	67151
Benzoic acid	NELAP	1.66		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
Benzyl alcohol	NELAP	0.555		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
Bis(2-chloroethoxy)methane	NELAP	0.388		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
Bis(2-chloroethyl)ether	NELAP	0.555		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
Bis(2-chloroisopropyl)ether	NELAP	0.388		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
Butyl benzyl phthalate	NELAP	0.388		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
Carbazole		0.555		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
Dibenzofuran	NELAP	0.388		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
Diethyl phthalate	NELAP	0.555		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
Dimethyl phthalate	NELAP	0.388		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
Di-n-butyl phthalate	NELAP	0.388		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
Di-n-octyl phthalate	NELAP	0.388		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
Hexachlorobenzene	NELAP	0.388		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
Hexachlorobutadiene	NELAP	0.555		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
Hexachlorocyclopentadiene	NELAP	0.388		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
Hexachloroethane	NELAP	0.555		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
Isophorone	NELAP	0.388		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
m,p-Cresol	NELAP	0.555		ND	mg/Kg-dry	1	04/08/2011 11:58	67151

Client: PSC Industrial Outsourcing, LP

Work Order: 11040289

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

Report Date: 08-Apr-11

Lab ID: 11040289-003

Client Sample ID: P8-G3-F (20 ft)

Matrix: SOLID

Collection Date: 04/07/2011 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>								
Nitrobenzene	NELAP	0.555		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
N-Nitrosodimethylamine	NELAP	0.555		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
N-Nitroso-di-n-propylamine	NELAP	0.555		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
N-Nitrosodiphenylamine	NELAP	0.555		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
o-Cresol	NELAP	0.555		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
Pentachlorophenol	NELAP	2.22		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
Phenol	NELAP	0.388		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
Pyridine	NELAP	0.555		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
1,2-Diphenylhydrazine		0.932		ND	mg/Kg-dry	1	04/08/2011 11:58	67151
Surr: 2,4,6-Tribromophenol		32.7-130		82.6	%REC	1	04/08/2011 11:58	67151
Surr: 2-Fluorobiphenyl		34.1-116		77.4	%REC	1	04/08/2011 11:58	67151
Surr: 2-Fluorophenol		30.5-99		66.9	%REC	1	04/08/2011 11:58	67151
Surr: Nitrobenzene-d5		34.1-101		64.3	%REC	1	04/08/2011 11:58	67151
Surr: Phenol-d5		34.9-110		69.8	%REC	1	04/08/2011 11:58	67151
Surr: p-Terphenyl-d14		41.7-124		88.8	%REC	1	04/08/2011 11:58	67151

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	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
1,1,1-Trichloroethane	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
1,1,2,2-Tetrachloroethane	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
1,1,2-Trichloro-1,2,2-trifluoroethane		101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
1,1,2-Trichloroethane	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
1,1-Dichloro-2-propanone		1010		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
1,1-Dichloroethane	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
1,1-Dichloroethene	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
1,1-Dichloropropene	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
1,2,3-Trichlorobenzene	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
1,2,3-Trichloropropane	NELAP	203		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
1,2,3-Trimethylbenzene		101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
1,2,4-Trichlorobenzene	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
1,2,4-Trimethylbenzene	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
1,2-Dibromo-3-chloropropane	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
1,2-Dibromoethane	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
1,2-Dichlorobenzene	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
1,2-Dichloroethane	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
1,2-Dichloropropane	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
1,3,5-Trimethylbenzene	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
1,3-Dichlorobenzene	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
1,3-Dichloropropane	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
1,4-Dichlorobenzene	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
1-Chlorobutane	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
2,2-Dichloropropane	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
2-Butanone	NELAP	1010		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
2-Chlorotoluene	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
2-Hexanone	NELAP	1010		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
2-Nitropropane	NELAP	1010		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
4-Chlorotoluene	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179

Client: PSC Industrial Outsourcing, LP

Work Order: 11040289

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

Report Date: 08-Apr-11

Lab ID: 11040289-003

Client Sample ID: P8-G3-F (20 ft)

Matrix: SOLID

Collection Date: 04/07/2011 8:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
4-Methyl-2-pentanone	NELAP	1010		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Acetone	NELAP	1010		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Acetonitrile	NELAP	2030		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Acrolein	NELAP	2030		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Acrylonitrile	NELAP	203		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Allyl chloride	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Benzene	NELAP	20.3		28.2	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Bromobenzene	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Bromochloromethane	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Bromodichloromethane	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Bromoform	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Bromomethane	NELAP	203		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Carbon disulfide	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Carbon tetrachloride	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Chlorobenzene	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Chloroethane	NELAP	203		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Chloroform	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Chloromethane	NELAP	203		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
cis-1,2-Dichloroethene	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
cis-1,3-Dichloropropene	NELAP	81.1		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Cyclohexanone		2030		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Dibromochloromethane	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Dibromomethane	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Dichlorodifluoromethane	NELAP	203		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Ethyl acetate	NELAP	1010		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Ethyl ether	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Ethyl methacrylate	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Ethylbenzene	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Gasoline Range Organics (OA-1)		20300		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Heptane		405		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Hexachlorobutadiene	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Hexachloroethane	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Iodomethane	NELAP	203		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Isopropylbenzene	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
m,p-Xylenes	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Methacrylonitrile	NELAP	1010		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Methyl Methacrylate	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Methyl tert-butyl ether	NELAP	40.5		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Methylacrylate		203		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Methylene chloride	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Naphthalene	NELAP	203		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
n-Butylbenzene	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
n-Hexane		405		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Nitrobenzene	NELAP	2030		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
n-Propylbenzene	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
o-Xylene	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Pentachloroethane	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179

Client: PSC Industrial Outsourcing, LP

Work Order: 11040289

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

Report Date: 08-Apr-11

Lab ID: 11040289-003

Client Sample ID: P8-G3-F (20 ft)

Matrix: SOLID

Collection Date: 04/07/2011 8:45

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
p-Isopropyltoluene	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Propionitrile	NELAP	1010		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
sec-Butylbenzene	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Styrene	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
tert-Butylbenzene	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Tetrachloroethene	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Tetrahydrofuran	NELAP	1010		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Toluene	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
trans-1,2-Dichloroethene	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
trans-1,3-Dichloropropene	NELAP	81.1		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
trans-1,4-Dichloro-2-butene	NELAP	203		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Trichloroethene	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Trichlorofluoromethane	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Vinyl acetate	NELAP	1010		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Vinyl chloride	NELAP	40.5		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Xylenes, Total	NELAP	101		ND	µg/Kg-dry	12.5	04/08/2011 13:26	67179
Surr: 1,2-Dichloroethane-d4		72.2-131		105.5	%REC	12.5	04/08/2011 13:26	67179
Surr: 4-Bromofluorobenzene		82.1-116		103.3	%REC	12.5	04/08/2011 13:26	67179
Surr: Dibromofluoromethane		77.7-120		99.4	%REC	12.5	04/08/2011 13:26	67179
Surr: Toluene-d8		86-116		95.7	%REC	12.5	04/08/2011 13:26	67179

Marginal Exceedance for Trichloroethene, LCS is verified per NELAC Appendix D 1.1.2  
Elevated reporting limit due to matrix interference.



## Sample Summary

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040289

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

**Report Date:** 08-Apr-11

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Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
11040289-001	P8-G12-F (20 ft)	Solid	6	04/07/2011 8:25
11040289-002	P8-G12-F (22 ft)	Solid	5	04/07/2011 8:35
11040289-003	P8-G3-F (20 ft)	Solid	6	04/07/2011 8:45

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## Dates Report

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040289

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

**Report Date:** 08-Apr-11

Sample ID	Client Sample ID	Collection Date	Received Date	
	Test Name		Prep Date/Time	Analysis Date/Time
11040289-001A	P8-G12-F (20 ft)	04/07/2011 8:25	4/7/2011 12:25:00 PM	
	SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID		04/07/2011 20:21	04/08/2011 12:58
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		04/07/2011 20:12	04/08/2011 10:03
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		04/07/2011 20:15	04/08/2011 9:46
11040289-001B	P8-G12-F (20 ft)	04/07/2011 8:25	4/7/2011 12:25:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		04/07/2011 16:02	04/08/2011 11:00
	SW-846 3050B, Metals by GFAA		04/07/2011 15:59	04/08/2011 9:52
	SW-846 7471A		04/08/2011 7:50	04/08/2011 10:00
11040289-001C	P8-G12-F (20 ft)	04/07/2011 8:25	4/7/2011 12:25:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			04/07/2011 12:50
	Standard Methods 18th Ed. 2540 G			04/07/2011 12:50
	SW-846 9012A			04/08/2011 8:43
	SW-846 9012A (Total)			04/08/2011 8:43
11040289-001F	P8-G12-F (20 ft)	04/07/2011 8:25	4/7/2011 12:25:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			04/08/2011 12:57
11040289-002A	P8-G12-F (22 ft)	04/07/2011 8:35	4/7/2011 12:25:00 PM	
	SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID		04/07/2011 20:21	04/08/2011 13:16
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		04/07/2011 20:12	04/08/2011 10:40
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		04/07/2011 20:15	04/08/2011 11:25
11040289-002B	P8-G12-F (22 ft)	04/07/2011 8:35	4/7/2011 12:25:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			04/07/2011 12:50
	Standard Methods 18th Ed. 2540 G			04/07/2011 12:50
	SW-846 3050B, 6010B, Metals by ICP		04/07/2011 16:02	04/08/2011 11:17
	SW-846 3050B, Metals by GFAA		04/07/2011 15:59	04/08/2011 10:09
	SW-846 7471A		04/08/2011 7:50	04/08/2011 10:00
	SW-846 9012A			04/08/2011 8:43
SW-846 9012A (Total)			04/08/2011 8:43	
11040289-002E	P8-G12-F (22 ft)	04/07/2011 8:35	4/7/2011 12:25:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			04/08/2011 12:01
11040289-003A	P8-G3-F (20 ft)	04/07/2011 8:45	4/7/2011 12:25:00 PM	
	SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID		04/07/2011 20:21	04/08/2011 13:33
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		04/07/2011 20:12	04/08/2011 12:29
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		04/07/2011 20:15	04/08/2011 11:58
11040289-003B	P8-G3-F (20 ft)	04/07/2011 8:45	4/7/2011 12:25:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		04/07/2011 16:02	04/08/2011 11:23
	SW-846 3050B, Metals by GFAA		04/07/2011 15:59	04/08/2011 13:20



## Dates Report

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040289

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

**Report Date:** 08-Apr-11

Sample ID	Client Sample ID	Collection Date	Received Date	
	Test Name		Prep Date/Time	Analysis Date/Time
	SW-846 7471A		04/08/2011 7:50	04/08/2011 10:00
11040289-003C	P8-G3-F (20 ft)	04/07/2011 8:45	4/7/2011 12:25:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			04/07/2011 12:50
	Standard Methods 18th Ed. 2540 G			04/07/2011 12:50
	SW-846 9012A			04/08/2011 8:43
	SW-846 9012A (Total)			04/08/2011 8:43
11040289-003F	P8-G3-F (20 ft)	04/07/2011 8:45	4/7/2011 12:25:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			04/08/2011 13:26





## Quality Control Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040289

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

**Report Date:** 08-Apr-11

### STANDARD METHODS 18TH ED. 2540 G

Batch R147802		SampType: LCS		Units %						Date Analyzed
SampID: LCS-R147802										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Solids	0.1		1.0	1.0	0	101.0	90	110	04/07/2011	

Batch R147802		SampType: LCSQC		Units %						Date Analyzed
SampID: LCSQC-R147802										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Solids	0.1		1.0	1.0	0	101.0	90	110	04/07/2011	

Batch R147802		SampType: DUP		Units %		RPD Limit 15				Date Analyzed
SampID: 11040289-001CDUP										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Solids	0.1		89.4				90.03	0.75	04/07/2011	

Batch R147802		SampType: DUP		Units %		RPD Limit 15				Date Analyzed
SampID: 11040289-002BDUP										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Solids	0.1		89.0				88.80	0.19	04/07/2011	

### SW-846 9012A (TOTAL)

Batch R147856		SampType: MBLK		Units mg/Kg						Date Analyzed
SampID: MB-R147856										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.01		< 0.01						04/08/2011	

Batch R147856		SampType: LCS		Units mg/Kg						Date Analyzed
SampID: LCS-R147856										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.01		0.02	0.02	0	99.0	85	115	04/08/2011	

Batch R147856		SampType: MS		Units mg/Kg-dry						Date Analyzed
SampID: 11040289-001CMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.56		1.54	1.39	0	110.7	75	125	04/08/2011	

Batch R147856		SampType: MSD		Units mg/Kg-dry		RPD Limit 15				Date Analyzed
SampID: 11040289-001CMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Cyanide	0.56		1.43	1.39	0	102.8	1.537	7.40	04/08/2011	

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040289

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

**Report Date:** 08-Apr-11

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

**Batch 67145**      **SampType: MBLK**      Units **mg/Kg-dry**

SampID: MB-67145

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	04/08/2011
Barium	0.50		< <b>0.50</b>	0.50	0	0	-100	100	04/08/2011
Cadmium	0.20		< <b>0.20</b>	0.20	0	0	-100	100	04/08/2011
Chromium	1.00		< <b>1.00</b>	1.00	0	0	-100	100	04/08/2011
Lead	4.00		< <b>4.00</b>	4.00	0	0	-100	100	04/08/2011
Silver	0.55		< <b>0.55</b>	0.55	0	0	-100	100	04/08/2011

**Batch 67145**      **SampType: LCS**      Units **mg/Kg-dry**

SampID: LCS-67145

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic	2.50		<b>205</b>	200	0	102.4	85	115	04/08/2011
Barium	0.50		<b>199</b>	200	0	99.3	85	115	04/08/2011
Cadmium	0.20		<b>5.10</b>	5.00	0	102.0	85	115	04/08/2011
Chromium	1.00		<b>20.9</b>	20.0	0	104.7	85	115	04/08/2011
Lead	4.00		<b>50.3</b>	50.0	0	100.5	85	115	04/08/2011
Silver	0.55		<b>5.26</b>	5.00	0	105.2	85	115	04/08/2011

**Batch 67145**      **SampType: MS**      Units **mg/Kg-dry**

SampID: 11040289-001BMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic	2.31		<b>180</b>	185	6.120	93.8	75	125	04/08/2011
Barium	0.46		<b>186</b>	185	17.74	90.8	75	125	04/08/2011
Cadmium	0.19		<b>4.19</b>	4.63	0.4815	80.0	75	125	04/08/2011
Chromium	0.93		<b>34.4</b>	18.5	16.28	98.1	75	125	04/08/2011
Lead	3.70		<b>49.0</b>	46.3	9.352	85.7	75	125	04/08/2011
Silver	0.51		<b>4.44</b>	4.63	0	96.0	75	125	04/08/2011

**Batch 67145**      **SampType: MSD**      Units **mg/Kg-dry**

SampID: 11040289-001BMSD

**RPD Limit 20**

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic	2.31		<b>186</b>	185	6.120	96.9	179.9	3.09	04/08/2011
Barium	0.46		<b>195</b>	185	17.74	95.8	185.9	4.86	04/08/2011
Cadmium	0.19		<b>4.29</b>	4.63	0.4815	82.2	4.185	2.40	04/08/2011
Chromium	0.93		<b>35.8</b>	18.5	16.28	105.6	34.44	3.98	04/08/2011
Lead	3.70		<b>51.1</b>	46.3	9.352	90.3	49.03	4.22	04/08/2011
Silver	0.51		<b>4.63</b>	4.63	0	100	4.444	4.08	04/08/2011

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

**Batch 67144**      **SampType: MBLK**      Units **mg/Kg-dry**

SampID: MB-67144

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Selenium	7740	0.600	< <b>0.600</b>	0.600	0	0	-100	100	04/08/2011

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040289

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

**Report Date:** 08-Apr-11

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

Batch 67144		SampType: LCS		Units mg/Kg-dry							Date Analyzed
SampID: LCS-67144											
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Selenium	7740	0.600		2.80	3.00	0	93.3	80	120	04/08/2011	

Batch 67144		SampType: MS		Units mg/Kg-dry							Date Analyzed
SampID: 11040289-001BMS											
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Selenium	7740	1.11	S	1.91	2.78	0	68.9	70	130	04/08/2011	

Batch 67144		SampType: MSD		Units mg/Kg-dry							RPD Limit 20	Date Analyzed
SampID: 11040289-001BMSD												
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Selenium	7740	1.11		2.11	2.78	0	76.0	1.914	9.79	04/08/2011		

**SW-846 7471A**

Batch 67158		SampType: MBLK		Units mg/Kg							Date Analyzed
SampID: MB-67158											
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury		0.010		< 0.010	0.010	0	0	-100	100	04/08/2011	

Batch 67158		SampType: LCS		Units mg/Kg							Date Analyzed
SampID: LCS-67158											
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury		0.010		0.277	0.250	0	110.8	85	115	04/08/2011	

Batch 67158		SampType: MS		Units mg/Kg-dry							Date Analyzed
SampID: 11040289-001BMS											
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury		0.011		0.330	0.278	0.006664	116.6	75	125	04/08/2011	

Batch 67158		SampType: MSD		Units mg/Kg-dry							RPD Limit 15	Date Analyzed
SampID: 11040289-001BMSD												
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Mercury		0.011		0.330	0.278	0.006664	116.6	0.3304	0.00	04/08/2011		

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

Batch 67152		SampType: MBLK		Units mg/Kg							Date Analyzed
SampID: MB-67152											
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Diesel		5.00		ND						04/08/2011	
Kerosene		5.00		ND						04/08/2011	
Mineral Spirits		5.00		ND						04/08/2011	
Motor Oil		5.00		ND						04/08/2011	
Surr: n-Tetracontane				0.55	0.67		82.8	54.8	128	04/08/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040289

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

**Report Date:** 08-Apr-11

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

Batch 67152		SampType: LCS		Units mg/Kg						
SampID: LCS-67152										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Diesel	5.00		15.9	16.7	0	95.1	40.4	121	04/08/2011	
Surr: n-Tetracontane			0.57	0.67		84.6	54.8	128	04/08/2011	

Batch 67152		SampType: MS		Units mg/Kg-dry						
SampID: 11040289-003AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Diesel	5.59		21.5	18.7	6.813	78.5	20.3	167	04/08/2011	
Surr: n-Tetracontane			0.50	0.75		66.3	53.9	153	04/08/2011	

Batch 67152		SampType: MSD		Units mg/Kg-dry				RPD Limit 34		Date Analyzed	
SampID: 11040289-003AMSD											
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Diesel	5.60		22.7	18.7	6.813	84.8	21.47	5.52	04/08/2011		
Surr: n-Tetracontane			0.56	0.75		74.1			04/08/2011		

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

Batch 67150		SampType: MBLK		Units mg/Kg						
SampID: MB-67150										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.003		ND						04/08/2011	
Acenaphthylene	0.003		ND						04/08/2011	
Anthracene	0.003		ND						04/08/2011	
Benzo(a)anthracene	0.003		ND						04/08/2011	
Benzo(a)pyrene	0.003		ND						04/08/2011	
Benzo(b)fluoranthene	0.003		ND						04/08/2011	
Benzo(g,h,i)perylene	0.003		ND						04/08/2011	
Benzo(k)fluoranthene	0.003		ND						04/08/2011	
Chrysene	0.003		ND						04/08/2011	
Dibenzo(a,h)anthracene	0.003		ND						04/08/2011	
Fluoranthene	0.003		ND						04/08/2011	
Fluorene	0.003		ND						04/08/2011	
Indeno(1,2,3-cd)pyrene	0.003		ND						04/08/2011	
Naphthalene	0.003		ND						04/08/2011	
Phenanthrene	0.003		ND						04/08/2011	
Pyrene	0.003		ND						04/08/2011	
Surr: 2-Fluorobiphenyl			0.104	0.167		62.1	45.7	89.2	04/08/2011	
Surr: Nitrobenzene-d5			0.108	0.167		64.7	31.4	100	04/08/2011	
Surr: p-Terphenyl-d14			0.104	0.167		62.5	53.3	124	04/08/2011	

Batch 67150		SampType: LCS		Units mg/Kg						
SampID: LCS-67150										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.003		0.131	0.167	0	78.4	56.3	115	04/08/2011	
Acenaphthylene	0.003		0.123	0.167	0	73.9	60.3	143	04/08/2011	
Anthracene	0.003		0.119	0.167	0	71.5	52.1	109	04/08/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040289

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

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

Batch 67150		SampType: LCS		Units mg/Kg						
SampID: LCS-67150										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Benzo(a)anthracene	0.003		0.122	0.167	0	73.1	52.8	112	04/08/2011	
Benzo(a)pyrene	0.003		0.124	0.167	0	74.3	40.8	127	04/08/2011	
Benzo(b)fluoranthene	0.003		0.138	0.167	0	82.4	50.1	150	04/08/2011	
Benzo(g,h,i)perylene	0.003		0.137	0.167	0	82.0	52.8	145	04/08/2011	
Benzo(k)fluoranthene	0.003		0.140	0.167	0	84.0	52	153	04/08/2011	
Chrysene	0.003		0.139	0.167	0	83.4	60.8	128	04/08/2011	
Dibenzo(a,h)anthracene	0.003		0.133	0.167	0	79.6	54.9	150	04/08/2011	
Fluoranthene	0.003		0.127	0.167	0	76.0	58.7	125	04/08/2011	
Fluorene	0.003		0.130	0.167	0	77.8	57.8	125	04/08/2011	
Indeno(1,2,3-cd)pyrene	0.003		0.138	0.167	0	82.6	52	147	04/08/2011	
Naphthalene	0.003		0.123	0.167	0	73.5	54.8	113	04/08/2011	
Phenanthrene	0.003		0.121	0.167	0	72.7	60.4	121	04/08/2011	
Pyrene	0.003		0.126	0.167	0	75.4	57.9	129	04/08/2011	
Surr: 2-Fluorobiphenyl			0.095	0.167		56.7	45.7	89.2	04/08/2011	
Surr: Nitrobenzene-d5			0.097	0.167		58.1	31.4	100	04/08/2011	
Surr: p-Terphenyl-d14			0.098	0.167		58.5	53.3	124	04/08/2011	

Batch 67150		SampType: MS		Units mg/Kg-dry						
SampID: 11040289-002AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.004		0.139	0.184	0	75.6	36	135	04/08/2011	
Acenaphthylene	0.004		0.132	0.184	0	71.9	17.2	167	04/08/2011	
Anthracene	0.004		0.139	0.184	0	75.2	39.3	124	04/08/2011	
Benzo(a)anthracene	0.004		0.128	0.184	0	69.3	10	183	04/08/2011	
Benzo(a)pyrene	0.004		0.140	0.184	0	76.2	10	204	04/08/2011	
Benzo(b)fluoranthene	0.004		0.138	0.184	0	75.0	10.6	178	04/08/2011	
Benzo(g,h,i)perylene	0.004		0.144	0.184	0	78.2	10	168	04/08/2011	
Benzo(k)fluoranthene	0.004		0.141	0.184	0	76.6	27.6	181	04/08/2011	
Bis(2-ethylhexyl)phthalate	0.074		0.161	0.184	0	87.4	50	150	04/08/2011	
Chrysene	0.004		0.147	0.184	0	80.0	10	176	04/08/2011	
Dibenzo(a,h)anthracene	0.004		0.142	0.184	0	77.0	12.2	156	04/08/2011	
Fluoranthene	0.004		0.136	0.184	0	74.1	10	227	04/08/2011	
Fluorene	0.004		0.144	0.184	0	78.2	35.2	148	04/08/2011	
Indeno(1,2,3-cd)pyrene	0.004		0.142	0.184	0	77.2	10	164	04/08/2011	
Naphthalene	0.004		0.125	0.184	0.005557	64.8	14.7	128	04/08/2011	
Phenanthrene	0.004		0.145	0.184	0	78.8	32.8	143	04/08/2011	
Pyrene	0.004		0.142	0.184	0	76.8	10	180	04/08/2011	
Surr: 2-Fluorobiphenyl			0.078	0.184		42.1	10	131	04/08/2011	
Surr: Nitrobenzene-d5			0.092	0.184		49.7	10	132	04/08/2011	
Surr: p-Terphenyl-d14			0.103	0.184		55.7	30.6	131	04/08/2011	

Batch 67150		SampType: MSD		Units mg/Kg-dry				RPD Limit 49.7		Date Analyzed	
SampID: 11040289-002AMS											
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Acenaphthene	0.004		0.141	0.186	0	75.8	0.1393	1.48	04/08/2011		
Acenaphthylene	0.004		0.138	0.186	0	74.1	0.1323	4.22	04/08/2011		

Client: PSC Industrial Outsourcing, LP

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

Batch 67150	SampType: MSD	Units mg/Kg-dry						RPD Limit 49.7		Date Analyzed
SampID: 11040289-002AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Anthracene	0.004		0.147	0.186	0	78.6	0.1386	5.62	04/08/2011	
Benzo(a)anthracene	0.004		0.132	0.186	0	70.7	0.1275	3.21	04/08/2011	
Benzo(a)pyrene	0.004		0.145	0.186	0	78.0	0.1404	3.54	04/08/2011	
Benzo(b)fluoranthene	0.004		0.147	0.186	0	78.8	0.1382	6.14	04/08/2011	
Benzo(g,h,i)perylene	0.004		0.143	0.186	0	76.8	0.1441	0.59	04/08/2011	
Benzo(k)fluoranthene	0.004		0.149	0.186	0	80.0	0.1411	5.55	04/08/2011	
Bis(2-ethylhexyl)phthalate	0.075		0.159	0.186	0	85.4	0.1610	1.09	04/08/2011	
Chrysene	0.004		0.148	0.186	0	79.2	0.1474	0.21	04/08/2011	
Dibenzo(a,h)anthracene	0.004		0.144	0.186	0	77.4	0.1419	1.73	04/08/2011	
Fluoranthene	0.004		0.144	0.186	0	77.2	0.1364	5.44	04/08/2011	
Fluorene	0.004		0.151	0.186	0	80.8	0.1441	4.48	04/08/2011	
Indeno(1,2,3-cd)pyrene	0.004		0.148	0.186	0	79.6	0.1422	4.27	04/08/2011	
Naphthalene	0.004		0.123	0.186	0.005557	63.1	0.1250	1.47	04/08/2011	
Phenanthrene	0.004		0.150	0.186	0	80.6	0.1452	3.47	04/08/2011	
Pyrene	0.004		0.148	0.186	0	79.2	0.1415	4.28	04/08/2011	
Surr: 2-Fluorobiphenyl			0.068	0.186		36.5			04/08/2011	
Surr: Nitrobenzene-d5			0.083	0.186		44.5			04/08/2011	
Surr: p-Terphenyl-d14			0.106	0.186		56.7			04/08/2011	

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

Batch 67151	SampType: MBLK	Units mg/Kg								Date Analyzed
SampID: MB-67151										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,2,4-Trichlorobenzene	0.500		ND						04/08/2011	
1,2-Dichlorobenzene	0.500		ND						04/08/2011	
1,3-Dichlorobenzene	0.500		ND						04/08/2011	
1,4-Dichlorobenzene	0.500		ND						04/08/2011	
2,4,5-Trichlorophenol	0.350		ND						04/08/2011	
2,4,6-Trichlorophenol	0.350		ND						04/08/2011	
2,4-Dichlorophenol	0.500		ND						04/08/2011	
2,4-Dimethylphenol	0.500		ND						04/08/2011	
2,4-Dinitrophenol	1.00		ND						04/08/2011	
2,4-Dinitrotoluene	0.350		ND						04/08/2011	
2,6-Dinitrotoluene	0.350		ND						04/08/2011	
2-Chloronaphthalene	0.350		ND						04/08/2011	
2-Chlorophenol	0.500		ND						04/08/2011	
2-Methoxy-4-methylphenol	0.650		ND						04/08/2011	
2-Methylnaphthalene	0.350		ND						04/08/2011	
2-Nitroaniline	1.00		ND						04/08/2011	
2-Nitrophenol	0.350		ND						04/08/2011	
3,3'-Dichlorobenzidine	0.350		ND						04/08/2011	
3-Nitroaniline	1.00		ND						04/08/2011	
4,6-Dinitro-2-methylphenol	1.00		ND						04/08/2011	
4-Bromophenyl phenyl ether	0.350		ND						04/08/2011	
4-Chloro-3-methylphenol	0.500		ND						04/08/2011	
4-Chloroaniline	0.500		ND						04/08/2011	

**Client:** PSC Industrial Outsourcing, LP

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

Batch 67151		SampType: MBLK		Units mg/Kg						
SampID: MB-67151										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
4-Chlorophenyl phenyl ether	0.350		ND						04/08/2011	
4-Nitroaniline	0.500		ND						04/08/2011	
4-Nitrophenol	0.350		ND						04/08/2011	
Aniline	0.500		ND						04/08/2011	
Azobenzene	0.350		ND						04/08/2011	
Benzidine	1.06		ND						04/08/2011	
Benzoic acid	1.50		ND						04/08/2011	
Benzyl alcohol	0.500		ND						04/08/2011	
Bis(2-chloroethoxy)methane	0.350		ND						04/08/2011	
Bis(2-chloroethyl)ether	0.500		ND						04/08/2011	
Bis(2-chloroisopropyl)ether	0.350		ND						04/08/2011	
Butyl benzyl phthalate	0.350		ND						04/08/2011	
Carbazole	0.500		ND						04/08/2011	
Dibenzofuran	0.350		ND						04/08/2011	
Diethyl phthalate	0.500		ND						04/08/2011	
Dimethyl phthalate	0.350		ND						04/08/2011	
Di-n-butyl phthalate	0.350		ND						04/08/2011	
Di-n-octyl phthalate	0.350		ND						04/08/2011	
Hexachlorobenzene	0.350		ND						04/08/2011	
Hexachlorobutadiene	0.500		ND						04/08/2011	
Hexachlorocyclopentadiene	0.350		ND						04/08/2011	
Hexachloroethane	0.500		ND						04/08/2011	
Isophorone	0.350		ND						04/08/2011	
m,p-Cresol	0.500		ND						04/08/2011	
Nitrobenzene	0.500		ND						04/08/2011	
N-Nitrosodimethylamine	0.500		ND						04/08/2011	
N-Nitroso-di-n-propylamine	0.500		ND						04/08/2011	
N-Nitrosodiphenylamine	0.500		ND						04/08/2011	
o-Cresol	0.500		ND						04/08/2011	
Pentachlorophenol	2.00		ND						04/08/2011	
Phenol	0.350		ND						04/08/2011	
Pyridine	0.500		ND						04/08/2011	
1,2-Diphenylhydrazine	0.840		ND						04/08/2011	
Surr: 2,4,6-Tribromophenol			1.73	1.67		103.5	52.1	113	04/08/2011	
Surr: 2-Fluorobiphenyl			0.812	0.835		97.2	46.3	106	04/08/2011	
Surr: 2-Fluorophenol			1.48	1.67		88.4	50.6	89	04/08/2011	
Surr: Nitrobenzene-d5			0.693	0.835		83.0	42.4	99.2	04/08/2011	
Surr: Phenol-d5			1.45	1.67		86.9	55.9	98.5	04/08/2011	
Surr: p-Terphenyl-d14			0.821	0.835		98.3	45.5	115	04/08/2011	

Batch 67151		SampType: LCS		Units mg/Kg						
SampID: LCS-67151										
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	04/08/2011	
1,4-Dichlorobenzene	0.500		1.13	1.67	0	67.9	43.8	84.1	04/08/2011	
2,4,5-Trichlorophenol	0.350		2.90	3.33	0	87.2	38.6	123	04/08/2011	
2,4,6-Trichlorophenol	0.350		2.90	3.33	0	87.1	35.9	123	04/08/2011	

Client: PSC Industrial Outsourcing, LP

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

Batch 67151		SampType: LCS		Units mg/Kg						
SampID: LCS-67151										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
2,4-Dimethylphenol	0.500		2.30	3.33	0	68.9	38.3	88	04/08/2011	
2,4-Dinitrophenol	1.00		2.94	3.33	0	88.2	1.88	162	04/08/2011	
2,4-Dinitrotoluene	0.350		1.42	1.67	0	85.3	48.6	102	04/08/2011	
2-Chlorophenol	0.500		2.36	3.33	0	70.8	46.6	84	04/08/2011	
4-Chloro-3-methylphenol	0.500		2.72	3.33	0	81.7	51.5	94.9	04/08/2011	
4-Nitrophenol	0.350		2.69	3.33	0	80.8	53.2	104	04/08/2011	
Diethyl phthalate	0.500		2.63	3.33	0	79.0	51.7	106	04/08/2011	
Dimethyl phthalate	0.350		2.49	3.33	0	74.7	58.8	104	04/08/2011	
Di-n-butyl phthalate	0.350		1.35	1.67	0	81.1	54.3	105	04/08/2011	
Hexachlorobenzene	0.350		3.04	3.33	0	91.2	55.9	106	04/08/2011	
Hexachlorobutadiene	0.500		2.63	3.33	0	78.9	35.7	100	04/08/2011	
Hexachloroethane	0.500		2.21	3.33	0	66.3	38.9	89.9	04/08/2011	
m,p-Cresol	0.500		1.27	1.67	0	76.2	37.6	93.7	04/08/2011	
Nitrobenzene	0.500		2.27	3.33	0	68.1	51.8	104	04/08/2011	
N-Nitroso-di-n-propylamine	0.500		1.20	1.67	0	72.0	49.1	94.5	04/08/2011	
o-Cresol	0.500		1.23	1.67	0	73.5	43	101	04/08/2011	
Pentachlorophenol	2.00		2.71	3.33	0	81.4	42.2	102	04/08/2011	
Phenol	0.350		2.33	3.33	0	69.9	41.6	81.3	04/08/2011	
Pyridine	0.500		2.05	3.33	0	61.5	3.61	74.3	04/08/2011	
Surr: 2,4,6-Tribromophenol			1.63	1.67		97.8	52.1	113	04/08/2011	
Surr: 2-Fluorobiphenyl			0.705	0.835		84.4	46.3	106	04/08/2011	
Surr: 2-Fluorophenol			1.24	1.67		74.4	50.6	89	04/08/2011	
Surr: Nitrobenzene-d5			0.530	0.835		63.5	42.4	99.2	04/08/2011	
Surr: Phenol-d5			1.26	1.67		75.6	55.9	98.5	04/08/2011	
Surr: p-Terphenyl-d14			0.799	0.835		95.7	45.5	115	04/08/2011	

Batch 67151		SampType: MS		Units mg/Kg-dry						
SampID: 11040289-001AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,2,4-Trichlorobenzene	0.548		1.41	1.83	0	77.3	35.9	102	04/08/2011	
1,4-Dichlorobenzene	0.548		1.16	1.83	0	63.5	29.8	95.5	04/08/2011	
2,4,5-Trichlorophenol	0.384		3.02	3.65	0	82.7	38.6	123	04/08/2011	
2,4,6-Trichlorophenol	0.384		3.05	3.65	0	83.5	35.9	123	04/08/2011	
2,4-Dimethylphenol	0.548		2.49	3.65	0	68.3	38.3	88	04/08/2011	
2,4-Dinitrophenol	1.10		1.72	3.65	0	47.1	1.88	162	04/08/2011	
2,4-Dinitrotoluene	0.384		1.45	1.83	0	79.2	37.5	107	04/08/2011	
2-Chlorophenol	0.548		2.63	3.65	0	72.2	22.6	108	04/08/2011	
4-Chloro-3-methylphenol	0.548		2.99	3.65	0	81.9	19.3	131	04/08/2011	
4-Nitrophenol	0.384		2.49	3.65	0	68.3	27.6	123	04/08/2011	
Diethyl phthalate	0.548		2.71	3.65	0	74.2	51.7	106	04/08/2011	
Dimethyl phthalate	0.384		2.71	3.65	0	74.4	58.8	104	04/08/2011	
Di-n-butyl phthalate	0.384		1.40	1.83	0	76.4	54.3	105	04/08/2011	
Hexachlorobenzene	0.384		3.10	3.65	0	84.9	55.9	106	04/08/2011	
Hexachlorobutadiene	0.548		2.73	3.65	0	74.7	35.7	100	04/08/2011	
Hexachloroethane	0.548		2.24	3.65	0	61.3	38.9	89.9	04/08/2011	
m,p-Cresol	0.548		1.41	1.83	0	77.1	37.6	93.7	04/08/2011	
Nitrobenzene	0.548		2.39	3.65	0	65.4	51.8	104	04/08/2011	



**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040289

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

Batch 67151		SampType: MS		Units mg/Kg-dry						Date Analyzed
SampID: 11040289-001AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
N-Nitroso-di-n-propylamine	0.548		1.27	1.83	0	69.3	45.5	99.1	04/08/2011	
o-Cresol	0.548		1.41	1.83	0	77.1	43	101	04/08/2011	
Pentachlorophenol	2.19	J	2.0	3.65	0	55.1	18.5	113	04/08/2011	
Phenol	0.384		2.47	3.65	0	67.8	20.8	110	04/08/2011	
Pyridine	0.548		2.06	3.65	0	56.6	3.61	74.3	04/08/2011	
Surr: 2,4,6-Tribromophenol			1.62	1.83		88.4	32.7	130	04/08/2011	
Surr: 2-Fluorobiphenyl			0.693	0.915		75.8	34.1	116	04/08/2011	
Surr: 2-Fluorophenol			1.25	1.83		68.6	30.5	99	04/08/2011	
Surr: Nitrobenzene-d5			0.619	0.915		67.6	34.1	101	04/08/2011	
Surr: Phenol-d5			1.24	1.83		67.7	34.9	110	04/08/2011	
Surr: p-Terphenyl-d14			0.783	0.915		85.6	41.7	124	04/08/2011	

Batch 67151		SampType: MSD		Units mg/Kg-dry				RPD Limit 40		Date Analyzed
SampID: 11040289-001AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
1,2,4-Trichlorobenzene	0.548		1.45	1.83	0	78.9	1.415	2.16	04/08/2011	
1,4-Dichlorobenzene	0.548		1.06	1.83	0	57.9	1.161	9.14	04/08/2011	
2,4,5-Trichlorophenol	0.384		2.95	3.65	0	80.8	3.017	2.18	04/08/2011	
2,4,6-Trichlorophenol	0.384		3.09	3.65	0	84.6	3.047	1.37	04/08/2011	
2,4-Dimethylphenol	0.548		2.65	3.65	0	72.5	2.492	6.08	04/08/2011	
2,4-Dinitrophenol	1.10		1.50	3.65	0	41.2	1.719	13.39	04/08/2011	
2,4-Dinitrotoluene	0.384		1.57	1.83	0	85.7	1.450	7.96	04/08/2011	
2-Chlorophenol	0.548		2.55	3.65	0	69.9	2.633	3.11	04/08/2011	
4-Chloro-3-methylphenol	0.548		2.98	3.65	0	81.5	2.987	0.31	04/08/2011	
4-Nitrophenol	0.384		2.44	3.65	0	66.7	2.490	2.22	04/08/2011	
Diethyl phthalate	0.548		2.78	3.65	0	76.0	2.708	2.53	04/08/2011	
Dimethyl phthalate	0.384		2.71	3.65	0	74.1	2.715	0.28	04/08/2011	
Di-n-butyl phthalate	0.384		1.44	1.83	0	78.7	1.399	3.08	04/08/2011	
Hexachlorobenzene	0.384		3.28	3.65	0	89.8	3.098	5.72	04/08/2011	
Hexachlorobutadiene	0.548		2.71	3.65	0	74.3	2.726	0.48	04/08/2011	
Hexachloroethane	0.548		1.88	3.65	0	51.5	2.237	17.28	04/08/2011	
m,p-Cresol	0.548		1.39	1.83	0	75.8	1.411	1.66	04/08/2011	
Nitrobenzene	0.548		2.48	3.65	0	68.0	2.386	3.96	04/08/2011	
N-Nitroso-di-n-propylamine	0.548		1.34	1.83	0	73.1	1.268	5.44	04/08/2011	
o-Cresol	0.548		1.39	1.83	0	75.9	1.411	1.58	04/08/2011	
Pentachlorophenol	2.19	J	1.8	3.65	0	50.2	2.012	0.00	04/08/2011	
Phenol	0.384		2.53	3.65	0	69.2	2.474	2.21	04/08/2011	
Pyridine	0.548		2.12	3.65	0	58.0	2.064	2.64	04/08/2011	
Surr: 2,4,6-Tribromophenol			1.51	1.83		82.3			04/08/2011	
Surr: 2-Fluorobiphenyl			0.706	0.915		77.1			04/08/2011	
Surr: 2-Fluorophenol			1.24	1.83		67.7			04/08/2011	
Surr: Nitrobenzene-d5			0.668	0.915		72.9			04/08/2011	
Surr: Phenol-d5			1.31	1.83		71.7			04/08/2011	
Surr: p-Terphenyl-d14			0.808	0.915		88.2			04/08/2011	

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11040289

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

Report Date: 08-Apr-11

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

Batch 67179		SampType: MBLK		Units µg/Kg						Date Analyzed
SampID: MBLK-A110408-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
1,1,1,2-Tetrachloroethane	5.00		ND						04/08/2011	
1,1,1-Trichloroethane	5.00		ND						04/08/2011	
1,1,2,2-Tetrachloroethane	5.00		ND						04/08/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.00		ND						04/08/2011	
1,1,2-Trichloroethane	5.00		ND						04/08/2011	
1,1-Dichloro-2-propanone	50.0		ND						04/08/2011	
1,1-Dichloroethane	5.00		ND						04/08/2011	
1,1-Dichloroethene	5.00		ND						04/08/2011	
1,1-Dichloropropene	5.00		ND						04/08/2011	
1,2,3-Trichlorobenzene	5.00		ND						04/08/2011	
1,2,3-Trichloropropane	10.0		ND						04/08/2011	
1,2,3-Trimethylbenzene	5.00		ND						04/08/2011	
1,2,4-Trichlorobenzene	5.00		ND						04/08/2011	
1,2,4-Trimethylbenzene	5.00		ND						04/08/2011	
1,2-Dibromo-3-chloropropane	5.00		ND						04/08/2011	
1,2-Dibromoethane	5.00		ND						04/08/2011	
1,2-Dichlorobenzene	5.00		ND						04/08/2011	
1,2-Dichloroethane	5.00		ND						04/08/2011	
1,2-Dichloropropane	5.00		ND						04/08/2011	
1,3,5-Trimethylbenzene	5.00		ND						04/08/2011	
1,3-Dichlorobenzene	5.00		ND						04/08/2011	
1,3-Dichloropropane	5.00		ND						04/08/2011	
1,4-Dichlorobenzene	5.00		ND						04/08/2011	
1-Chlorobutane	5.00		ND						04/08/2011	
2,2-Dichloropropane	5.00		ND						04/08/2011	
2-Butanone	50.0		ND						04/08/2011	
2-Chlorotoluene	5.00		ND						04/08/2011	
2-Hexanone	50.0		ND						04/08/2011	
2-Nitropropane	50.0		ND						04/08/2011	
4-Chlorotoluene	5.00		ND						04/08/2011	
4-Methyl-2-pentanone	50.0		ND						04/08/2011	
Acetone	50.0		ND						04/08/2011	
Acetonitrile	100		ND						04/08/2011	
Acrolein	100		ND						04/08/2011	
Acrylonitrile	10.0		ND						04/08/2011	
Allyl chloride	5.00		ND						04/08/2011	
Benzene	1.00		ND						04/08/2011	
Bromobenzene	5.00		ND						04/08/2011	
Bromochloromethane	5.00		ND						04/08/2011	
Bromodichloromethane	5.00		ND						04/08/2011	
Bromoform	5.00		ND						04/08/2011	
Bromomethane	10.0		ND						04/08/2011	
Carbon disulfide	5.00		ND						04/08/2011	
Carbon tetrachloride	5.00		ND						04/08/2011	
Chlorobenzene	5.00		ND						04/08/2011	
Chloroethane	10.0		ND						04/08/2011	
Chloroform	5.00		ND						04/08/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040289

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

**Report Date:** 08-Apr-11

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

Batch 67179		SampType: MBLK		Units µg/Kg					Date Analyzed
SampID: MBLK-A110408-1									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Chloromethane	10.0		ND						04/08/2011
cis-1,2-Dichloroethene	5.00		ND						04/08/2011
cis-1,3-Dichloropropene	4.00		ND						04/08/2011
Cyclohexanone	100		ND						04/08/2011
Dibromochloromethane	5.00		ND						04/08/2011
Dibromomethane	5.00		ND						04/08/2011
Dichlorodifluoromethane	10.0		ND						04/08/2011
Ethyl acetate	50.0		ND						04/08/2011
Ethyl ether	5.00		ND						04/08/2011
Ethyl methacrylate	5.00		ND						04/08/2011
Ethylbenzene	5.00		ND						04/08/2011
Heptane	20.0		ND						04/08/2011
Hexachlorobutadiene	5.00		ND						04/08/2011
Hexachloroethane	5.00		ND						04/08/2011
Iodomethane	10.0		ND						04/08/2011
Isopropylbenzene	5.00		ND						04/08/2011
m,p-Xylenes	5.00		ND						04/08/2011
Methacrylonitrile	50.0		ND						04/08/2011
Methyl Methacrylate	5.00		ND						04/08/2011
Methyl tert-butyl ether	2.00		ND						04/08/2011
Methylacrylate	10.0		ND						04/08/2011
Methylene chloride	5.00		ND						04/08/2011
Naphthalene	10.0		ND						04/08/2011
n-Butylbenzene	5.00		ND						04/08/2011
n-Hexane	20.0		ND						04/08/2011
Nitrobenzene	100		ND						04/08/2011
n-Propylbenzene	5.00		ND						04/08/2011
o-Xylene	5.00		ND						04/08/2011
Pentachloroethane	5.00		ND						04/08/2011
p-Isopropyltoluene	5.00		ND						04/08/2011
Propionitrile	50.0		ND						04/08/2011
sec-Butylbenzene	5.00		ND						04/08/2011
Styrene	5.00		ND						04/08/2011
tert-Butylbenzene	5.00		ND						04/08/2011
Tetrachloroethene	5.00		ND						04/08/2011
Tetrahydrofuran	50.0		ND						04/08/2011
Toluene	5.00		ND						04/08/2011
trans-1,2-Dichloroethene	5.00		ND						04/08/2011
trans-1,3-Dichloropropene	4.00		ND						04/08/2011
trans-1,4-Dichloro-2-butene	10.0		ND						04/08/2011
Trichloroethene	5.00		ND						04/08/2011
Trichlorofluoromethane	5.00		ND						04/08/2011
Vinyl acetate	50.0		ND						04/08/2011
Vinyl chloride	2.00		ND						04/08/2011
Xylenes, Total	5.00		ND						04/08/2011
Gasoline Range Organics (OA-1)	1000		ND						04/08/2011
Surr: 1,2-Dichloroethane-d4			56.4	50.0		112.9	72.2	131	04/08/2011

Client: PSC Industrial Outsourcing, LP

Work Order: 11040289

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

Report Date: 08-Apr-11

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

Batch 67179		SampType: MBLK		Units µg/Kg						
SampID: MBLK-A110408-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: 4-Bromofluorobenzene			52.0	50.0		104.0	82.1	116	04/08/2011	
Surr: Dibromofluoromethane			53.4	50.0		106.8	77.7	120	04/08/2011	
Surr: Toluene-d8			48.2	50.0		96.3	86	116	04/08/2011	

Batch 67179		SampType: LCS		Units µg/Kg						
SampID: LCS-A110408-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,1,1,2-Tetrachloroethane	5.00		51.1	50.0	0	102.2	0	200	04/08/2011	
1,1,1-Trichloroethane	5.00		53.9	50.0	0	107.8	85.8	124	04/08/2011	
1,1,2,2-Tetrachloroethane	5.00		49.2	50.0	0	98.4	0	200	04/08/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.00		50.6	50.0	0	101.3	0	200	04/08/2011	
1,1,2-Trichloroethane	5.00		48.7	50.0	0	97.5	0	200	04/08/2011	
1,1-Dichloro-2-propanone	50.0		120	125	0	96.2	0	200	04/08/2011	
1,1-Dichloroethane	5.00		48.5	50.0	0	97.1	0	200	04/08/2011	
1,1-Dichloroethene	5.00		46.0	50.0	0	92.0	60.1	131	04/08/2011	
1,1-Dichloropropene	5.00		49.7	50.0	0	99.4	0	200	04/08/2011	
1,2,3-Trichlorobenzene	5.00		63.8	50.0	0	127.6	0	200	04/08/2011	
1,2,3-Trichloropropane	10.0		49.3	50.0	0	98.7	0	200	04/08/2011	
1,2,3-Trimethylbenzene	5.00		51.5	50.0	0	102.9	0	200	04/08/2011	
1,2,4-Trichlorobenzene	5.00		65.5	50.0	0	131.0	0	200	04/08/2011	
1,2,4-Trimethylbenzene	5.00		53.3	50.0	0	106.6	0	200	04/08/2011	
1,2-Dibromo-3-chloropropane	5.00		53.5	50.0	0	107.1	0	200	04/08/2011	
1,2-Dibromoethane	5.00		50.6	50.0	0	101.2	86.9	119	04/08/2011	
1,2-Dichlorobenzene	5.00		54.0	50.0	0	108.0	88	119	04/08/2011	
1,2-Dichloroethane	5.00		52.7	50.0	0	105.4	73	117	04/08/2011	
1,2-Dichloropropane	5.00		50.2	50.0	0	100.3	0	200	04/08/2011	
1,3,5-Trimethylbenzene	5.00		53.4	50.0	0	106.9	0	200	04/08/2011	
1,3-Dichlorobenzene	5.00		55.4	50.0	0	110.7	85.8	125	04/08/2011	
1,3-Dichloropropane	5.00		46.9	50.0	0	93.8	0	200	04/08/2011	
1,4-Dichlorobenzene	5.00		54.0	50.0	0	108.1	84.5	124	04/08/2011	
1-Chlorobutane	5.00		44.3	50.0	0	88.5	0	200	04/08/2011	
2,2-Dichloropropane	5.00		52.5	50.0	0	104.9	0	200	04/08/2011	
2-Butanone	50.0		121	125	0	97.2	45.3	136	04/08/2011	
2-Chlorotoluene	5.00		50.9	50.0	0	101.9	0	200	04/08/2011	
2-Hexanone	50.0		108	125	0	86.2	0	200	04/08/2011	
2-Nitropropane	50.0		519	500	0	103.8	0	200	04/08/2011	
4-Chlorotoluene	5.00		52.2	50.0	0	104.3	0	200	04/08/2011	
4-Methyl-2-pentanone	50.0		119	125	0	95.5	0	200	04/08/2011	
Acetone	50.0		122	125	0	97.6	0	200	04/08/2011	
Acetonitrile	100		466	500	0	93.2	0	200	04/08/2011	
Acrylonitrile	10.0		43.4	50.0	0	86.9	0	200	04/08/2011	
Allyl chloride	5.00		51.1	50.0	0	102.3	0	200	04/08/2011	
Benzene	1.00		48.1	50.0	0	96.2	73.9	109	04/08/2011	
Bromobenzene	5.00		52.3	50.0	0	104.6	0	200	04/08/2011	
Bromochloromethane	5.00		48.0	50.0	0	96.1	0	200	04/08/2011	
Bromodichloromethane	5.00		52.8	50.0	0	105.7	91.3	126	04/08/2011	
Bromoform	5.00		50.1	50.0	0	100.2	0	200	04/08/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11040289

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

Report Date: 08-Apr-11

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

Batch 67179	SampType: LCS	Units µg/Kg								Date Analyzed
SampID: LCS-A110408-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Bromomethane	10.0		33.3	50.0	0	66.6	0	200	04/08/2011	
Carbon disulfide	5.00		42.2	50.0	0	84.5	0	200	04/08/2011	
Carbon tetrachloride	5.00		54.3	50.0	0	108.5	83.3	127	04/08/2011	
Chlorobenzene	5.00		50.8	50.0	0	101.6	85.8	116	04/08/2011	
Chloroethane	10.0		36.5	50.0	0	73.0	0	200	04/08/2011	
Chloroform	5.00		50.7	50.0	0	101.4	80	113	04/08/2011	
Chloromethane	10.0		21.2	50.0	0	42.5	0	200	04/08/2011	
cis-1,2-Dichloroethene	5.00		49.5	50.0	0	99.0	0	200	04/08/2011	
cis-1,3-Dichloropropene	4.00		51.4	50.0	0	102.8	0	200	04/08/2011	
Cyclohexanone	100		212	250	0	84.7	0	200	04/08/2011	
Dibromochloromethane	5.00		51.6	50.0	0	103.1	89.1	119	04/08/2011	
Dibromomethane	5.00		50.1	50.0	0	100.2	0	200	04/08/2011	
Dichlorodifluoromethane	10.0		16.2	50.0	0	32.5	0	200	04/08/2011	
Ethyl acetate	50.0	J	46	50.0	0	93.0	0	200	04/08/2011	
Ethyl ether	5.00		48.3	50.0	0	96.5	0	200	04/08/2011	
Ethyl methacrylate	5.00		44.9	50.0	0	89.9	0	200	04/08/2011	
Ethylbenzene	5.00		48.7	50.0	0	97.4	84.1	115	04/08/2011	
Heptane	20.0		45.5	50.0	0	91.0	0	200	04/08/2011	
Hexachlorobutadiene	5.00		61.1	50.0	0	122.2	0	200	04/08/2011	
Hexachloroethane	5.00		50.8	50.0	0	101.6	0	200	04/08/2011	
Iodomethane	10.0		49.2	50.0	0	98.4	0	200	04/08/2011	
Isopropylbenzene	5.00		50.9	50.0	0	101.7	0	200	04/08/2011	
m,p-Xylenes	5.00		97.0	100	0	97.0	79.1	111	04/08/2011	
Methacrylonitrile	50.0	J	45	50.0	0	90.1	0	200	04/08/2011	
Methyl Methacrylate	5.00		47.3	50.0	0	94.6	0	200	04/08/2011	
Methyl tert-butyl ether	2.00		50.7	50.0	0	101.4	80	128	04/08/2011	
Methylacrylate	10.0		47.7	50.0	0	95.3	0	200	04/08/2011	
Methylene chloride	5.00		46.1	50.0	0	92.2	73.9	116	04/08/2011	
Naphthalene	10.0		59.6	50.0	0	119.3	73.1	135	04/08/2011	
n-Butylbenzene	5.00		54.4	50.0	0	108.7	0	200	04/08/2011	
n-Hexane	20.0		42.6	50.0	0	85.3	0	200	04/08/2011	
Nitrobenzene	100		439	500	0	87.8	0	200	04/08/2011	
n-Propylbenzene	5.00		52.1	50.0	0	104.3	0	200	04/08/2011	
o-Xylene	5.00		50.0	50.0	0	100	82	117	04/08/2011	
Pentachloroethane	5.00		54.0	50.0	0	108.1	0	200	04/08/2011	
p-Isopropyltoluene	5.00		52.3	50.0	0	104.6	0	200	04/08/2011	
Propionitrile	50.0		452	500	0	90.4	0	200	04/08/2011	
sec-Butylbenzene	5.00		52.6	50.0	0	105.2	0	200	04/08/2011	
Styrene	5.00		48.5	50.0	0	97.1	0	200	04/08/2011	
tert-Butylbenzene	5.00		51.4	50.0	0	102.8	0	200	04/08/2011	
Tetrachloroethene	5.00		51.2	50.0	0	102.4	74.6	115	04/08/2011	
Tetrahydrofuran	50.0	J	47	50.0	0	93.9	0	200	04/08/2011	
Toluene	5.00		43.3	50.0	0	86.6	79.1	112	04/08/2011	
trans-1,2-Dichloroethene	5.00		48.8	50.0	0	97.6	0	200	04/08/2011	
trans-1,3-Dichloropropene	4.00		47.9	50.0	0	95.8	0	200	04/08/2011	
trans-1,4-Dichloro-2-butene	10.0		46.2	50.0	0	92.4	0	200	04/08/2011	
Trichloroethene	5.00	S	56.0	50.0	0	112.0	81	111	04/08/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11040289

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

Report Date: 08-Apr-11

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

Batch 67179		SampType: LCS		Units µg/Kg						
SampID: LCS-A110408-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Trichlorofluoromethane	5.00		48.5	50.0	0	97.0	0	200	04/08/2011	
Vinyl acetate	50.0	J	48	50.0	0	95.2	0	200	04/08/2011	
Vinyl chloride	2.00		28.9	50.0	0	57.8	0	200	04/08/2011	
Xylenes, Total	5.00		147	150	0	98.0	79.1	117	04/08/2011	
Surr: 1,2-Dichloroethane-d4			51.8	50.0		103.5	72.2	131	04/08/2011	
Surr: 4-Bromofluorobenzene			50.3	50.0		100.7	82.1	116	04/08/2011	
Surr: Dibromofluoromethane			53.2	50.0		106.5	77.7	120	04/08/2011	
Surr: Toluene-d8			46.5	50.0		93.0	86	116	04/08/2011	

Batch 67179		SampType: LCSD		Units µg/Kg		RPD Limit 40				
SampID: LCSD-A110408-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
1,1,1,2-Tetrachloroethane	5.00		48.6	50.0	0	97.1	51.09	5.10	04/08/2011	
1,1,1-Trichloroethane	5.00		51.1	50.0	0	102.3	53.90	5.27	04/08/2011	
1,1,2,2-Tetrachloroethane	5.00		47.0	50.0	0	93.9	49.19	4.66	04/08/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.00		46.6	50.0	0	93.2	50.64	8.27	04/08/2011	
1,1,2-Trichloroethane	5.00		47.2	50.0	0	94.4	48.74	3.25	04/08/2011	
1,1-Dichloro-2-propanone	50.0		114	125	0	91.5	120.3	5.02	04/08/2011	
1,1-Dichloroethane	5.00		46.1	50.0	0	92.3	48.53	5.07	04/08/2011	
1,1-Dichloroethene	5.00		44.3	50.0	0	88.7	45.98	3.63	04/08/2011	
1,1-Dichloropropene	5.00		47.0	50.0	0	94.1	49.68	5.46	04/08/2011	
1,2,3-Trichlorobenzene	5.00		58.4	50.0	0	116.8	63.82	8.85	04/08/2011	
1,2,3-Trichloropropane	10.0		47.3	50.0	0	94.7	49.34	4.16	04/08/2011	
1,2,3-Trimethylbenzene	5.00		48.1	50.0	0	96.1	51.46	6.83	04/08/2011	
1,2,4-Trichlorobenzene	5.00		59.0	50.0	0	118.0	65.48	10.41	04/08/2011	
1,2,4-Trimethylbenzene	5.00		49.5	50.0	0	99.0	53.32	7.45	04/08/2011	
1,2-Dibromo-3-chloropropane	5.00		50.2	50.0	0	100.5	53.54	6.38	04/08/2011	
1,2-Dibromoethane	5.00		48.4	50.0	0	96.7	50.59	4.49	04/08/2011	
1,2-Dichlorobenzene	5.00		50.2	50.0	0	100.5	53.99	7.18	04/08/2011	
1,2-Dichloroethane	5.00		50.0	50.0	0	99.9	52.68	5.28	04/08/2011	
1,2-Dichloropropane	5.00		47.5	50.0	0	95.0	50.17	5.47	04/08/2011	
1,3,5-Trimethylbenzene	5.00		49.5	50.0	0	99.1	53.44	7.59	04/08/2011	
1,3-Dichlorobenzene	5.00		50.8	50.0	0	101.5	55.35	8.65	04/08/2011	
1,3-Dichloropropane	5.00		44.8	50.0	0	89.6	46.89	4.58	04/08/2011	
1,4-Dichlorobenzene	5.00		49.7	50.0	0	99.4	54.05	8.37	04/08/2011	
1-Chlorobutane	5.00		42.5	50.0	0	85.0	44.27	4.08	04/08/2011	
2,2-Dichloropropane	5.00		49.4	50.0	0	98.9	52.46	5.91	04/08/2011	
2-Butanone	50.0		114	125	0	90.8	121.5	6.77	04/08/2011	
2-Chlorotoluene	5.00		47.4	50.0	0	94.7	50.94	7.30	04/08/2011	
2-Hexanone	50.0		103	125	0	82.1	107.7	4.89	04/08/2011	
2-Nitropropane	50.0		489	500	0	97.8	519.1	5.97	04/08/2011	
4-Chlorotoluene	5.00		48.5	50.0	0	97.0	52.17	7.25	04/08/2011	
4-Methyl-2-pentanone	50.0		114	125	0	91.2	119.4	4.61	04/08/2011	
Acetone	50.0		118	125	0	94.0	122.0	3.72	04/08/2011	
Acetonitrile	100		443	500	0	88.6	465.8	4.97	04/08/2011	
Acrylonitrile	10.0		41.6	50.0	0	83.1	43.43	4.38	04/08/2011	
Allyl chloride	5.00		48.0	50.0	0	95.9	51.13	6.42	04/08/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040289

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

**Report Date:** 08-Apr-11

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

Batch 67179	SampType: LCSD	Units µg/Kg						RPD Limit 40		Date Analyzed
SampID: LCSD-A110408-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Benzene	1.00		45.5	50.0	0	91.0	48.11	5.55	04/08/2011	
Bromobenzene	5.00		49.4	50.0	0	98.9	52.30	5.62	04/08/2011	
Bromochloromethane	5.00		46.0	50.0	0	92.0	48.03	4.32	04/08/2011	
Bromodichloromethane	5.00		50.6	50.0	0	101.1	52.83	4.39	04/08/2011	
Bromoform	5.00		48.2	50.0	0	96.3	50.08	3.93	04/08/2011	
Bromomethane	10.0		30.2	50.0	0	60.4	33.30	9.80	04/08/2011	
Carbon disulfide	5.00		39.6	50.0	0	79.3	42.24	6.33	04/08/2011	
Carbon tetrachloride	5.00		51.3	50.0	0	102.6	54.26	5.57	04/08/2011	
Chlorobenzene	5.00		48.5	50.0	0	96.9	50.82	4.75	04/08/2011	
Chloroethane	10.0		32.2	50.0	0	64.3	36.50	12.67	04/08/2011	
Chloroform	5.00		48.9	50.0	0	97.8	50.69	3.62	04/08/2011	
Chloromethane	10.0		19.6	50.0	0	39.1	21.23	8.24	04/08/2011	
cis-1,2-Dichloroethene	5.00		47.8	50.0	0	95.5	49.51	3.58	04/08/2011	
cis-1,3-Dichloropropene	4.00		49.0	50.0	0	98.0	51.42	4.78	04/08/2011	
Cyclohexanone	100		202	250	0	80.7	211.7	4.86	04/08/2011	
Dibromochloromethane	5.00		49.5	50.0	0	98.9	51.56	4.16	04/08/2011	
Dibromomethane	5.00		48.0	50.0	0	95.9	50.08	4.32	04/08/2011	
Dichlorodifluoromethane	10.0		14.6	50.0	0	29.2	16.23	10.51	04/08/2011	
Ethyl acetate	50.0	J	45	50.0	0	89.2	46.50	0.00	04/08/2011	
Ethyl ether	5.00		46.3	50.0	0	92.5	48.26	4.23	04/08/2011	
Ethyl methacrylate	5.00		42.6	50.0	0	85.2	44.94	5.35	04/08/2011	
Ethylbenzene	5.00		46.1	50.0	0	92.2	48.70	5.44	04/08/2011	
Heptane	20.0		41.7	50.0	0	83.4	45.51	8.74	04/08/2011	
Hexachlorobutadiene	5.00		55.4	50.0	0	110.9	61.08	9.68	04/08/2011	
Hexachloroethane	5.00		47.9	50.0	0	95.8	50.81	5.85	04/08/2011	
Iodomethane	10.0		46.7	50.0	0	93.4	49.19	5.17	04/08/2011	
Isopropylbenzene	5.00		47.7	50.0	0	95.4	50.86	6.43	04/08/2011	
m,p-Xylenes	5.00		91.2	100	0	91.2	96.97	6.13	04/08/2011	
Methacrylonitrile	50.0	J	43	50.0	0	85.7	45.04	0.00	04/08/2011	
Methyl Methacrylate	5.00		44.6	50.0	0	89.2	47.30	5.83	04/08/2011	
Methyl tert-butyl ether	2.00		49.0	50.0	0	97.9	50.68	3.47	04/08/2011	
Methylacrylate	10.0		45.4	50.0	0	90.7	47.66	4.97	04/08/2011	
Methylene chloride	5.00		44.0	50.0	0	88.0	46.09	4.62	04/08/2011	
Naphthalene	10.0		55.4	50.0	0	110.9	59.63	7.26	04/08/2011	
n-Butylbenzene	5.00		49.0	50.0	0	98.1	54.35	10.25	04/08/2011	
n-Hexane	20.0		38.2	50.0	0	76.5	42.65	10.88	04/08/2011	
Nitrobenzene	100		410	500	0	82.0	438.9	6.83	04/08/2011	
n-Propylbenzene	5.00		48.0	50.0	0	96.0	52.14	8.25	04/08/2011	
o-Xylene	5.00		47.4	50.0	0	94.7	50.01	5.42	04/08/2011	
Pentachloroethane	5.00		51.5	50.0	0	103.0	54.04	4.79	04/08/2011	
p-Isopropyltoluene	5.00		48.4	50.0	0	96.7	52.28	7.77	04/08/2011	
Propionitrile	50.0		438	500	0	87.7	452.1	3.12	04/08/2011	
sec-Butylbenzene	5.00		48.2	50.0	0	96.3	52.61	8.81	04/08/2011	
Styrene	5.00		46.1	50.0	0	92.2	48.54	5.11	04/08/2011	
tert-Butylbenzene	5.00		48.8	50.0	0	97.5	51.41	5.29	04/08/2011	
Tetrachloroethene	5.00		48.4	50.0	0	96.8	51.19	5.62	04/08/2011	
Tetrahydrofuran	50.0	J	45	50.0	0	90.4	46.95	0.00	04/08/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040289

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

**Report Date:** 08-Apr-11

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

Batch 67179		SampType: LCSD		Units µg/Kg				RPD Limit 40		
SampID: LCSD-A110408-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Toluene	5.00		41.1	50.0	0	82.3	43.29	5.12	04/08/2011	
trans-1,2-Dichloroethene	5.00		45.7	50.0	0	91.4	48.78	6.54	04/08/2011	
trans-1,3-Dichloropropene	4.00		45.7	50.0	0	91.4	47.91	4.72	04/08/2011	
trans-1,4-Dichloro-2-butene	10.0		43.7	50.0	0	87.3	46.20	5.65	04/08/2011	
Trichloroethene	5.00		52.4	50.0	0	104.8	55.98	6.64	04/08/2011	
Trichlorofluoromethane	5.00		45.4	50.0	0	90.8	48.48	6.54	04/08/2011	
Vinyl acetate	50.0	J	45	50.0	0	90.8	47.60	0.00	04/08/2011	
Vinyl chloride	2.00		26.4	50.0	0	52.7	28.88	9.09	04/08/2011	
Xylenes, Total	5.00		139	150	0	92.4	147.0	5.89	04/08/2011	
Surr: 1,2-Dichloroethane-d4			52.2	50.0		104.3			04/08/2011	
Surr: 4-Bromofluorobenzene			50.8	50.0		101.6			04/08/2011	
Surr: Dibromofluoromethane			53.1	50.0		106.2			04/08/2011	
Surr: Toluene-d8			47.1	50.0		94.3			04/08/2011	

Batch 67179		SampType: LCSG		Units µg/Kg						
SampID: LCSG-A110408-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Gasoline Range Organics (OA-1)	1000		2150	2000	0	107.6	70	130	04/08/2011	
Surr: 1,2-Dichloroethane-d4			54.3	50.0		108.6	61	128	04/08/2011	
Surr: 4-Bromofluorobenzene			53.1	50.0		106.1	78.2	117	04/08/2011	
Surr: Dibromofluoromethane			51.5	50.0		103.1	66.6	130	04/08/2011	
Surr: Toluene-d8			48.0	50.0		95.9	80.1	122	04/08/2011	

Batch 67179		SampType: LCSGD		Units µg/Kg				RPD Limit 20		
SampID: LCSGD-A110408-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Gasoline Range Organics (OA-1)	1000		2150	2000	0	107.4	2152	0.19	04/08/2011	
Surr: 1,2-Dichloroethane-d4			54.1	50.0		108.3			04/08/2011	
Surr: 4-Bromofluorobenzene			53.9	50.0		107.7			04/08/2011	
Surr: Dibromofluoromethane			51.2	50.0		102.4			04/08/2011	
Surr: Toluene-d8			47.7	50.0		95.4			04/08/2011	





## Receiving Check List

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040289

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

**Report Date:** 08-Apr-11

**Carrier:** Sean Spinner

**Received By:** JM

**Completed by:** *Marvin L. Darling II*  
**On:** 07-Apr-11  
 Marvin L. Darling

**Reviewed by:** *Elizabeth A. Hurley*  
**On:** 07-Apr-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 5.8
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  
 P.O. Box 230  
 Columbia, IL 62236-0230

(618) 281-7173 Phone  
 (800) 733-7173  
 (618) 281-5120 Fax

COC Serial No. **B** 10001

11040289

Project Name: Champaign MGP Project Mgr.: Pete Szazama  
 Project Number: 024-0908-D120 Cost Code: 0002  
 Sampler(s): J. Purdy / J. Blanton

Laboratory Name: Teklab  
 Location: Collinsville, IL  
 Sample Number and (depth) Date Time

Laboratory Temperature upon Receipt  
5.8°C  
**1 DAY**  
 Confirms (Field PID)  
11040289-cc1  
-cc2  
-cc3

Sample Number and (depth)	Date	Time	Matrix				Total Number of Containers	Analyses by Method Name and Number									
			Soil	Water	Air	Wipes		Other *	VOCs 8260	VOCs 8270	VOCs 8270 Sims	PCPA Metals	Total Phenols	TPH (OA-1 + OA-2)			
P8-612-F(20')	4/1/11	0825	X				6	X	X	X	X	X	X	X	X	X	X
P8-612-F(22')	↙	0835	X				6	X	X	X	X	X	X	X	X	X	X
P8-613-F(20')	↘	0845	X				6	X	X	X	X	X	X	X	X	X	X

**Samples Iced:**  Yes  No

Preservatives (ONLY for Water Samples)

- 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:  Rush  5 Days  STD  Other

Fax and/or Mail Results to: P. Szazama & L. Hoosier

Send Invoice to: \_\_\_\_\_

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

Special Guidelines: \_\_\_\_\_

Reporting Limits: \_\_\_\_\_

\* Special: \_\_\_\_\_

**Shipping:**

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

**Relinquished by:** Signature \_\_\_\_\_ Date 4/7/11 0915 Time 0915  
 Signature \_\_\_\_\_ Date 4/7/11 1225 Time 1225

**Received by:** Signature \_\_\_\_\_ Date 4/7/11 0915 Time 0915  
 Signature \_\_\_\_\_ Date 4/7/11 1225 Time 1225

April 18, 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:** 11040502

Dear Pete Sazama:

TEKLAB, INC received 3 samples on 4/12/2011 2:15:00 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,



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



## Report Contents

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

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**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040502

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

**Report Date:** 18-Apr-11

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**This reporting package includes the following:**

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Sample Summary	14
Dates Report	15
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Receiving Check List	41
Chain of Custody	Appended

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040502

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

**Report Date:** 18-Apr-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).
- 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:** 11040502

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

**Report Date:** 18-Apr-11

**Cooler Receipt Temp:** 2.2 °C

**Locations and Accreditations**

**Collinsville**

Address 5445 Horseshoe Lake Road  
Collinsville, IL 62234-7425  
Phone (618) 344-1004  
Fax (618) 344-1005  
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Springfield, IL 62711-9415  
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Lenexa, KS 66214  
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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	6/30/2011	Collinsville
Louisiana	LDEQ	166578	NELAP	6/30/2011	Springfield
Arkansas	ADEQ	88-0966		3/14/2012	Collinsville
Illinois	IDPH	17584		5/31/2011	Collinsville
Kentucky	UST	0073		5/26/2012	Collinsville
Missouri	MDNR	00930		5/31/2011	Collinsville
Oklahoma	ODEQ	9978		8/31/2011	Collinsville

Client: PSC Industrial Outsourcing, LP

Work Order: 11040502

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

Report Date: 18-Apr-11

Lab ID: 11040502-001

Client Sample ID: P8-E1.2-F (20 ft)

Matrix: SOLID

Collection Date: 04/11/2011 13:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		10.9	%	1	04/12/2011 15:00	R148037
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		89.1	%	1	04/12/2011 15:00	R148008
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.629		< 0.629	mg/Kg-dry	1	04/13/2011 10:40	R148078
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.63	J	0.39	mg/Kg-dry	1	04/13/2011 10:40	R148078
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.40		7.36	mg/Kg-dry	1	04/13/2011 12:40	67302
Barium	NELAP	0.48		18.1	mg/Kg-dry	1	04/13/2011 12:40	67302
Cadmium	NELAP	0.19		< 0.19	mg/Kg-dry	1	04/13/2011 12:40	67302
Chromium	NELAP	0.96		17.7	mg/Kg-dry	1	04/13/2011 12:40	67302
Lead	NELAP	3.85		12.1	mg/Kg-dry	1	04/13/2011 12:40	67302
Silver	NELAP	0.53		0.78	mg/Kg-dry	1	04/13/2011 12:40	67302
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.588		< 0.588	mg/Kg-dry	1	04/13/2011 13:04	67301
<b>SW-846 7471A</b>								
Mercury	NELAP	0.011		< 0.011	mg/Kg-dry	1	04/13/2011 9:37	67279
<b>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</b>								
Diesel	NELAP	5.56	#	12.3	mg/Kg-dry	1	04/13/2011 12:54	67304
Kerosene	NELAP	5.56		ND	mg/Kg-dry	1	04/13/2011 12:54	67304
Mineral Spirits	NELAP	5.56		ND	mg/Kg-dry	1	04/13/2011 12:54	67304
Motor Oil	NELAP	5.56		ND	mg/Kg-dry	1	04/13/2011 12:54	67304
Surr: n-Tetracontane		50.6-140		80.7	%REC	1	04/13/2011 12:54	67304
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		0.038	mg/Kg-dry	1	04/13/2011 13:02	67303
Acenaphthylene	NELAP	0.004		0.131	mg/Kg-dry	1	04/13/2011 13:02	67303
Anthracene	NELAP	0.004	S	0.017	mg/Kg-dry	1	04/13/2011 13:02	67303
Benzo(a)anthracene	NELAP	0.004		0.015	mg/Kg-dry	1	04/13/2011 13:02	67303
Benzo(a)pyrene	NELAP	0.004		0.011	mg/Kg-dry	1	04/13/2011 13:02	67303
Benzo(b)fluoranthene	NELAP	0.004		0.009	mg/Kg-dry	1	04/13/2011 13:02	67303
Benzo(g,h,i)perylene	NELAP	0.004		0.007	mg/Kg-dry	1	04/13/2011 13:02	67303
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	04/13/2011 13:02	67303
Bis(2-ethylhexyl)phthalate	NELAP	0.076		ND	mg/Kg-dry	1	04/13/2011 13:02	67303
Chrysene	NELAP	0.004		0.012	mg/Kg-dry	1	04/13/2011 13:02	67303
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	04/13/2011 13:02	67303
Fluoranthene	NELAP	0.004		0.024	mg/Kg-dry	1	04/13/2011 13:02	67303
Fluorene	NELAP	0.004	S	0.038	mg/Kg-dry	1	04/13/2011 13:02	67303
Indeno(1,2,3-cd)pyrene	NELAP	0.004	J	0.004	mg/Kg-dry	1	04/13/2011 13:02	67303
Naphthalene	NELAP	0.019	S	2.30	mg/Kg-dry	5	04/13/2011 14:38	67303
Phenanthrene	NELAP	0.004	SR	0.070	mg/Kg-dry	1	04/13/2011 13:02	67303
Pyrene	NELAP	0.004		0.038	mg/Kg-dry	1	04/13/2011 13:02	67303
Surr: 2-Fluorobiphenyl		10-131		70.9	%REC	1	04/13/2011 13:02	67303
Surr: Nitrobenzene-d5		10-132		83.4	%REC	1	04/13/2011 13:02	67303
Surr: p-Terphenyl-d14		30.6-131		87.6	%REC	1	04/13/2011 13:02	67303

Client: PSC Industrial Outsourcing, LP

Work Order: 11040502

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

Report Date: 18-Apr-11

Lab ID: 11040502-001

Client Sample ID: P8-E1.2-F (20 ft)

Matrix: SOLID

Collection Date: 04/11/2011 13:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
<i>Matrix spike and RPD did not recover within control limits because of sample composition.</i>								
<i>Marginal Exceedance for Acenaphthene, LCS is verified per NELAC Appendix D 1.1.2</i>								
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	0.565		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
1,2-Dichlorobenzene	NELAP	0.565		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
1,3-Dichlorobenzene	NELAP	0.565		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
1,4-Dichlorobenzene	NELAP	0.565		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
2,4,5-Trichlorophenol	NELAP	0.395		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
2,4,6-Trichlorophenol	NELAP	0.395		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
2,4-Dichlorophenol	NELAP	0.565		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
2,4-Dimethylphenol	NELAP	0.565		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
2,4-Dinitrophenol	NELAP	1.13		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
2,4-Dinitrotoluene	NELAP	0.395		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
2,6-Dinitrotoluene	NELAP	0.395		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
2-Chloronaphthalene	NELAP	0.395		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
2-Chlorophenol	NELAP	0.565		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
2-Methoxy-4-methylphenol		0.734		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
2-Methylnaphthalene	NELAP	0.395	J	0.31	mg/Kg-dry	1	04/13/2011 9:42	67277
2-Nitroaniline	NELAP	1.13		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
2-Nitrophenol	NELAP	0.395		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
3,3'-Dichlorobenzidine	NELAP	0.395		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
3-Nitroaniline	NELAP	1.13		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
4,6-Dinitro-2-methylphenol	NELAP	1.13		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
4-Bromophenyl phenyl ether	NELAP	0.395		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
4-Chloro-3-methylphenol	NELAP	0.565		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
4-Chloroaniline	NELAP	0.565		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
4-Chlorophenyl phenyl ether	NELAP	0.395		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
4-Nitroaniline	NELAP	0.565		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
4-Nitrophenol	NELAP	0.395		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
Aniline	NELAP	0.565		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
Azobenzene		0.395		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
Benzidine	NELAP	1.19		see note	mg/Kg-dry	1	04/13/2011 9:42	67277
Benzoic acid	NELAP	1.69		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
Benzyl alcohol	NELAP	0.565		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
Bis(2-chloroethoxy)methane	NELAP	0.395		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
Bis(2-chloroethyl)ether	NELAP	0.565		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
Bis(2-chloroisopropyl)ether	NELAP	0.395		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
Butyl benzyl phthalate	NELAP	0.395		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
Carbazole		0.565		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
Dibenzofuran	NELAP	0.395		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
Diethyl phthalate	NELAP	0.565		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
Dimethyl phthalate	NELAP	0.395		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
Di-n-butyl phthalate	NELAP	0.395		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
Di-n-octyl phthalate	NELAP	0.395		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
Hexachlorobenzene	NELAP	0.395		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
Hexachlorobutadiene	NELAP	0.565		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
Hexachlorocyclopentadiene	NELAP	0.395		ND	mg/Kg-dry	1	04/13/2011 9:42	67277



Client: PSC Industrial Outsourcing, LP

Work Order: 11040502

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

Report Date: 18-Apr-11

Lab ID: 11040502-001

Client Sample ID: P8-E1.2-F (20 ft)

Matrix: SOLID

Collection Date: 04/11/2011 13:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Hexachloroethane	NELAP	0.565		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
Isophorone	NELAP	0.395		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
m,p-Cresol	NELAP	0.565		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
Nitrobenzene	NELAP	0.565		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
N-Nitrosodimethylamine	NELAP	0.565		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
N-Nitroso-di-n-propylamine	NELAP	0.565		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
N-Nitrosodiphenylamine	NELAP	0.565		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
o-Cresol	NELAP	0.565		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
Pentachlorophenol	NELAP	2.26		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
Phenol	NELAP	0.395		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
Pyridine	NELAP	0.565		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
1,2-Diphenylhydrazine		0.949		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
Surr: 2,4,6-Tribromophenol		32.7-130		90.3	%REC	1	04/13/2011 9:42	67277
Surr: 2-Fluorobiphenyl		34.1-116		82.8	%REC	1	04/13/2011 9:42	67277
Surr: 2-Fluorophenol		30.5-99		72.6	%REC	1	04/13/2011 9:42	67277
Surr: Nitrobenzene-d5		34.1-101		67.5	%REC	1	04/13/2011 9:42	67277
Surr: Phenol-d5		34.9-110		74.5	%REC	1	04/13/2011 9:42	67277
Surr: p-Terphenyl-d14		41.7-124		92.5	%REC	1	04/13/2011 9:42	67277

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

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

1,1,1,2-Tetrachloroethane	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
1,1,1-Trichloroethane	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
1,1,2,2-Tetrachloroethane	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
1,1,2-Trichloro-1,2,2-trifluoroethane		104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
1,1,2-Trichloroethane	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
1,1-Dichloro-2-propanone		1040		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
1,1-Dichloroethane	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
1,1-Dichloroethene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
1,1-Dichloropropene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
1,2,3-Trichlorobenzene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
1,2,3-Trichloropropane	NELAP	207		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
1,2,3-Trimethylbenzene		104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
1,2,4-Trichlorobenzene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
1,2,4-Trimethylbenzene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
1,2-Dibromo-3-chloropropane	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
1,2-Dibromoethane	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
1,2-Dichlorobenzene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
1,2-Dichloroethane	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
1,2-Dichloropropane	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
1,3,5-Trimethylbenzene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
1,3-Dichlorobenzene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
1,3-Dichloropropane	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
1,4-Dichlorobenzene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
1-Chlorobutane	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
2,2-Dichloropropane	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
2-Butanone	NELAP	1040		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
2-Chlorotoluene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327

Client: PSC Industrial Outsourcing, LP

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Report Date: 18-Apr-11

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Client Sample ID: P8-E1.2-F (20 ft)

Matrix: SOLID

Collection Date: 04/11/2011 13:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2-Hexanone	NELAP	1040		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
2-Nitropropane	NELAP	1040		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
4-Chlorotoluene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
4-Methyl-2-pentanone	NELAP	1040		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Acetone	NELAP	1040		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Acetonitrile	NELAP	2070		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Acrolein	NELAP	2070		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Acrylonitrile	NELAP	207		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Allyl chloride	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Benzene	NELAP	20.7		1340	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Bromobenzene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Bromochloromethane	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Bromodichloromethane	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Bromoform	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Bromomethane	NELAP	207		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Carbon disulfide	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Carbon tetrachloride	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Chlorobenzene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Chloroethane	NELAP	207		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Chloroform	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Chloromethane	NELAP	207		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
cis-1,2-Dichloroethene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
cis-1,3-Dichloropropene	NELAP	82.9		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Cyclohexanone		2070		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Dibromochloromethane	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Dibromomethane	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Dichlorodifluoromethane	NELAP	207		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Ethyl acetate	NELAP	1040		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Ethyl ether	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Ethyl methacrylate	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Ethylbenzene	NELAP	104		181	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Gasoline Range Organics (OA-1)		20700		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Heptane		414		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Hexachlorobutadiene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Hexachloroethane	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Iodomethane	NELAP	207		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Isopropylbenzene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
m,p-Xylenes	NELAP	104		120	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Methacrylonitrile	NELAP	1040		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Methyl Methacrylate	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Methyl tert-butyl ether	NELAP	41.4		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Methylacrylate		207		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Methylene chloride	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Naphthalene	NELAP	207	J	83	µg/Kg-dry	12.5	04/13/2011 14:04	67327
n-Butylbenzene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
n-Hexane		414		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Nitrobenzene	NELAP	2070		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327

Client: PSC Industrial Outsourcing, LP

Work Order: 11040502

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

Report Date: 18-Apr-11

Lab ID: 11040502-001

Client Sample ID: P8-E1.2-F (20 ft)

Matrix: SOLID

Collection Date: 04/11/2011 13:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
n-Propylbenzene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
o-Xylene	NELAP	104		324	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Pentachloroethane	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
p-Isopropyltoluene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Propionitrile	NELAP	1040		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
sec-Butylbenzene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Styrene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
tert-Butylbenzene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Tetrachloroethene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Tetrahydrofuran	NELAP	1040		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Toluene	NELAP	104		421	µg/Kg-dry	12.5	04/13/2011 14:04	67327
trans-1,2-Dichloroethene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
trans-1,3-Dichloropropene	NELAP	82.9		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
trans-1,4-Dichloro-2-butene	NELAP	207		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Trichloroethene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Trichlorofluoromethane	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Vinyl acetate	NELAP	1040		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Vinyl chloride	NELAP	41.4		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Xylenes, Total	NELAP	104		443	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Surr: 1,2-Dichloroethane-d4		72.2-131		108.3	%REC	12.5	04/13/2011 14:04	67327
Surr: 4-Bromofluorobenzene		82.1-116		106.7	%REC	12.5	04/13/2011 14:04	67327
Surr: Dibromofluoromethane		77.7-120		103.0	%REC	12.5	04/13/2011 14:04	67327
Surr: Toluene-d8		86-116		91.5	%REC	12.5	04/13/2011 14:04	67327

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11040502

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

Report Date: 18-Apr-11

Lab ID: 11040502-002

Client Sample ID: 30984-treated-4/11/11

Matrix: AQUEOUS

Collection Date: 04/11/2011 15:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>STANDARD METHOD 18TH ED. 4500-H B, LABORATORY ANALYZED</b>								
Lab pH	NELAP	1.00		8.43		1	04/12/2011 18:05	R148027
<b>STANDARD METHODS 18TH ED. 2540 D</b>								
Total Suspended Solids	NELAP	6		15	mg/L	1	04/13/2011 9:40	R148051
<b>STANDARD METHODS 18TH ED. 5210 B</b>								
Biochemical Oxygen Demand	NELAP	5		19	mg/L	1	04/13/2011 13:40	67345
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.039		Interference	mg/L	5	04/13/2011 10:40	R148078
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.035		0.214	mg/L	5	04/13/2011 10:40	R148078
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>								
Arsenic	NELAP	0.0250		< 0.0250	mg/L	1	04/13/2011 10:27	67300
Barium	NELAP	0.0050		0.462	mg/L	1	04/13/2011 10:27	67300
Cadmium	NELAP	0.0020		< 0.0020	mg/L	1	04/13/2011 10:27	67300
Chromium	NELAP	0.0100	J	0.0051	mg/L	1	04/13/2011 10:27	67300
Selenium	NELAP	0.0500		< 0.0500	mg/L	1	04/13/2011 10:27	67300
Silver	NELAP	0.0100		< 0.0100	mg/L	1	04/13/2011 10:27	67300
<b>SW-846 3020A, METALS BY GFAA (TOTAL)</b>								
Lead	7421 NELAP	0.0020	J	0.0018	mg/L	1	04/13/2011 11:52	67299
<b>SW-846 7470A (TOTAL)</b>								
Mercury	NELAP	0.00020		< 0.00020	mg/L	1	04/13/2011 9:37	67310
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.00010		0.00018	mg/L	1	04/14/2011 21:20	67363
Acenaphthylene	NELAP	0.00010		0.00025	mg/L	1	04/14/2011 21:20	67363
Anthracene	NELAP	0.00010		ND	mg/L	1	04/14/2011 21:20	67363
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	04/14/2011 21:20	67363
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	04/14/2011 21:20	67363
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	04/14/2011 21:20	67363
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	04/14/2011 21:20	67363
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	04/14/2011 21:20	67363
Chrysene	NELAP	0.00010		ND	mg/L	1	04/14/2011 21:20	67363
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	04/14/2011 21:20	67363
Fluoranthene	NELAP	0.00010		ND	mg/L	1	04/14/2011 21:20	67363
Fluorene	NELAP	0.00010		0.00010	mg/L	1	04/14/2011 21:20	67363
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	04/14/2011 21:20	67363
Naphthalene	NELAP	0.00010		0.0124	mg/L	1	04/14/2011 21:20	67363
Phenanthrene	NELAP	0.00010		0.00013	mg/L	1	04/14/2011 21:20	67363
Pyrene	NELAP	0.00010		ND	mg/L	1	04/14/2011 21:20	67363
Total PNAs except Naphthalene		0.00013		0.00066	mg/L	1	04/14/2011 21:20	67363
Surr: 2-Fluorobiphenyl		34.3-105		68.0	%REC	1	04/14/2011 21:20	67363
Surr: 2-Fluorophenol		19.9-55.7		37.3	%REC	1	04/14/2011 21:20	67363
Surr: Nitrobenzene-d5		43-106		87.6	%REC	1	04/14/2011 21:20	67363
Surr: Phenol-d5		8.95-38.5		23.6	%REC	1	04/14/2011 21:20	67363
Surr: p-Terphenyl-d14		6.05-133		66.8	%REC	1	04/14/2011 21:20	67363
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2.0		39.0	µg/L	1	04/12/2011 21:08	67332
Ethylbenzene	NELAP	5.0	J	2.0	µg/L	1	04/12/2011 21:08	67332



# Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040502

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

**Report Date:** 18-Apr-11

**Lab ID:** 11040502-002

**Client Sample ID:** 30984-treated-4/11/11

**Matrix:** AQUEOUS

**Collection Date:** 04/11/2011 15:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Toluene	NELAP	5.0		15.0	µg/L	1	04/12/2011 21:08	67332
Xylenes, Total	NELAP	5.0		6.8	µg/L	1	04/12/2011 21:08	67332
Surr: 1,2-Dichloroethane-d4		74.7-129		99.8	%REC	1	04/12/2011 21:08	67332
Surr: 4-Bromofluorobenzene		86-119		103.9	%REC	1	04/12/2011 21:08	67332
Surr: Dibromofluoromethane		81.7-123		105.3	%REC	1	04/12/2011 21:08	67332
Surr: Toluene-d8		84.3-114		99.5	%REC	1	04/12/2011 21:08	67332

Client: PSC Industrial Outsourcing, LP

Work Order: 11040502

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

Report Date: 18-Apr-11

Lab ID: 11040502-003

Client Sample ID: 4419-treated-4/12/11

Matrix: AQUEOUS

Collection Date: 04/12/2011 9:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>STANDARD METHOD 18TH ED. 4500-H B, LABORATORY ANALYZED</b>								
Lab pH	NELAP	1.00		<b>8.39</b>		1	04/12/2011 18:05	R148027
<b>STANDARD METHODS 18TH ED. 2540 D</b>								
Total Suspended Solids	NELAP	6		<b>6</b>	mg/L	1	04/13/2011 9:40	R148051
<b>STANDARD METHODS 18TH ED. 5210 B</b>								
Biochemical Oxygen Demand	NELAP	5		<b>18</b>	mg/L	1	04/13/2011 13:40	67345
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.041		<b>Interference</b>	mg/L	5	04/13/2011 10:40	R148078
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.041		<b>0.213</b>	mg/L	5	04/13/2011 10:40	R148078
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>								
Arsenic	NELAP	0.0250		<b>&lt; 0.0250</b>	mg/L	1	04/13/2011 10:43	67300
Barium	NELAP	0.0050		<b>0.424</b>	mg/L	1	04/13/2011 10:43	67300
Cadmium	NELAP	0.0020		<b>&lt; 0.0020</b>	mg/L	1	04/13/2011 10:43	67300
Chromium	NELAP	0.0100	J	<b>0.0074</b>	mg/L	1	04/13/2011 10:43	67300
Selenium	NELAP	0.0500		<b>&lt; 0.0500</b>	mg/L	1	04/13/2011 10:43	67300
Silver	NELAP	0.0100		<b>&lt; 0.0100</b>	mg/L	1	04/13/2011 10:43	67300
<b>SW-846 3020A, METALS BY GFAA (TOTAL)</b>								
Lead	7421 NELAP	0.0020		<b>&lt; 0.0020</b>	mg/L	1	04/13/2011 10:54	67299
<b>SW-846 7470A (TOTAL)</b>								
Mercury	NELAP	0.00020		<b>&lt; 0.00020</b>	mg/L	1	04/13/2011 9:37	67310
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.00010		<b>0.00015</b>	mg/L	1	04/14/2011 21:57	67363
Acenaphthylene	NELAP	0.00010		<b>0.00021</b>	mg/L	1	04/14/2011 21:57	67363
Anthracene	NELAP	0.00010		<b>ND</b>	mg/L	1	04/14/2011 21:57	67363
Benzo(a)anthracene	NELAP	0.00010		<b>ND</b>	mg/L	1	04/14/2011 21:57	67363
Benzo(a)pyrene	NELAP	0.00010		<b>ND</b>	mg/L	1	04/14/2011 21:57	67363
Benzo(b)fluoranthene	NELAP	0.00010		<b>ND</b>	mg/L	1	04/14/2011 21:57	67363
Benzo(g,h,i)perylene	NELAP	0.00010		<b>ND</b>	mg/L	1	04/14/2011 21:57	67363
Benzo(k)fluoranthene	NELAP	0.00010		<b>ND</b>	mg/L	1	04/14/2011 21:57	67363
Chrysene	NELAP	0.00010		<b>ND</b>	mg/L	1	04/14/2011 21:57	67363
Dibenzo(a,h)anthracene	NELAP	0.00010		<b>ND</b>	mg/L	1	04/14/2011 21:57	67363
Fluoranthene	NELAP	0.00010		<b>ND</b>	mg/L	1	04/14/2011 21:57	67363
Fluorene	NELAP	0.00010		<b>ND</b>	mg/L	1	04/14/2011 21:57	67363
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		<b>ND</b>	mg/L	1	04/14/2011 21:57	67363
Naphthalene	NELAP	0.00010		<b>0.00964</b>	mg/L	1	04/14/2011 21:57	67363
Phenanthrene	NELAP	0.00010		<b>0.00011</b>	mg/L	1	04/14/2011 21:57	67363
Pyrene	NELAP	0.00010		<b>ND</b>	mg/L	1	04/14/2011 21:57	67363
Total PNAs except Naphthalene		0.00013		<b>0.00047</b>	mg/L	1	04/14/2011 21:57	67363
Surr: 2-Fluorobiphenyl		34.3-105		<b>71.2</b>	%REC	1	04/14/2011 21:57	67363
Surr: 2-Fluorophenol		19.9-55.7		<b>43.8</b>	%REC	1	04/14/2011 21:57	67363
Surr: Nitrobenzene-d5		43-106		<b>93.6</b>	%REC	1	04/14/2011 21:57	67363
Surr: Phenol-d5		8.95-38.5		<b>27.8</b>	%REC	1	04/14/2011 21:57	67363
Surr: p-Terphenyl-d14		6.05-133		<b>68.2</b>	%REC	1	04/14/2011 21:57	67363
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2.0		<b>27.4</b>	µg/L	1	04/12/2011 21:37	67332
Ethylbenzene	NELAP	5.0	J	<b>1.5</b>	µg/L	1	04/12/2011 21:37	67332



# Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040502

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

**Report Date:** 18-Apr-11

**Lab ID:** 11040502-003

**Client Sample ID:** 4419-treated-4/12/11

**Matrix:** AQUEOUS

**Collection Date:** 04/12/2011 9:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Toluene	NELAP	5.0		<b>10.5</b>	µg/L	1	04/12/2011 21:37	67332
Xylenes, Total	NELAP	5.0	J	<b>4.8</b>	µg/L	1	04/12/2011 21:37	67332
Surr: 1,2-Dichloroethane-d4		74.7-129		<b>99.7</b>	%REC	1	04/12/2011 21:37	67332
Surr: 4-Bromofluorobenzene		86-119		<b>103.7</b>	%REC	1	04/12/2011 21:37	67332
Surr: Dibromofluoromethane		81.7-123		<b>103.8</b>	%REC	1	04/12/2011 21:37	67332
Surr: Toluene-d8		84.3-114		<b>97.1</b>	%REC	1	04/12/2011 21:37	67332



## Sample Summary

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040502

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

**Report Date:** 18-Apr-11

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
11040502-001	P8-E1.2-F (20 ft)	Solid	5	04/11/2011 13:50
11040502-002	30984-treated-4/11/11	Aqueous	5	04/11/2011 15:15
11040502-003	4419-treated-4/12/11	Aqueous	5	04/12/2011 9:00





## Dates Report

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040502

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

**Report Date:** 18-Apr-11

Sample ID	Client Sample ID	Collection Date	Received Date	
	Test Name		Prep Date/Time	Analysis Date/Time
11040502-001A	P8-E1.2-F (20 ft)	04/11/2011 13:50	4/12/2011 2:15:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		04/12/2011 18:10	04/13/2011 12:40
	SW-846 3050B, Metals by GFAA		04/12/2011 18:09	04/13/2011 13:04
	SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID		04/12/2011 19:03	04/13/2011 12:54
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		04/12/2011 19:01	04/13/2011 13:02
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		04/12/2011 19:01	04/13/2011 14:38
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		04/12/2011 19:04	04/13/2011 9:42
	SW-846 7471A		04/13/2011 8:36	04/13/2011 9:37
11040502-001B	P8-E1.2-F (20 ft)	04/11/2011 13:50	4/12/2011 2:15:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			04/12/2011 15:00
	Standard Methods 18th Ed. 2540 G			04/12/2011 15:00
	SW-846 9012A			04/13/2011 10:40
	SW-846 9012A (Total)			04/13/2011 10:40
11040502-001E	P8-E1.2-F (20 ft)	04/11/2011 13:50	4/12/2011 2:15:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			04/13/2011 14:04
11040502-002A	30984-treated-4/11/11	04/11/2011 15:15	4/12/2011 2:15:00 PM	
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		04/14/2011 10:43	04/14/2011 21:20
11040502-002B	30984-treated-4/11/11	04/11/2011 15:15	4/12/2011 2:15:00 PM	
	Standard Method 18th Ed. 4500-H B, Laboratory Analyzed			04/12/2011 18:05
	Standard Methods 18th Ed. 2540 D			04/13/2011 9:40
	Standard Methods 18th Ed. 5210 B		04/13/2011 13:40	04/13/2011 13:40
11040502-002C	30984-treated-4/11/11	04/11/2011 15:15	4/12/2011 2:15:00 PM	
	SW-846 3005A, 6010B, Metals by ICP (Total)		04/12/2011 17:16	04/13/2011 10:27
	SW-846 3020A, Metals by GFAA (Total)		04/12/2011 17:14	04/13/2011 11:52
	SW-846 7470A (Total)		04/13/2011 8:40	04/13/2011 9:37
11040502-002D	30984-treated-4/11/11	04/11/2011 15:15	4/12/2011 2:15:00 PM	
	SW-846 9012A			04/13/2011 10:40
	SW-846 9012A (Total)			04/13/2011 10:40
11040502-002E	30984-treated-4/11/11	04/11/2011 15:15	4/12/2011 2:15:00 PM	
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS			04/12/2011 21:08
11040502-003A	4419-treated-4/12/11	04/12/2011 9:00	4/12/2011 2:15:00 PM	
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		04/14/2011 10:43	04/14/2011 21:57
11040502-003B	4419-treated-4/12/11	04/12/2011 9:00	4/12/2011 2:15:00 PM	
	Standard Method 18th Ed. 4500-H B, Laboratory Analyzed			04/12/2011 18:05
	Standard Methods 18th Ed. 2540 D			04/13/2011 9:40
	Standard Methods 18th Ed. 5210 B		04/13/2011 13:40	04/13/2011 13:40



## Dates Report

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040502

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

**Report Date:** 18-Apr-11

Sample ID	Client Sample ID	Collection Date	Received Date	
	Test Name		Prep Date/Time	Analysis Date/Time
11040502-003C	4419-treated-4/12/11	04/12/2011 9:00	4/12/2011 2:15:00 PM	
	SW-846 3005A, 6010B, Metals by ICP (Total)		04/12/2011 17:16	04/13/2011 10:43
	SW-846 3020A, Metals by GFAA (Total)		04/12/2011 17:14	04/13/2011 10:54
	SW-846 7470A (Total)		04/13/2011 8:40	04/13/2011 9:37
11040502-003D	4419-treated-4/12/11	04/12/2011 9:00	4/12/2011 2:15:00 PM	
	SW-846 9012A			04/13/2011 10:40
	SW-846 9012A (Total)			04/13/2011 10:40
11040502-003E	4419-treated-4/12/11	04/12/2011 9:00	4/12/2011 2:15:00 PM	
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS			04/12/2011 21:37

Client: PSC Industrial Outsourcing, LP

Work Order: 11040502

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

Report Date: 18-Apr-11

### STANDARD METHOD 18TH ED. 4500-H B, LABORATORY ANALYZED

Batch R148027		SampType: LCS		Units						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Lab pH	1.00		7.00	7.00	0	100	99.1	100.9	04/12/2011	

Batch R148027		SampType: DUP		Units				RPD Limit 10		Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Lab pH	1.00		8.46				8.430	0.36	04/12/2011	

### STANDARD METHODS 18TH ED. 2540 D

Batch R148051		SampType: MBLK		Units mg/L						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Suspended Solids	6		< 6						04/13/2011	

Batch R148051		SampType: LCS		Units mg/L						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Suspended Solids	6		97	100	0	97.0	85	115	04/13/2011	
Total Suspended Solids	6		97	100	0	97.0	85	115	04/13/2011	
Total Suspended Solids	6		95	100	0	95.0	85	115	04/13/2011	

Batch R148051		SampType: DUP		Units mg/L				RPD Limit 15		Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Suspended Solids	6		6				6.000	0.00	04/13/2011	

### STANDARD METHODS 18TH ED. 2540 G

Batch R148008		SampType: LCS		Units %						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Solids	0.1		1.0	1.0	0	100	90	110	04/12/2011	

Batch R148008		SampType: LCSQC		Units %						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Solids	0.1		1.0	1.0	0	100	90	110	04/12/2011	

Batch R148008		SampType: DUP		Units %				RPD Limit 15		Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Solids	0.1		88.9				89.09	0.26	04/12/2011	

### STANDARD METHODS 18TH ED. 5210 B

Client: PSC Industrial Outsourcing, LP

Work Order: 11040502

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

Report Date: 18-Apr-11

### STANDARD METHODS 18TH ED. 5210 B

Batch 67345		SampType: LCS		Units mg/L						
SampID: LCS-67345										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Biochemical Oxygen Demand	5		208	198	0	105.1	84.6	115.4	04/13/2011	

Batch 67345		SampType: DUP		Units mg/L						
SampID: 11040502-002B-DUP										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Biochemical Oxygen Demand	5		19				19.00	0.00	04/13/2011	

### SW-846 9012A (TOTAL)

Batch R148078		SampType: MBLK		Units mg/L						
SampID: MB-R148078										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide	0.007		< 0.007						04/13/2011	
Cyanide	0.007		< 0.007						04/13/2011	
Cyanide	0.007		< 0.007						04/13/2011	
Cyanide	0.007		< 0.007						04/13/2011	
Cyanide	0.01		< 0.01						04/13/2011	
Cyanide	0.01		< 0.01						04/13/2011	
Cyanide	0.007		< 0.007						04/13/2011	
Cyanide	0.007		< 0.007						04/13/2011	
Cyanide	0.007		< 0.007						04/13/2011	
Cyanide	0.007		< 0.007						04/13/2011	
Cyanide	0.01		< 0.01						04/13/2011	

Batch R148078		SampType: LCS		Units mg/L						
SampID: LCS-R148078										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide	0.008		0.028	0.025	0	113.8	85	115	04/13/2011	
Cyanide	0.01		0.03	0.02	0	111.2	85	115	04/13/2011	
Cyanide	0.007		0.027	0.025	0	107.5	85	115	04/13/2011	
Cyanide	0.007		0.027	0.025	0	108.9	90	110	04/13/2011	
Cyanide	0.01		0.03	0.02	0	113.0	85	115	04/13/2011	
Cyanide	0.007	S	0.028	0.025	0	112.5	90	110	04/13/2011	
Cyanide	0.007	S	0.028	0.025	0	113.0	90	110	04/13/2011	
Cyanide	0.008	S	0.030	0.025	0	119.6	90	110	04/13/2011	
Cyanide	0.007		0.026	0.025	0	105.4	90	110	04/13/2011	
Cyanide	0.007	S	0.013	0.025	0	53.1	90	110	04/13/2011	
Cyanide	0.007		0.028	0.025	0	112.5	85	115	04/13/2011	
Cyanide	0.008	S	0.030	0.025	0	119.6	85	115	04/13/2011	

Batch R148078		SampType: MS		Units mg/Kg-dry						
SampID: 11040502-001BMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide	0.56		1.85	1.39	0.3919	105.2	75	125	04/13/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040502

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

**Report Date:** 18-Apr-11

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

Batch R148078		SampType: MSD		Units mg/Kg-dry				RPD Limit 15		Date Analyzed
SampID: 11040502-001BMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Cyanide	0.56		1.62	1.40	0.3919	87.6	1.853	13.39	04/13/2011	

**SW-846 3005A, 6010B, METALS BY ICP (TOTAL)**

Batch 67300		SampType: MBLK		Units mg/L						Date Analyzed
SampID: MB-67300										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Arsenic	0.0250		< 0.0250	0.0250	0	0	-100	100	04/13/2011	
Barium	0.0050		< 0.0050	0.0050	0	0	-100	100	04/13/2011	
Cadmium	0.0020		< 0.0020	0.0020	0	0	-100	100	04/13/2011	
Chromium	0.0100		< 0.0100	0.0100	0	0	-100	100	04/13/2011	
Selenium	0.0500		< 0.0500	0.0500	0	0	-100	100	04/13/2011	
Silver	0.0100		< 0.0100	0.0100	0	0	-100	100	04/13/2011	

Batch 67300		SampType: LCS		Units mg/L						Date Analyzed
SampID: LCS-67300										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Arsenic	0.0250		2.00	2.00	0	100	85	115	04/13/2011	
Barium	0.0050		1.97	2.00	0	98.6	85	115	04/13/2011	
Cadmium	0.0020		0.0504	0.0500	0	100.8	85	115	04/13/2011	
Chromium	0.0100		0.213	0.200	0	106.4	85	115	04/13/2011	
Selenium	0.0500		2.01	2.00	0	100.4	85	115	04/13/2011	
Silver	0.0100		0.0558	0.0500	0	111.6	85	115	04/13/2011	

Batch 67300		SampType: MS		Units mg/L						Date Analyzed
SampID: 11040502-002CMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Arsenic	0.0250		1.96	2.00	0	98.2	75	125	04/13/2011	
Barium	0.0050		2.23	2.00	0.4622	88.3	75	125	04/13/2011	
Cadmium	0.0020		0.0473	0.0500	0	94.6	75	125	04/13/2011	
Chromium	0.0100		0.206	0.200	0.005100	100.3	75	125	04/13/2011	
Selenium	0.0500		1.96	2.00	0	98.2	75	125	04/13/2011	
Silver	0.0100		0.0518	0.0500	0	103.6	75	125	04/13/2011	

Batch 67300		SampType: MSD		Units mg/L				RPD Limit 20		Date Analyzed
SampID: 11040502-002CMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Arsenic	0.0250		2.01	2.00	0	100.4	1.963	2.27	04/13/2011	
Barium	0.0050		2.27	2.00	0.4622	90.4	2.229	1.82	04/13/2011	
Cadmium	0.0020		0.0472	0.0500	0	94.4	0.04730	0.21	04/13/2011	
Chromium	0.0100		0.208	0.200	0.005100	101.6	0.2057	1.26	04/13/2011	
Selenium	0.0500		2.01	2.00	0	100.5	1.965	2.21	04/13/2011	
Silver	0.0100		0.0507	0.0500	0	101.4	0.05180	2.15	04/13/2011	

**SW-846 3020A, METALS BY GFAA (TOTAL)**

Client: PSC Industrial Outsourcing, LP

Work Order: 11040502

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

Report Date: 18-Apr-11

### SW-846 3020A, METALS BY GFAA (TOTAL)

Batch 67299		SampType: MBLK		Units mg/L						Date Analyzed
SampID: MB-67299										
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Lead	7421	0.0020		< 0.0020	0.0020	0	0	-100	100	04/13/2011

Batch 67299		SampType: LCS		Units mg/L						Date Analyzed
SampID: LCS-67299										
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Lead	7421	0.0020		0.0152	0.0150	0	101.6	80	120	04/13/2011

Batch 67299		SampType: MS		Units mg/L						Date Analyzed
SampID: 11040502-003CMS										
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Lead	7421	0.0020		0.0160	0.0150	0	106.9	70	130	04/13/2011

Batch 67299		SampType: MSD		Units mg/L				RPD Limit 20		Date Analyzed
SampID: 11040502-003CMSD										
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Lead	7421	0.0020		0.0142	0.0150	0	94.7	0.01603	12.11	04/13/2011

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

Batch 67302		SampType: MBLK		Units mg/Kg-dry						Date Analyzed
SampID: MB-67302										
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Arsenic		2.50		< 2.50	2.50	0	0	-100	100	04/13/2011
Barium		0.50		< 0.50	0.50	0	0	-100	100	04/13/2011
Cadmium		0.20		< 0.20	0.20	0	0	-100	100	04/13/2011
Chromium		1.00		< 1.00	1.00	0	0	-100	100	04/13/2011
Lead		4.00		< 4.00	4.00	0	0	-100	100	04/13/2011
Silver		0.55		< 0.55	0.55	0	0	-100	100	04/13/2011

Batch 67302		SampType: LCS		Units mg/Kg-dry						Date Analyzed
SampID: LCS-67302										
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Arsenic		2.50		205	200	0	102.4	85	115	04/13/2011
Barium		0.50		201	200	0	100.5	85	115	04/13/2011
Cadmium		0.20		5.11	5.00	0	102.2	85	115	04/13/2011
Chromium		1.00		22.5	20.0	0	112.4	85	115	04/13/2011
Lead		4.00		53.8	50.0	0	107.6	85	115	04/13/2011
Silver		0.55		5.31	5.00	0	106.2	85	115	04/13/2011

Batch 67302		SampType: MS		Units mg/Kg-dry						Date Analyzed
SampID: 11040502-001AMS										
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Arsenic		2.40		202	192	7.356	101.2	75	125	04/13/2011
Barium		0.48		190	192	18.10	89.2	75	125	04/13/2011
Cadmium		0.19		4.50	4.81	0	93.6	75	125	04/13/2011

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040502

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

**Report Date:** 18-Apr-11

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

Batch 67302		SampType: MS		Units mg/Kg-dry						Date Analyzed
SampID: 11040502-001AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Chromium	0.96		<b>38.7</b>	19.2	17.66	109.2	75	125	04/13/2011	
Lead	3.85		<b>57.7</b>	48.1	12.08	94.9	75	125	04/13/2011	
Silver	0.53		<b>5.38</b>	4.81	0.7788	95.8	75	125	04/13/2011	

Batch 67302		SampType: MSD		Units mg/Kg-dry				RPD Limit 20		Date Analyzed
SampID: 11040502-001AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Arsenic	2.40		<b>201</b>	192	7.356	100.7	202.0	0.52	04/13/2011	
Barium	0.48		<b>189</b>	192	18.10	88.7	189.7	0.51	04/13/2011	
Cadmium	0.19		<b>4.44</b>	4.81	0	92.4	4.500	1.29	04/13/2011	
Chromium	0.96		<b>38.9</b>	19.2	17.66	110.6	38.66	0.67	04/13/2011	
Lead	3.85		<b>56.4</b>	48.1	12.08	92.3	57.68	2.19	04/13/2011	
Silver	0.53		<b>5.20</b>	4.81	0.7788	92.0	5.385	3.45	04/13/2011	

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

Batch 67301		SampType: MBLK		Units mg/Kg-dry						Date Analyzed
SampID: MB-67301										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Selenium	7740	0.600	<b>&lt; 0.600</b>	0.600	0	0	-100	100	04/13/2011	

Batch 67301		SampType: LCS		Units mg/Kg-dry						Date Analyzed
SampID: LCS-67301										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Selenium	7740	0.600	<b>2.86</b>	3.00	0	95.3	80	120	04/13/2011	

Batch 67301		SampType: MS		Units mg/Kg-dry						Date Analyzed
SampID: 11040502-001AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Selenium	7740	0.588	<b>2.46</b>	2.94	0	83.5	70	130	04/13/2011	

Batch 67301		SampType: MSD		Units mg/Kg-dry				RPD Limit 20		Date Analyzed
SampID: 11040502-001AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Selenium	7740	0.588	<b>2.68</b>	2.94	0	91.0	2.456	8.58	04/13/2011	

### SW-846 7470A (TOTAL)

Batch 67310		SampType: MBLK		Units mg/L						Date Analyzed
SampID: MB-67310										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury	0.00020		<b>&lt; 0.00020</b>	0.00020	0	0	-100	100	04/13/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11040502

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

Report Date: 18-Apr-11

### SW-846 7470A (TOTAL)

Batch 67310		SampType: LCS		Units mg/L					
SampID: LCS-67310									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury	0.00020		<b>0.00509</b>	0.00500	0	101.8	85	115	04/13/2011

Batch 67310		SampType: MS		Units mg/L					
SampID: 11040502-002CMS									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury	0.00020		<b>0.00480</b>	0.00500	0	96.0	75	125	04/13/2011

Batch 67310		SampType: MSD		Units mg/L		RPD Limit 15			
SampID: 11040502-002CMSD									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury	0.00020		<b>0.00487</b>	0.00500	0	97.4	0.004800	1.45	04/13/2011

### SW-846 7471A

Batch 67279		SampType: MBLK		Units mg/Kg					
SampID: MB-67279									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury	0.010		< <b>0.010</b>	0.010	0	0	-100	100	04/13/2011

Batch 67279		SampType: LCS		Units mg/Kg					
SampID: LCS-67279									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury	0.010		<b>0.240</b>	0.250	0	96.0	85	115	04/13/2011

Batch 67279		SampType: MS		Units mg/Kg-dry					
SampID: 11040502-001AMS									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Mercury	0.011		<b>0.335</b>	0.274	0	122.4	75	125	04/13/2011

Batch 67279		SampType: MSD		Units mg/Kg-dry		RPD Limit 15			
SampID: 11040502-001AMSD									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Mercury	0.011		<b>0.326</b>	0.274	0	119.2	0.3351	2.65	04/13/2011

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

Batch 67307		SampType: MBLK		Units mg/L					
SampID: MB-67307									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene	0.00010		<b>ND</b>						04/13/2011
Acenaphthylene	0.00010		<b>ND</b>						04/13/2011
Anthracene	0.00010		<b>ND</b>						04/13/2011
Benzo(a)anthracene	0.00010		<b>ND</b>						04/13/2011
Benzo(a)pyrene	0.00010		<b>ND</b>						04/13/2011
Benzo(b)fluoranthene	0.00010		<b>ND</b>						04/13/2011



Client: PSC Industrial Outsourcing, LP

Work Order: 11040502

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

Report Date: 18-Apr-11

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

Batch 67307		SampType: MBLK		Units mg/L						
SampID: MB-67307										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Benzo(g,h,i)perylene	0.00010		ND						04/13/2011	
Benzo(k)fluoranthene	0.00010		ND						04/13/2011	
Chrysene	0.00010		ND						04/13/2011	
Dibenzo(a,h)anthracene	0.00010		ND						04/13/2011	
Fluoranthene	0.00010		ND						04/13/2011	
Fluorene	0.00010		ND						04/13/2011	
Indeno(1,2,3-cd)pyrene	0.00010		ND						04/13/2011	
Naphthalene	0.00010		ND						04/13/2011	
Phenanthrene	0.00010		ND						04/13/2011	
Pyrene	0.00010		ND						04/13/2011	
Surr: 2-Fluorobiphenyl			0.00396	0.00500		79.2	45.4	97.6	04/13/2011	
Surr: 2-Fluorophenol			0.00593	0.0100		59.3	24.9	63.7	04/13/2011	
Surr: Nitrobenzene-d5			0.00487	0.00500		97.4	45.2	108	04/13/2011	
Surr: Phenol-d5			0.00347	0.0100		34.7	15.5	39.5	04/13/2011	
Surr: p-Terphenyl-d14			0.00456	0.00500		91.2	45.5	118	04/13/2011	

Batch 67307		SampType: LCS		Units mg/L						
SampID: LCS-67307										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.00010	S	0.00523	0.00500	0	104.6	50.1	103	04/13/2011	
Acenaphthylene	0.00010		0.00528	0.00500	0	105.6	53.3	122	04/13/2011	
Anthracene	0.00010		0.00512	0.00500	0	102.4	57.4	110	04/13/2011	
Benzo(a)anthracene	0.00010	S	0.00512	0.00500	0	102.4	56	102	04/13/2011	
Benzo(a)pyrene	0.00010		0.00582	0.00500	0	116.4	55.4	125	04/13/2011	
Benzo(b)fluoranthene	0.00010		0.00572	0.00500	0	114.4	59.3	127	04/13/2011	
Benzo(g,h,i)perylene	0.00010		0.00606	0.00500	0	121.2	58.4	125	04/13/2011	
Benzo(k)fluoranthene	0.00010		0.00545	0.00500	0	109.0	61.5	125	04/13/2011	
Chrysene	0.00010		0.00534	0.00500	0	106.8	58.7	118	04/13/2011	
Dibenzo(a,h)anthracene	0.00010		0.00602	0.00500	0	120.4	59.3	126	04/13/2011	
Fluoranthene	0.00010		0.00550	0.00500	0	110.0	60.1	117	04/13/2011	
Fluorene	0.00010		0.00528	0.00500	0	105.6	54.1	110	04/13/2011	
Indeno(1,2,3-cd)pyrene	0.00010		0.00598	0.00500	0	119.6	58.1	123	04/13/2011	
Naphthalene	0.00010	S	0.00487	0.00500	0	97.4	36.3	97.1	04/13/2011	
Phenanthrene	0.00010		0.00517	0.00500	0	103.4	55.9	107	04/13/2011	
Pyrene	0.00010		0.00550	0.00500	0	110.0	61.4	116	04/13/2011	
Surr: 2-Fluorobiphenyl			0.00351	0.00500		70.2	45.4	97.6	04/13/2011	
Surr: 2-Fluorophenol			0.00521	0.0100		52.1	24.9	63.7	04/13/2011	
Surr: Nitrobenzene-d5			0.00449	0.00500		89.8	45.2	108	04/13/2011	
Surr: Phenol-d5			0.00326	0.0100		32.6	15.5	39.5	04/13/2011	
Surr: p-Terphenyl-d14			0.00408	0.00500		81.6	45.5	118	04/13/2011	

Batch 67307		SampType: LCSD		Units mg/L				RPD Limit 50		Date Analyzed
SampID: LCSD-67307										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Acenaphthene	0.00010	S	0.00536	0.00500	0	107.2	0.005230	2.46	04/13/2011	
Acenaphthylene	0.00010		0.00537	0.00500	0	107.4	0.005280	1.69	04/13/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040502

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

**Report Date:** 18-Apr-11

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

Batch 67307		SampType: LCSD		Units mg/L				RPD Limit 50		Date Analyzed
SampID: LCSD-67307										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Anthracene	0.00010		<b>0.00523</b>	0.00500	0	104.6	0.005120	2.13	04/13/2011	
Benzo(a)anthracene	0.00010	S	<b>0.00524</b>	0.00500	0	104.8	0.005120	2.32	04/13/2011	
Benzo(a)pyrene	0.00010		<b>0.00602</b>	0.00500	0	120.4	0.005820	3.38	04/13/2011	
Benzo(b)fluoranthene	0.00010		<b>0.00585</b>	0.00500	0	117.0	0.005720	2.25	04/13/2011	
Benzo(g,h,i)perylene	0.00010		<b>0.00622</b>	0.00500	0	124.4	0.006060	2.61	04/13/2011	
Benzo(k)fluoranthene	0.00010		<b>0.00534</b>	0.00500	0	106.8	0.005450	2.04	04/13/2011	
Chrysene	0.00010		<b>0.00555</b>	0.00500	0	111.0	0.005340	3.86	04/13/2011	
Dibenzo(a,h)anthracene	0.00010		<b>0.00623</b>	0.00500	0	124.6	0.006020	3.43	04/13/2011	
Fluoranthene	0.00010		<b>0.00554</b>	0.00500	0	110.8	0.005500	0.72	04/13/2011	
Fluorene	0.00010		<b>0.00543</b>	0.00500	0	108.6	0.005280	2.80	04/13/2011	
Indeno(1,2,3-cd)pyrene	0.00010	S	<b>0.00620</b>	0.00500	0	124.0	0.005980	3.61	04/13/2011	
Naphthalene	0.00010	S	<b>0.00503</b>	0.00500	0	100.6	0.004870	3.23	04/13/2011	
Phenanthrene	0.00010	S	<b>0.00538</b>	0.00500	0	107.6	0.005170	3.98	04/13/2011	
Pyrene	0.00010		<b>0.00559</b>	0.00500	0	111.8	0.005500	1.62	04/13/2011	
Surr: 2-Fluorobiphenyl			<b>0.00353</b>	0.00500		70.6			04/13/2011	
Surr: 2-Fluorophenol			<b>0.00550</b>	0.0100		55.0			04/13/2011	
Surr: Nitrobenzene-d5			<b>0.00456</b>	0.00500		91.2			04/13/2011	
Surr: Phenol-d5			<b>0.00340</b>	0.0100		34.0			04/13/2011	
Surr: p-Terphenyl-d14			<b>0.00415</b>	0.00500		83.0			04/13/2011	

Batch 67363		SampType: MBLK		Units mg/L						Date Analyzed
SampID: MB-67363										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.00010		<b>ND</b>						04/14/2011	
Acenaphthylene	0.00010		<b>ND</b>						04/14/2011	
Anthracene	0.00010		<b>ND</b>						04/14/2011	
Benzo(a)anthracene	0.00010		<b>ND</b>						04/14/2011	
Benzo(a)pyrene	0.00010		<b>ND</b>						04/14/2011	
Benzo(b)fluoranthene	0.00010		<b>ND</b>						04/14/2011	
Benzo(g,h,i)perylene	0.00010		<b>ND</b>						04/14/2011	
Benzo(k)fluoranthene	0.00010		<b>ND</b>						04/14/2011	
Chrysene	0.00010		<b>ND</b>						04/14/2011	
Dibenzo(a,h)anthracene	0.00010		<b>ND</b>						04/14/2011	
Fluoranthene	0.00010		<b>ND</b>						04/14/2011	
Fluorene	0.00010		<b>ND</b>						04/14/2011	
Indeno(1,2,3-cd)pyrene	0.00010		<b>ND</b>						04/14/2011	
Naphthalene	0.00010		<b>ND</b>						04/14/2011	
Phenanthrene	0.00010		<b>ND</b>						04/14/2011	
Pyrene	0.00010		<b>ND</b>						04/14/2011	
Surr: 2-Fluorobiphenyl			<b>0.00335</b>	0.00500		67.0	45.4	97.6	04/14/2011	
Surr: 2-Fluorophenol			<b>0.00396</b>	0.0100		39.6	24.9	63.7	04/14/2011	
Surr: Nitrobenzene-d5			<b>0.00428</b>	0.00500		85.6	45.2	108	04/14/2011	
Surr: Phenol-d5			<b>0.00258</b>	0.0100		25.8	15.5	39.5	04/14/2011	
Surr: p-Terphenyl-d14			<b>0.00312</b>	0.00500		62.4	45.5	118	04/14/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11040502

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

Report Date: 18-Apr-11

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

Batch 67363		SampType: LCS		Units mg/L					
SampID: LCS-67363									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene	0.00010		<b>0.00388</b>	0.00500	0	77.6	50.1	103	04/14/2011
Acenaphthylene	0.00010		<b>0.00390</b>	0.00500	0	78.0	53.3	122	04/14/2011
Anthracene	0.00010		<b>0.00364</b>	0.00500	0	72.8	57.4	110	04/14/2011
Benzo(a)anthracene	0.00010		<b>0.00357</b>	0.00500	0	71.4	56	102	04/14/2011
Benzo(a)pyrene	0.00010		<b>0.00377</b>	0.00500	0	75.4	55.4	125	04/14/2011
Benzo(b)fluoranthene	0.00010		<b>0.00375</b>	0.00500	0	75.0	59.3	127	04/14/2011
Benzo(g,h,i)perylene	0.00010		<b>0.00369</b>	0.00500	0	73.8	58.4	125	04/14/2011
Benzo(k)fluoranthene	0.00010		<b>0.00359</b>	0.00500	0	71.8	61.5	125	04/14/2011
Chrysene	0.00010		<b>0.00371</b>	0.00500	0	74.2	58.7	118	04/14/2011
Dibenzo(a,h)anthracene	0.00010		<b>0.00377</b>	0.00500	0	75.4	59.3	126	04/14/2011
Fluoranthene	0.00010		<b>0.00394</b>	0.00500	0	78.8	60.1	117	04/14/2011
Fluorene	0.00010		<b>0.00386</b>	0.00500	0	77.2	54.1	110	04/14/2011
Indeno(1,2,3-cd)pyrene	0.00010		<b>0.00373</b>	0.00500	0	74.6	58.1	123	04/14/2011
Naphthalene	0.00010		<b>0.00374</b>	0.00500	0	74.8	36.3	97.1	04/14/2011
Phenanthrene	0.00010		<b>0.00390</b>	0.00500	0	78.0	55.9	107	04/14/2011
Pyrene	0.00010		<b>0.00398</b>	0.00500	0	79.6	61.4	116	04/14/2011
Surr: 2-Fluorobiphenyl			<b>0.00331</b>	0.00500		66.2	45.4	97.6	04/14/2011
Surr: 2-Fluorophenol			<b>0.00363</b>	0.0100		36.3	24.9	63.7	04/14/2011
Surr: Nitrobenzene-d5			<b>0.00410</b>	0.00500		82.0	45.2	108	04/14/2011
Surr: Phenol-d5			<b>0.00251</b>	0.0100		25.1	15.5	39.5	04/14/2011
Surr: p-Terphenyl-d14			<b>0.00269</b>	0.00500		53.8	45.5	118	04/14/2011

Batch 67363		SampType: LCSD		Units mg/L		RPD Limit 50			
SampID: LCSD-67363									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene	0.00010		<b>0.00402</b>	0.00500	0	80.4	0.003880	3.54	04/14/2011
Acenaphthylene	0.00010		<b>0.00406</b>	0.00500	0	81.2	0.003900	4.02	04/14/2011
Anthracene	0.00010		<b>0.00380</b>	0.00500	0	76.0	0.003640	4.30	04/14/2011
Benzo(a)anthracene	0.00010		<b>0.00408</b>	0.00500	0	81.6	0.003570	13.33	04/14/2011
Benzo(a)pyrene	0.00010		<b>0.00449</b>	0.00500	0	89.8	0.003770	17.43	04/14/2011
Benzo(b)fluoranthene	0.00010		<b>0.00443</b>	0.00500	0	88.6	0.003750	16.63	04/14/2011
Benzo(g,h,i)perylene	0.00010		<b>0.00454</b>	0.00500	0	90.8	0.003690	20.66	04/14/2011
Benzo(k)fluoranthene	0.00010		<b>0.00442</b>	0.00500	0	88.4	0.003590	20.72	04/14/2011
Chrysene	0.00010		<b>0.00426</b>	0.00500	0	85.2	0.003710	13.80	04/14/2011
Dibenzo(a,h)anthracene	0.00010		<b>0.00457</b>	0.00500	0	91.4	0.003770	19.18	04/14/2011
Fluoranthene	0.00010		<b>0.00430</b>	0.00500	0	86.0	0.003940	8.74	04/14/2011
Fluorene	0.00010		<b>0.00407</b>	0.00500	0	81.4	0.003860	5.30	04/14/2011
Indeno(1,2,3-cd)pyrene	0.00010		<b>0.00454</b>	0.00500	0	90.8	0.003730	19.59	04/14/2011
Naphthalene	0.00010		<b>0.00385</b>	0.00500	0	77.0	0.003740	2.90	04/14/2011
Phenanthrene	0.00010		<b>0.00408</b>	0.00500	0	81.6	0.003900	4.51	04/14/2011
Pyrene	0.00010		<b>0.00429</b>	0.00500	0	85.8	0.003980	7.50	04/14/2011
Surr: 2-Fluorobiphenyl			<b>0.00394</b>	0.00500		78.8			04/14/2011
Surr: 2-Fluorophenol			<b>0.00428</b>	0.0100		42.8			04/14/2011
Surr: Nitrobenzene-d5			<b>0.00438</b>	0.00500		87.6			04/14/2011
Surr: Phenol-d5			<b>0.00289</b>	0.0100		28.9			04/14/2011
Surr: p-Terphenyl-d14			<b>0.00353</b>	0.00500		70.6			04/14/2011

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040502

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

**Report Date:** 18-Apr-11

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

Batch 67304		SampType: MBLK		Units mg/Kg						
SampID: MB-67304										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Diesel	5.00		ND						04/13/2011	
Kerosene	5.00		ND						04/13/2011	
Mineral Spirits	5.00		ND						04/13/2011	
Motor Oil	5.00		ND						04/13/2011	
Surr: n-Tetracontane			0.51	0.67		76.5	54.8	128	04/13/2011	

Batch 67304		SampType: LCS		Units mg/Kg						
SampID: LCS-67304										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Diesel	5.00		13.8	16.7	0	82.8	40.4	121	04/13/2011	
Surr: n-Tetracontane			0.53	0.67		78.6	54.8	128	04/13/2011	

Batch 67304		SampType: MS		Units mg/Kg-dry						
SampID: 11040502-001AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Diesel	5.64		24.7	18.8	12.32	66.0	20.3	167	04/13/2011	
Surr: n-Tetracontane			0.59	0.76		77.8	53.9	153	04/13/2011	

Batch 67304		SampType: MSD		Units mg/Kg-dry						
SampID: 11040502-001AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Diesel	5.66		24.1	18.9	12.32	62.2	24.75	2.73	04/13/2011	
Surr: n-Tetracontane			0.60	0.76		79.6			04/13/2011	

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

Batch 67277		SampType: MBLK		Units %REC						
SampID: MB-67277										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: 2-Fluorobiphenyl			0.656	0.835		78.6	46.3	106	04/12/2011	

Batch 67277		SampType: LCS		Units %REC						
SampID: LCS-67277										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: 2-Fluorobiphenyl			0.575	0.835		68.9	46.3	106	04/12/2011	

Batch 67277		SampType: LCS		Units %REC						
SampID: LCSDRO-67277										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: 2-Fluorobiphenyl			0.653	0.835		78.2	46.3	106	04/12/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040502

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

**Report Date:** 18-Apr-11

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

Batch 67303		SampType: MBLK		Units mg/Kg						Date Analyzed
SampID: MB-67303										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Acenaphthene	0.003		ND						04/13/2011	
Acenaphthylene	0.003		ND						04/13/2011	
Anthracene	0.003		ND						04/13/2011	
Benzo(a)anthracene	0.003		ND						04/13/2011	
Benzo(a)pyrene	0.003		ND						04/13/2011	
Benzo(b)fluoranthene	0.003		ND						04/13/2011	
Benzo(g,h,i)perylene	0.003		ND						04/13/2011	
Benzo(k)fluoranthene	0.003		ND						04/13/2011	
Bis(2-ethylhexyl)phthalate	0.067		ND						04/13/2011	
Chrysene	0.003		ND						04/13/2011	
Dibenzo(a,h)anthracene	0.003		ND						04/13/2011	
Fluoranthene	0.003		ND						04/13/2011	
Fluorene	0.003		ND						04/13/2011	
Indeno(1,2,3-cd)pyrene	0.003		ND						04/13/2011	
Naphthalene	0.003		ND						04/13/2011	
Phenanthrene	0.003		ND						04/13/2011	
Pyrene	0.003		ND						04/13/2011	
Surr: 2-Fluorobiphenyl			0.136	0.167		81.2	45.7	89.2	04/13/2011	
Surr: Nitrobenzene-d5			0.152	0.167		91.0	31.4	100	04/13/2011	
Surr: p-Terphenyl-d14			0.149	0.167		89.4	53.3	124	04/13/2011	

Batch 67303		SampType: LCS		Units mg/Kg						Date Analyzed
SampID: LCS-67303										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Acenaphthene	0.003	S	0.195	0.167	0	117.0	56.3	115	04/13/2011	
Acenaphthylene	0.003		0.193	0.167	0	115.6	60.3	143	04/13/2011	
Anthracene	0.003		0.180	0.167	0	108.0	52.1	109	04/13/2011	
Benzo(a)anthracene	0.003		0.185	0.167	0	110.8	52.8	112	04/13/2011	
Benzo(a)pyrene	0.003		0.203	0.167	0	121.6	40.8	127	04/13/2011	
Benzo(b)fluoranthene	0.003		0.215	0.167	0	128.5	50.1	150	04/13/2011	
Benzo(g,h,i)perylene	0.003		0.226	0.167	0	135.5	52.8	145	04/13/2011	
Benzo(k)fluoranthene	0.003		0.211	0.167	0	126.1	52	153	04/13/2011	
Bis(2-ethylhexyl)phthalate	0.067		0.250	0.167	0	149.9	50	150	04/13/2011	
Chrysene	0.003		0.197	0.167	0	118.0	60.8	128	04/13/2011	
Dibenzo(a,h)anthracene	0.003		0.229	0.167	0	137.1	54.9	150	04/13/2011	
Fluoranthene	0.003		0.201	0.167	0	120.4	58.7	125	04/13/2011	
Fluorene	0.003		0.192	0.167	0	115.2	57.8	125	04/13/2011	
Indeno(1,2,3-cd)pyrene	0.003		0.227	0.167	0	135.7	52	147	04/13/2011	
Naphthalene	0.003		0.179	0.167	0	107.2	54.8	113	04/13/2011	
Phenanthrene	0.003		0.192	0.167	0	115.2	60.4	121	04/13/2011	
Pyrene	0.003		0.203	0.167	0	121.8	57.9	129	04/13/2011	
Surr: 2-Fluorobiphenyl			0.133	0.167		79.6	45.7	89.2	04/13/2011	
Surr: Nitrobenzene-d5			0.145	0.167		86.6	31.4	100	04/13/2011	
Surr: p-Terphenyl-d14			0.150	0.167		89.8	53.3	124	04/13/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11040502

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

Report Date: 18-Apr-11

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

Batch 67303		SampType: MS		Units mg/Kg-dry						Date Analyzed
SampID: 11040502-001AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Acenaphthene	0.004		0.233	0.186	0.03839	104.8	36	135	04/13/2011	
Acenaphthylene	0.004		0.274	0.186	0.1306	77.5	17.2	167	04/13/2011	
Anthracene	0.004		0.204	0.186	0.01731	100.8	39.3	124	04/13/2011	
Benzo(a)anthracene	0.004		0.206	0.186	0.01506	102.9	10	183	04/13/2011	
Benzo(a)pyrene	0.004		0.221	0.186	0.01129	113.3	10	204	04/13/2011	
Benzo(b)fluoranthene	0.004		0.225	0.186	0.009410	116.1	10.6	178	04/13/2011	
Benzo(g,h,i)perylene	0.004		0.234	0.186	0.007152	122.5	10	168	04/13/2011	
Benzo(k)fluoranthene	0.004		0.193	0.186	0	103.8	27.6	181	04/13/2011	
Bis(2-ethylhexyl)phthalate	0.074		0.253	0.186	0	136.5	50	150	04/13/2011	
Chrysene	0.004		0.208	0.186	0.01242	105.7	10	176	04/13/2011	
Dibenzo(a,h)anthracene	0.004		0.224	0.186	0	120.8	12.2	156	04/13/2011	
Fluoranthene	0.004		0.239	0.186	0.02371	116.0	10	227	04/13/2011	
Fluorene	0.004		0.227	0.186	0.03802	101.9	35.2	148	04/13/2011	
Indeno(1,2,3-cd)pyrene	0.004		0.227	0.186	0.003764	120.5	10	164	04/13/2011	
Naphthalene	0.019	S	1.34	0.186	2.300	-518.5	14.7	128	04/13/2011	
Phenanthrene	0.004		0.305	0.186	0.07001	126.7	32.8	143	04/13/2011	
Pyrene	0.004		0.270	0.186	0.03764	125.2	10	180	04/13/2011	
Surr: 2-Fluorobiphenyl			0.121	0.186		65.3	10	131	04/13/2011	
Surr: Nitrobenzene-d5			0.140	0.186		75.2	10	132	04/13/2011	
Surr: p-Terphenyl-d14			0.148	0.186		80.0	30.6	131	04/13/2011	

Batch 67303		SampType: MSD		Units mg/Kg-dry				RPD Limit 49.7		Date Analyzed
SampID: 11040502-001AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Acenaphthene	0.004		0.288	0.187	0.03839	133.4	0.2329	21.17	04/13/2011	
Acenaphthylene	0.004		0.319	0.187	0.1306	100.5	0.2743	14.94	04/13/2011	
Anthracene	0.004	S	0.250	0.187	0.01731	124.1	0.2044	19.90	04/13/2011	
Benzo(a)anthracene	0.004		0.230	0.187	0.01506	114.7	0.2058	10.97	04/13/2011	
Benzo(a)pyrene	0.004		0.246	0.187	0.01129	125.5	0.2214	10.60	04/13/2011	
Benzo(b)fluoranthene	0.004		0.242	0.187	0.009410	124.3	0.2247	7.43	04/13/2011	
Benzo(g,h,i)perylene	0.004		0.241	0.187	0.007152	124.7	0.2343	2.62	04/13/2011	
Benzo(k)fluoranthene	0.004		0.196	0.187	0	105.0	0.1925	2.04	04/13/2011	
Bis(2-ethylhexyl)phthalate	0.075		0.244	0.187	0	130.5	0.2532	3.59	04/13/2011	
Chrysene	0.004		0.232	0.187	0.01242	117.3	0.2084	10.69	04/13/2011	
Dibenzo(a,h)anthracene	0.004		0.222	0.187	0	118.8	0.2240	0.77	04/13/2011	
Fluoranthene	0.004		0.288	0.187	0.02371	141.2	0.2388	18.68	04/13/2011	
Fluorene	0.004	S	0.324	0.187	0.03802	152.9	0.2269	35.30	04/13/2011	
Indeno(1,2,3-cd)pyrene	0.004		0.233	0.187	0.003764	122.3	0.2273	2.35	04/13/2011	
Naphthalene	0.019	S	1.89	0.187	2.300	-217.0	1.338	34.37	04/13/2011	
Phenanthrene	0.004	SR	0.478	0.187	0.07001	218.1	0.3050	44.20	04/13/2011	
Pyrene	0.004		0.354	0.187	0.03764	168.9	0.2699	26.89	04/13/2011	
Surr: 2-Fluorobiphenyl			0.123	0.187		65.9			04/13/2011	
Surr: Nitrobenzene-d5			0.142	0.187		75.8			04/13/2011	
Surr: p-Terphenyl-d14			0.144	0.187		77.0			04/13/2011	

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040502

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

**Report Date:** 18-Apr-11

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

**Batch 67277**      **SampType: MBLK**      **Units mg/Kg**

SampID: MB-67277

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
1,2,4-Trichlorobenzene	0.500		ND						04/13/2011
1,2-Dichlorobenzene	0.500		ND						04/13/2011
1,3-Dichlorobenzene	0.500		ND						04/13/2011
1,4-Dichlorobenzene	0.500		ND						04/13/2011
2,4,5-Trichlorophenol	0.350		ND						04/13/2011
2,4,6-Trichlorophenol	0.350		ND						04/13/2011
2,4-Dichlorophenol	0.500		ND						04/13/2011
2,4-Dimethylphenol	0.500		ND						04/13/2011
2,4-Dinitrophenol	1.00		ND						04/13/2011
2,4-Dinitrotoluene	0.350		ND						04/13/2011
2,6-Dinitrotoluene	0.350		ND						04/13/2011
2-Chloronaphthalene	0.350		ND						04/13/2011
2-Chlorophenol	0.500		ND						04/13/2011
2-Methoxy-4-methylphenol	0.650		ND						04/13/2011
2-Methylnaphthalene	0.350		ND						04/13/2011
2-Nitroaniline	1.00		ND						04/13/2011
2-Nitrophenol	0.350		ND						04/13/2011
3,3'-Dichlorobenzidine	0.350		ND						04/13/2011
3-Nitroaniline	1.00		ND						04/13/2011
4,6-Dinitro-2-methylphenol	1.00		ND						04/13/2011
4-Bromophenyl phenyl ether	0.350		ND						04/13/2011
4-Chloro-3-methylphenol	0.500		ND						04/13/2011
4-Chloroaniline	0.500		ND						04/13/2011
4-Chlorophenyl phenyl ether	0.350		ND						04/13/2011
4-Nitroaniline	0.500		ND						04/13/2011
4-Nitrophenol	0.350		ND						04/13/2011
Aniline	0.500		ND						04/13/2011
Azobenzene	0.350		ND						04/13/2011
Benzidine	1.06		ND						04/13/2011
Benzoic acid	1.50		ND						04/13/2011
Benzyl alcohol	0.500		ND						04/13/2011
Bis(2-chloroethoxy)methane	0.350		ND						04/13/2011
Bis(2-chloroethyl)ether	0.500		ND						04/13/2011
Bis(2-chloroisopropyl)ether	0.350		ND						04/13/2011
Butyl benzyl phthalate	0.350		ND						04/13/2011
Carbazole	0.500		ND						04/13/2011
Dibenzofuran	0.350		ND						04/13/2011
Diethyl phthalate	0.500		ND						04/13/2011
Dimethyl phthalate	0.350		ND						04/13/2011
Di-n-butyl phthalate	0.350		ND						04/13/2011
Di-n-octyl phthalate	0.350		ND						04/13/2011
Hexachlorobenzene	0.350		ND						04/13/2011
Hexachlorobutadiene	0.500		ND						04/13/2011
Hexachlorocyclopentadiene	0.350		ND						04/13/2011
Hexachloroethane	0.500		ND						04/13/2011
Isophorone	0.350		ND						04/13/2011
m,p-Cresol	0.500		ND						04/13/2011

Client: PSC Industrial Outsourcing, LP

Work Order: 11040502

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

Report Date: 18-Apr-11

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

Batch 67277		SampType: MBLK		Units mg/Kg						
SampID: MB-67277										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrobenzene	0.500		ND						04/13/2011	
N-Nitrosodimethylamine	0.500		ND						04/13/2011	
N-Nitroso-di-n-propylamine	0.500		ND						04/13/2011	
N-Nitrosodiphenylamine	0.500		ND						04/13/2011	
o-Cresol	0.500		ND						04/13/2011	
Pentachlorophenol	2.00		ND						04/13/2011	
Phenol	0.350		ND						04/13/2011	
Pyridine	0.500		ND						04/13/2011	
1,2-Diphenylhydrazine	0.840		ND						04/13/2011	
Surr: 2,4,6-Tribromophenol			1.82	1.67		109.3	52.1	113	04/13/2011	
Surr: 2-Fluorobiphenyl			0.834	0.835		99.9	46.3	106	04/13/2011	
Surr: 2-Fluorophenol			1.31	1.67		78.2	50.6	89	04/13/2011	
Surr: Nitrobenzene-d5			0.632	0.835		75.7	42.4	99.2	04/12/2011	
Surr: Nitrobenzene-d5			0.681	0.835		81.6	42.4	99.2	04/13/2011	
Surr: Phenol-d5			1.33	1.67		79.5	55.9	98.5	04/13/2011	
Surr: p-Terphenyl-d14			0.826	0.835		98.9	45.5	115	04/12/2011	
Surr: p-Terphenyl-d14			0.935	0.835		112.0	45.5	115	04/13/2011	

Batch 67277		SampType: LCS		Units mg/Kg						
SampID: LCS-67277										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,2,4-Trichlorobenzene	0.500		1.46	1.67	0	87.4	43.9	92.2	04/13/2011	
1,4-Dichlorobenzene	0.500		1.14	1.67	0	68.3	43.8	84.1	04/13/2011	
2,4,5-Trichlorophenol	0.350		2.95	3.33	0	88.7	38.6	123	04/13/2011	
2,4,6-Trichlorophenol	0.350		2.98	3.33	0	89.4	35.9	123	04/13/2011	
2,4-Dimethylphenol	0.500		2.33	3.33	0	69.8	38.3	88	04/13/2011	
2,4-Dinitrophenol	1.00		2.34	3.33	0	70.4	1.88	162	04/13/2011	
2,4-Dinitrotoluene	0.350		1.44	1.67	0	86.0	48.6	102	04/13/2011	
2-Chlorophenol	0.500		2.28	3.33	0	68.4	46.6	84	04/13/2011	
4-Chloro-3-methylphenol	0.500		2.75	3.33	0	82.5	51.5	94.9	04/13/2011	
4-Nitrophenol	0.350		2.37	3.33	0	71.0	53.2	104	04/13/2011	
Diethyl phthalate	0.500		2.62	3.33	0	78.6	51.7	106	04/13/2011	
Dimethyl phthalate	0.350		2.54	3.33	0	76.3	58.8	104	04/13/2011	
Di-n-butyl phthalate	0.350		1.29	1.67	0	77.1	54.3	105	04/13/2011	
Hexachlorobenzene	0.350		3.13	3.33	0	94.0	55.9	106	04/13/2011	
Hexachlorobutadiene	0.500		2.92	3.33	0	87.6	35.7	100	04/13/2011	
Hexachloroethane	0.500		2.12	3.33	0	63.7	38.9	89.9	04/13/2011	
m,p-Cresol	0.500		1.16	1.67	0	69.5	37.6	93.7	04/13/2011	
Nitrobenzene	0.500		2.37	3.33	0	71.2	51.8	104	04/13/2011	
N-Nitroso-di-n-propylamine	0.500		1.14	1.67	0	68.3	49.1	94.5	04/13/2011	
o-Cresol	0.500		1.19	1.67	0	71.0	43	101	04/13/2011	
Pentachlorophenol	2.00		2.00	3.33	0	60.2	42.2	102	04/13/2011	
Phenol	0.350		2.28	3.33	0	68.6	41.6	81.3	04/13/2011	
Pyridine	0.500		1.91	3.33	0	57.3	3.61	74.3	04/13/2011	
Surr: 2,4,6-Tribromophenol			1.67	1.67		100	52.1	113	04/13/2011	
Surr: 2-Fluorobiphenyl			0.708	0.835		84.8	46.3	106	04/13/2011	
Surr: 2-Fluorophenol			1.16	1.67		69.6	50.6	89	04/13/2011	



**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040502

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

**Report Date:** 18-Apr-11

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

**Batch 67277**      **SampType: LCS**      Units **mg/Kg**  
 SampID: LCS-67277

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Surr: Nitrobenzene-d5			<b>0.825</b>	0.835		98.8	42.4	99.2	04/12/2011
Surr: Nitrobenzene-d5			<b>0.576</b>	0.835		69.0	42.4	99.2	04/13/2011
Surr: Phenol-d5			<b>1.21</b>	1.67		72.4	55.9	98.5	04/13/2011
Surr: p-Terphenyl-d14			<b>0.810</b>	0.835		97.0	45.5	115	04/12/2011
Surr: p-Terphenyl-d14			<b>0.777</b>	0.835		93.0	45.5	115	04/13/2011

**Batch 67277**      **SampType: LCS**      Units **%REC**  
 SampID: LCSDRO-67277

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Surr: Nitrobenzene-d5			<b>0.569</b>	0.835		68.2	42.4	99.2	04/12/2011
Surr: p-Terphenyl-d14			<b>0.776</b>	0.835		92.9	45.5	115	04/12/2011

**Batch 67277**      **SampType: MS**      Units **mg/Kg-dry**  
 SampID: 11040502-001AMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
1,2,4-Trichlorobenzene	0.562		<b>1.61</b>	1.88	0	85.6	35.9	102	04/13/2011
1,4-Dichlorobenzene	0.562		<b>1.28</b>	1.88	0	68.3	29.8	95.5	04/13/2011
2,4,5-Trichlorophenol	0.393		<b>3.29</b>	3.74	0	87.9	38.6	123	04/13/2011
2,4,6-Trichlorophenol	0.393		<b>3.48</b>	3.74	0	92.9	35.9	123	04/13/2011
2,4-Dimethylphenol	0.562		<b>2.76</b>	3.74	0	73.7	38.3	88	04/13/2011
2,4-Dinitrophenol	1.12		<b>1.84</b>	3.74	0	49.2	1.88	162	04/13/2011
2,4-Dinitrotoluene	0.393		<b>1.55</b>	1.88	0	82.7	37.5	107	04/13/2011
2-Chlorophenol	0.562		<b>2.61</b>	3.74	0	69.8	22.6	108	04/13/2011
4-Chloro-3-methylphenol	0.562		<b>3.05</b>	3.74	0	81.5	19.3	131	04/13/2011
4-Nitrophenol	0.393		<b>2.62</b>	3.74	0	69.9	27.6	123	04/13/2011
Diethyl phthalate	0.562		<b>2.81</b>	3.74	0	75.2	51.7	106	04/13/2011
Dimethyl phthalate	0.393		<b>2.80</b>	3.74	0	74.8	58.8	104	04/13/2011
Di-n-butyl phthalate	0.393		<b>1.46</b>	1.88	0	77.8	54.3	105	04/13/2011
Hexachlorobenzene	0.393		<b>3.41</b>	3.74	0	91.1	55.9	106	04/13/2011
Hexachlorobutadiene	0.562		<b>3.28</b>	3.74	0	87.6	35.7	100	04/13/2011
Hexachloroethane	0.562		<b>2.44</b>	3.74	0	65.3	38.9	89.9	04/13/2011
m,p-Cresol	0.562		<b>1.42</b>	1.88	0	75.8	37.6	93.7	04/13/2011
Nitrobenzene	0.562		<b>2.62</b>	3.74	0	70.1	51.8	104	04/13/2011
N-Nitroso-di-n-propylamine	0.562		<b>1.27</b>	1.88	0	67.5	45.5	99.1	04/13/2011
o-Cresol	0.562		<b>1.41</b>	1.88	0	75.2	43	101	04/13/2011
Pentachlorophenol	2.25		<b>2.27</b>	3.74	0	60.6	18.5	113	04/13/2011
Phenol	0.393		<b>2.69</b>	3.74	0	71.8	20.8	110	04/13/2011
Pyridine	0.562		<b>2.21</b>	3.74	0	59.1	3.61	74.3	04/13/2011
Surr: 2,4,6-Tribromophenol			<b>1.81</b>	1.88		96.5	32.7	130	04/13/2011
Surr: 2-Fluorobiphenyl			<b>0.760</b>	0.938		81.0	34.1	116	04/13/2011
Surr: 2-Fluorophenol			<b>1.30</b>	1.88		69.0	30.5	99	04/13/2011
Surr: Nitrobenzene-d5			<b>0.607</b>	0.938		64.7	34.1	101	04/13/2011
Surr: Phenol-d5			<b>1.36</b>	1.88		72.6	34.9	110	04/13/2011
Surr: p-Terphenyl-d14			<b>0.888</b>	0.938		94.6	41.7	124	04/13/2011

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040502

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

**Report Date:** 18-Apr-11

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

Batch 67277		SampType: MSD		Units mg/Kg-dry				RPD Limit 40		Date Analyzed
SampID: 11040502-001AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
1,2,4-Trichlorobenzene	0.557		1.66	1.86	0	89.4	1.607	3.44	04/13/2011	
1,4-Dichlorobenzene	0.557		1.33	1.86	0	71.5	1.283	3.61	04/13/2011	
2,4,5-Trichlorophenol	0.390		3.14	3.71	0	84.7	3.290	4.66	04/13/2011	
2,4,6-Trichlorophenol	0.390		3.22	3.71	0	86.7	3.476	7.76	04/13/2011	
2,4-Dimethylphenol	0.557		2.63	3.71	0	71.0	2.757	4.66	04/13/2011	
2,4-Dinitrophenol	1.11		1.76	3.71	0	47.5	1.840	4.29	04/13/2011	
2,4-Dinitrotoluene	0.390		1.63	1.86	0	87.8	1.553	5.06	04/13/2011	
2-Chlorophenol	0.557		2.69	3.71	0	72.6	2.611	3.08	04/13/2011	
4-Chloro-3-methylphenol	0.557		2.92	3.71	0	78.8	3.050	4.29	04/13/2011	
4-Nitrophenol	0.390		2.61	3.71	0	70.4	2.618	0.33	04/13/2011	
Diethyl phthalate	0.557		3.02	3.71	0	81.5	2.813	7.12	04/13/2011	
Dimethyl phthalate	0.390		2.85	3.71	0	77.0	2.800	1.93	04/13/2011	
Di-n-butyl phthalate	0.390		1.48	1.86	0	79.6	1.459	1.42	04/13/2011	
Hexachlorobenzene	0.390		3.59	3.71	0	96.7	3.411	5.04	04/13/2011	
Hexachlorobutadiene	0.557		3.23	3.71	0	87.2	3.278	1.40	04/13/2011	
Hexachloroethane	0.557		2.46	3.71	0	66.5	2.443	0.87	04/13/2011	
m,p-Cresol	0.557		1.37	1.86	0	73.7	1.422	3.65	04/13/2011	
Nitrobenzene	0.557		2.67	3.71	0	72.1	2.622	1.92	04/13/2011	
N-Nitroso-di-n-propylamine	0.557		1.30	1.86	0	69.8	1.267	2.43	04/13/2011	
o-Cresol	0.557		1.40	1.86	0	75.2	1.411	0.91	04/13/2011	
Pentachlorophenol	2.23	J	2.1	3.71	0	57.7	2.270	0.00	04/13/2011	
Phenol	0.390		2.64	3.71	0	71.2	2.689	1.88	04/13/2011	
Pyridine	0.557		2.31	3.71	0	62.4	2.212	4.53	04/13/2011	
Surr: 2,4,6-Tribromophenol			1.73	1.86		92.9			04/13/2011	
Surr: 2-Fluorobiphenyl			0.696	0.930		74.9			04/13/2011	
Surr: 2-Fluorophenol			1.24	1.86		66.9			04/13/2011	
Surr: Nitrobenzene-d5			0.574	0.930		61.7			04/13/2011	
Surr: Phenol-d5			1.34	1.86		72.2			04/13/2011	
Surr: p-Terphenyl-d14			0.881	0.930		94.8			04/13/2011	

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

Batch 67332		SampType: MBLK		Units µg/L						Date Analyzed
SampID: MBLK-R110412-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	2.0		ND						04/12/2011	
Ethylbenzene	5.0		ND						04/12/2011	
Toluene	5.0		ND						04/12/2011	
Xylenes, Total	5.0		ND						04/12/2011	
Surr: 1,2-Dichloroethane-d4			49.2	50.0		98.5	74.7	129	04/12/2011	
Surr: 4-Bromofluorobenzene			51.7	50.0		103.4	86	119	04/12/2011	
Surr: Dibromofluoromethane			51.3	50.0		102.7	81.7	123	04/12/2011	
Surr: Toluene-d8			48.2	50.0		96.4	84.3	114	04/12/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11040502

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

Report Date: 18-Apr-11

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

Batch 67332		SampType: LCSD		Units µg/L				RPD Limit 40		Date Analyzed
SampID: LCSD-R110412-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Benzene	2.0		49.1	50.0	0	98.2	47.77	2.79	04/12/2011	
Ethylbenzene	5.0		47.4	50.0	0	94.9	46.95	1.06	04/12/2011	
Toluene	5.0		48.9	50.0	0	97.7	47.89	2.01	04/12/2011	
Xylenes, Total	5.0		148	150	0	98.4	144.6	2.01	04/12/2011	
Surr: 1,2-Dichloroethane-d4			50.2	50.0		100.4			04/12/2011	
Surr: 4-Bromofluorobenzene			51.7	50.0		103.5			04/12/2011	
Surr: Dibromofluoromethane			53.7	50.0		107.5			04/12/2011	
Surr: Toluene-d8			49.0	50.0		98.0			04/12/2011	

Batch 67332		SampType: LCS		Units µg/L				RPD Limit 40		Date Analyzed
SampID: LCS-R110412-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	2.0		47.8	50.0	0	95.5	82.7	117	04/12/2011	
Ethylbenzene	5.0		47.0	50.0	0	93.9	83	113	04/12/2011	
Toluene	5.0		47.9	50.0	0	95.8	79.6	116	04/12/2011	
Xylenes, Total	5.0		145	150	0	96.4	80.3	120	04/12/2011	
Surr: 1,2-Dichloroethane-d4			49.9	50.0		99.8	74.7	129	04/12/2011	
Surr: 4-Bromofluorobenzene			52.1	50.0		104.1	86	119	04/12/2011	
Surr: Dibromofluoromethane			53.1	50.0		106.2	81.7	123	04/12/2011	
Surr: Toluene-d8			48.8	50.0		97.5	84.3	114	04/12/2011	

Batch 67332		SampType: MS		Units µg/L				RPD Limit 40		Date Analyzed
SampID: 11040502-003EMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzene	2.0		59.1	46.0	27.37	68.9	57.8	125	04/12/2011	
Ethylbenzene	5.0		44.0	46.0	1.480	92.4	72.8	123	04/12/2011	
Toluene	5.0		49.8	46.0	10.52	85.3	75.8	123	04/12/2011	
Xylenes, Total	5.0		93.4	92.0	4.820	96.2	73	127	04/12/2011	
Surr: 1,2-Dichloroethane-d4			50.6	50.0		101.1	74.7	129	04/12/2011	
Surr: 4-Bromofluorobenzene			51.1	50.0		102.3	86	119	04/12/2011	
Surr: Dibromofluoromethane			52.2	50.0		104.5	81.7	123	04/12/2011	
Surr: Toluene-d8			48.2	50.0		96.4	84.3	114	04/12/2011	

Batch 67332		SampType: MSD		Units µg/L				RPD Limit 20		Date Analyzed
SampID: 11040502-003EMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Benzene	2.0		57.6	46.0	27.37	65.7	59.06	2.56	04/12/2011	
Ethylbenzene	5.0		44.4	46.0	1.480	93.3	43.99	0.91	04/12/2011	
Toluene	5.0		50.0	46.0	10.52	85.8	49.78	0.42	04/12/2011	
Xylenes, Total	5.0		94.2	92.0	4.820	97.1	93.36	0.89	04/12/2011	
Surr: 1,2-Dichloroethane-d4			49.5	50.0		99.0			04/12/2011	
Surr: 4-Bromofluorobenzene			51.2	50.0		102.5			04/12/2011	
Surr: Dibromofluoromethane			52.1	50.0		104.1			04/12/2011	
Surr: Toluene-d8			48.6	50.0		97.2			04/12/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11040502

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

Report Date: 18-Apr-11

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

Batch 67327	SampType: MBLK	Units µg/Kg											
SampID: MBLK-A110413-1				Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
				1,1,1,2-Tetrachloroethane	5.00		ND						04/13/2011
				1,1,1-Trichloroethane	5.00		ND						04/13/2011
				1,1,2,2-Tetrachloroethane	5.00		ND						04/13/2011
				1,1,2-Trichloro-1,2,2-trifluoroethane	5.00		ND						04/13/2011
				1,1,2-Trichloroethane	5.00		ND						04/13/2011
				1,1-Dichloro-2-propanone	50.0		ND						04/13/2011
				1,1-Dichloroethane	5.00		ND						04/13/2011
				1,1-Dichloroethene	5.00		ND						04/13/2011
				1,1-Dichloropropene	5.00		ND						04/13/2011
				1,2,3-Trichlorobenzene	5.00		ND						04/13/2011
				1,2,3-Trichloropropane	10.0		ND						04/13/2011
				1,2,3-Trimethylbenzene	5.00		ND						04/13/2011
				1,2,4-Trichlorobenzene	5.00		ND						04/13/2011
				1,2,4-Trimethylbenzene	5.00		ND						04/13/2011
				1,2-Dibromo-3-chloropropane	5.00		ND						04/13/2011
				1,2-Dibromoethane	5.00		ND						04/13/2011
				1,2-Dichlorobenzene	5.00		ND						04/13/2011
				1,2-Dichloroethane	5.00		ND						04/13/2011
				1,2-Dichloropropane	5.00		ND						04/13/2011
				1,3,5-Trimethylbenzene	5.00		ND						04/13/2011
				1,3-Dichlorobenzene	5.00		ND						04/13/2011
				1,3-Dichloropropane	5.00		ND						04/13/2011
				1,4-Dichlorobenzene	5.00		ND						04/13/2011
				1-Chlorobutane	5.00		ND						04/13/2011
				2,2-Dichloropropane	5.00		ND						04/13/2011
				2-Butanone	50.0		ND						04/13/2011
				2-Chlorotoluene	5.00		ND						04/13/2011
				2-Hexanone	50.0		ND						04/13/2011
				2-Nitropropane	50.0		ND						04/13/2011
				4-Chlorotoluene	5.00		ND						04/13/2011
				4-Methyl-2-pentanone	50.0		ND						04/13/2011
				Acetone	50.0		ND						04/13/2011
				Acetonitrile	100		ND						04/13/2011
				Acrolein	100		ND						04/13/2011
				Acrylonitrile	10.0		ND						04/13/2011
				Allyl chloride	5.00		ND						04/13/2011
				Benzene	1.00		ND						04/13/2011
				Bromobenzene	5.00		ND						04/13/2011
				Bromochloromethane	5.00		ND						04/13/2011
				Bromodichloromethane	5.00		ND						04/13/2011
				Bromoform	5.00		ND						04/13/2011
				Bromomethane	10.0		ND						04/13/2011
				Carbon disulfide	5.00		ND						04/13/2011
				Carbon tetrachloride	5.00		ND						04/13/2011
				Chlorobenzene	5.00		ND						04/13/2011
				Chloroethane	10.0		ND						04/13/2011
				Chloroform	5.00		ND						04/13/2011

Client: PSC Industrial Outsourcing, LP

Work Order: 11040502

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

Report Date: 18-Apr-11

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

Batch 67327		SampType: MBLK		Units µg/Kg					Date Analyzed
SampID: MBLK-A110413-1									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Chloromethane	10.0		ND						04/13/2011
cis-1,2-Dichloroethene	5.00		ND						04/13/2011
cis-1,3-Dichloropropene	4.00		ND						04/13/2011
Cyclohexanone	100		ND						04/13/2011
Dibromochloromethane	5.00		ND						04/13/2011
Dibromomethane	5.00		ND						04/13/2011
Dichlorodifluoromethane	10.0		ND						04/13/2011
Ethyl acetate	50.0		ND						04/13/2011
Ethyl ether	5.00		ND						04/13/2011
Ethyl methacrylate	5.00		ND						04/13/2011
Ethylbenzene	5.00		ND						04/13/2011
Heptane	20.0		ND						04/13/2011
Hexachlorobutadiene	5.00		ND						04/13/2011
Hexachloroethane	5.00		ND						04/13/2011
Iodomethane	10.0		ND						04/13/2011
Isopropylbenzene	5.00		ND						04/13/2011
m,p-Xylenes	5.00		ND						04/13/2011
Methacrylonitrile	50.0		ND						04/13/2011
Methyl Methacrylate	5.00		ND						04/13/2011
Methyl tert-butyl ether	2.00		ND						04/13/2011
Methylacrylate	10.0		ND						04/13/2011
Methylene chloride	5.00		ND						04/13/2011
Naphthalene	10.0		ND						04/13/2011
n-Butylbenzene	5.00		ND						04/13/2011
n-Hexane	20.0		ND						04/13/2011
Nitrobenzene	100		ND						04/13/2011
n-Propylbenzene	5.00		ND						04/13/2011
o-Xylene	5.00		ND						04/13/2011
Pentachloroethane	5.00		ND						04/13/2011
p-Isopropyltoluene	5.00		ND						04/13/2011
Propionitrile	50.0		ND						04/13/2011
sec-Butylbenzene	5.00		ND						04/13/2011
Styrene	5.00		ND						04/13/2011
tert-Butylbenzene	5.00		ND						04/13/2011
Tetrachloroethene	5.00		ND						04/13/2011
Tetrahydrofuran	50.0		ND						04/13/2011
Toluene	5.00		ND						04/13/2011
trans-1,2-Dichloroethene	5.00		ND						04/13/2011
trans-1,3-Dichloropropene	4.00		ND						04/13/2011
trans-1,4-Dichloro-2-butene	10.0		ND						04/13/2011
Trichloroethene	5.00		ND						04/13/2011
Trichlorofluoromethane	5.00		ND						04/13/2011
Vinyl acetate	50.0		ND						04/13/2011
Vinyl chloride	2.00		ND						04/13/2011
Xylenes, Total	5.00		ND						04/13/2011
Gasoline Range Organics (OA-1)	1000		ND						04/13/2011
Surr: 1,2-Dichloroethane-d4			56.8	50.0		113.5	72.2	131	04/13/2011

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040502

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

**Report Date:** 18-Apr-11

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

Batch 67327		SampType: MBLK		Units µg/Kg						
SampID: MBLK-A110413-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: 4-Bromofluorobenzene			54.2	50.0		108.4	82.1	116	04/13/2011	
Surr: Dibromofluoromethane			54.1	50.0		108.3	77.7	120	04/13/2011	
Surr: Toluene-d8			48.0	50.0		96.0	86	116	04/13/2011	

Batch 67327		SampType: LCS		Units µg/Kg						
SampID: LCS-A110413-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,1,1,2-Tetrachloroethane	5.00		49.8	50.0	0	99.5	0	200	04/13/2011	
1,1,1-Trichloroethane	5.00		52.7	50.0	0	105.5	85.8	124	04/13/2011	
1,1,2,2-Tetrachloroethane	5.00		48.8	50.0	0	97.7	0	200	04/13/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.00		46.4	50.0	0	92.7	0	200	04/13/2011	
1,1,2-Trichloroethane	5.00		48.3	50.0	0	96.6	0	200	04/13/2011	
1,1-Dichloro-2-propanone	50.0		148	125	0	118.3	0	200	04/13/2011	
1,1-Dichloroethane	5.00		46.3	50.0	0	92.7	0	200	04/13/2011	
1,1-Dichloroethene	5.00		42.1	50.0	0	84.2	60.1	131	04/13/2011	
1,1-Dichloropropene	5.00		47.4	50.0	0	94.9	0	200	04/13/2011	
1,2,3-Trichlorobenzene	5.00		60.8	50.0	0	121.5	0	200	04/13/2011	
1,2,3-Trichloropropane	10.0		52.2	50.0	0	104.3	0	200	04/13/2011	
1,2,3-Trimethylbenzene	5.00		47.9	50.0	0	95.8	0	200	04/13/2011	
1,2,4-Trichlorobenzene	5.00		60.2	50.0	0	120.3	0	200	04/13/2011	
1,2,4-Trimethylbenzene	5.00		48.9	50.0	0	97.8	0	200	04/13/2011	
1,2-Dibromo-3-chloropropane	5.00		60.6	50.0	0	121.1	0	200	04/13/2011	
1,2-Dibromoethane	5.00		51.0	50.0	0	101.9	86.9	119	04/13/2011	
1,2-Dichlorobenzene	5.00		50.9	50.0	0	101.7	88	119	04/13/2011	
1,2-Dichloroethane	5.00		53.8	50.0	0	107.6	73	117	04/13/2011	
1,2-Dichloropropane	5.00		47.3	50.0	0	94.6	0	200	04/13/2011	
1,3,5-Trimethylbenzene	5.00		48.7	50.0	0	97.5	0	200	04/13/2011	
1,3-Dichlorobenzene	5.00		50.6	50.0	0	101.1	85.8	125	04/13/2011	
1,3-Dichloropropane	5.00		45.3	50.0	0	90.7	0	200	04/13/2011	
1,4-Dichlorobenzene	5.00		49.2	50.0	0	98.5	84.5	124	04/13/2011	
1-Chlorobutane	5.00		40.8	50.0	0	81.5	0	200	04/13/2011	
2,2-Dichloropropane	5.00		50.0	50.0	0	100.1	0	200	04/13/2011	
2-Butanone	50.0		137	125	0	109.8	45.3	136	04/13/2011	
2-Chlorotoluene	5.00		46.0	50.0	0	92.0	0	200	04/13/2011	
2-Hexanone	50.0		120	125	0	95.8	0	200	04/13/2011	
2-Nitropropane	50.0		603	500	0	120.5	0	200	04/13/2011	
4-Chlorotoluene	5.00		47.2	50.0	0	94.3	0	200	04/13/2011	
4-Methyl-2-pentanone	50.0		133	125	0	106.8	0	200	04/13/2011	
Acetone	50.0		145	125	0	115.6	0	200	04/13/2011	
Acetonitrile	100		500	500	0	99.9	0	200	04/13/2011	
Acrylonitrile	10.0		47.8	50.0	0	95.6	0	200	04/13/2011	
Allyl chloride	5.00		47.3	50.0	0	94.6	0	200	04/13/2011	
Benzene	1.00		45.4	50.0	0	90.9	73.9	109	04/13/2011	
Bromobenzene	5.00		48.6	50.0	0	97.3	0	200	04/13/2011	
Bromochloromethane	5.00		46.0	50.0	0	92.0	0	200	04/13/2011	
Bromodichloromethane	5.00		52.5	50.0	0	104.9	91.3	126	04/13/2011	
Bromoform	5.00		52.1	50.0	0	104.2	0	200	04/13/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040502

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

**Report Date:** 18-Apr-11

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

**Batch** 67327

**SampType:** LCS

**Units** µg/Kg

**SampID:** LCS-A110413-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Bromomethane	10.0		34.8	50.0	0	69.5	0	200	04/13/2011
Carbon disulfide	5.00		37.1	50.0	0	74.1	0	200	04/13/2011
Carbon tetrachloride	5.00		53.8	50.0	0	107.7	83.3	127	04/13/2011
Chlorobenzene	5.00		48.8	50.0	0	97.5	85.8	116	04/13/2011
Chloroethane	10.0		29.0	50.0	0	58.0	0	200	04/13/2011
Chloroform	5.00		49.5	50.0	0	99.0	80	113	04/13/2011
Chloromethane	10.0		15.6	50.0	0	31.3	0	200	04/13/2011
cis-1,2-Dichloroethene	5.00		47.4	50.0	0	94.8	0	200	04/13/2011
cis-1,3-Dichloropropene	4.00		49.6	50.0	0	99.2	0	200	04/13/2011
Cyclohexanone	100		220	250	0	88.1	0	200	04/13/2011
Dibromochloromethane	5.00		50.9	50.0	0	101.9	89.1	119	04/13/2011
Dibromomethane	5.00		51.2	50.0	0	102.3	0	200	04/13/2011
Dichlorodifluoromethane	10.0	J	9.1	50.0	0	18.3	0	200	04/13/2011
Ethyl acetate	50.0		51.7	50.0	0	103.4	0	200	04/13/2011
Ethyl ether	5.00		46.3	50.0	0	92.6	0	200	04/13/2011
Ethyl methacrylate	5.00		45.5	50.0	0	91.0	0	200	04/13/2011
Ethylbenzene	5.00		46.5	50.0	0	93.0	84.1	115	04/13/2011
Heptane	20.0		41.2	50.0	0	82.4	0	200	04/13/2011
Hexachlorobutadiene	5.00		59.8	50.0	0	119.6	0	200	04/13/2011
Hexachloroethane	5.00		48.0	50.0	0	96.1	0	200	04/13/2011
Iodomethane	10.0		51.1	50.0	0	102.2	0	200	04/13/2011
Isopropylbenzene	5.00		48.6	50.0	0	97.1	0	200	04/13/2011
m,p-Xylenes	5.00		90.8	100	0	90.8	79.1	111	04/13/2011
Methacrylonitrile	50.0	J	48	50.0	0	96.3	0	200	04/13/2011
Methyl Methacrylate	5.00		50.5	50.0	0	101.0	0	200	04/13/2011
Methyl tert-butyl ether	2.00		52.1	50.0	0	104.1	80	128	04/13/2011
Methylacrylate	10.0		52.1	50.0	0	104.1	0	200	04/13/2011
Methylene chloride	5.00		44.0	50.0	0	88.1	73.9	116	04/13/2011
Naphthalene	10.0		60.8	50.0	0	121.6	73.1	135	04/13/2011
n-Butylbenzene	5.00		48.3	50.0	0	96.6	0	200	04/13/2011
n-Hexane	20.0		36.8	50.0	0	73.5	0	200	04/13/2011
Nitrobenzene	100		497	500	0	99.5	0	200	04/13/2011
n-Propylbenzene	5.00		46.4	50.0	0	92.7	0	200	04/13/2011
o-Xylene	5.00		46.9	50.0	0	93.9	82	117	04/13/2011
Pentachloroethane	5.00		51.8	50.0	0	103.6	0	200	04/13/2011
p-Isopropyltoluene	5.00		48.2	50.0	0	96.5	0	200	04/13/2011
Propionitrile	50.0		514	500	0	102.9	0	200	04/13/2011
sec-Butylbenzene	5.00		48.5	50.0	0	97.0	0	200	04/13/2011
Styrene	5.00		45.7	50.0	0	91.4	0	200	04/13/2011
tert-Butylbenzene	5.00		48.6	50.0	0	97.2	0	200	04/13/2011
Tetrachloroethene	5.00		49.0	50.0	0	98.0	74.6	115	04/13/2011
Tetrahydrofuran	50.0		54.0	50.0	0	108.0	0	200	04/13/2011
Toluene	5.00		40.3	50.0	0	80.6	79.1	112	04/13/2011
trans-1,2-Dichloroethene	5.00		46.0	50.0	0	92.1	0	200	04/13/2011
trans-1,3-Dichloropropene	4.00		46.9	50.0	0	93.8	0	200	04/13/2011
trans-1,4-Dichloro-2-butene	10.0		47.8	50.0	0	95.6	0	200	04/13/2011
Trichloroethene	5.00		53.6	50.0	0	107.2	81	111	04/13/2011

Client: PSC Industrial Outsourcing, LP

Work Order: 11040502

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

Report Date: 18-Apr-11

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

Batch 67327		SampType: LCS		Units µg/Kg						
SampID: LCS-A110413-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Trichlorofluoromethane	5.00		43.7	50.0	0	87.5	0	200	04/13/2011	
Vinyl acetate	50.0	J	49	50.0	0	97.4	0	200	04/13/2011	
Vinyl chloride	2.00		22.2	50.0	0	44.5	0	200	04/13/2011	
Xylenes, Total	5.00		138	150	0	91.9	79.1	117	04/13/2011	
Surr: 1,2-Dichloroethane-d4			54.5	50.0		108.9	72.2	131	04/13/2011	
Surr: 4-Bromofluorobenzene			51.2	50.0		102.4	82.1	116	04/13/2011	
Surr: Dibromofluoromethane			53.8	50.0		107.5	77.7	120	04/13/2011	
Surr: Toluene-d8			45.5	50.0		91.1	86	116	04/13/2011	

Batch 67327		SampType: LCSD		Units µg/Kg		RPD Limit 40				
SampID: LCSD-A110413-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
1,1,1,2-Tetrachloroethane	5.00		50.0	50.0	0	100.1	49.77	0.56	04/13/2011	
1,1,1-Trichloroethane	5.00		53.3	50.0	0	106.6	52.74	1.07	04/13/2011	
1,1,2,2-Tetrachloroethane	5.00		46.2	50.0	0	92.4	48.85	5.58	04/13/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.00		45.4	50.0	0	90.8	46.35	2.11	04/13/2011	
1,1,2-Trichloroethane	5.00		47.0	50.0	0	94.0	48.28	2.73	04/13/2011	
1,1-Dichloro-2-propanone	50.0		121	125	0	96.6	147.8	20.15	04/13/2011	
1,1-Dichloroethane	5.00		46.2	50.0	0	92.4	46.33	0.32	04/13/2011	
1,1-Dichloroethene	5.00		43.2	50.0	0	86.3	42.10	2.51	04/13/2011	
1,1-Dichloropropene	5.00		47.3	50.0	0	94.6	47.43	0.27	04/13/2011	
1,2,3-Trichlorobenzene	5.00		58.6	50.0	0	117.2	60.76	3.64	04/13/2011	
1,2,3-Trichloropropane	10.0		47.8	50.0	0	95.5	52.15	8.81	04/13/2011	
1,2,3-Trimethylbenzene	5.00		48.4	50.0	0	96.7	47.88	1.02	04/13/2011	
1,2,4-Trichlorobenzene	5.00		57.7	50.0	0	115.5	60.17	4.12	04/13/2011	
1,2,4-Trimethylbenzene	5.00		49.4	50.0	0	98.9	48.90	1.08	04/13/2011	
1,2-Dibromo-3-chloropropane	5.00		51.8	50.0	0	103.6	60.56	15.59	04/13/2011	
1,2-Dibromoethane	5.00		49.1	50.0	0	98.2	50.95	3.70	04/13/2011	
1,2-Dichlorobenzene	5.00		50.8	50.0	0	101.5	50.86	0.18	04/13/2011	
1,2-Dichloroethane	5.00		53.0	50.0	0	106.1	53.82	1.44	04/13/2011	
1,2-Dichloropropane	5.00		47.8	50.0	0	95.7	47.30	1.11	04/13/2011	
1,3,5-Trimethylbenzene	5.00		49.6	50.0	0	99.2	48.73	1.75	04/13/2011	
1,3-Dichlorobenzene	5.00		50.9	50.0	0	101.9	50.56	0.73	04/13/2011	
1,3-Dichloropropane	5.00		44.6	50.0	0	89.2	45.33	1.65	04/13/2011	
1,4-Dichlorobenzene	5.00		49.3	50.0	0	98.6	49.25	0.10	04/13/2011	
1-Chlorobutane	5.00		40.8	50.0	0	81.7	40.77	0.17	04/13/2011	
2,2-Dichloropropane	5.00		50.5	50.0	0	100.9	50.05	0.82	04/13/2011	
2-Butanone	50.0		116	125	0	93.2	137.2	16.34	04/13/2011	
2-Chlorotoluene	5.00		47.0	50.0	0	94.0	46.01	2.17	04/13/2011	
2-Hexanone	50.0		102	125	0	81.2	119.7	16.44	04/13/2011	
2-Nitropropane	50.0		531	500	0	106.2	602.7	12.68	04/13/2011	
4-Chlorotoluene	5.00		47.6	50.0	0	95.3	47.15	1.01	04/13/2011	
4-Methyl-2-pentanone	50.0		117	125	0	93.9	133.5	12.85	04/13/2011	
Acetone	50.0		119	125	0	94.9	144.5	19.68	04/13/2011	
Acetonitrile	100		430	500	0	86.0	499.6	15.03	04/13/2011	
Acrylonitrile	10.0		42.5	50.0	0	85.0	47.78	11.65	04/13/2011	
Allyl chloride	5.00		46.9	50.0	0	93.8	47.29	0.87	04/13/2011	



Client: PSC Industrial Outsourcing, LP

Work Order: 11040502

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

Report Date: 18-Apr-11

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

Batch 67327	SampType: LCSD	Units µg/Kg					RPD Limit 40			
SampID: LCSD-A110413-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Benzene	1.00		46.3	50.0	0	92.6	45.45	1.90	04/13/2011	
Bromobenzene	5.00		49.6	50.0	0	99.1	48.64	1.89	04/13/2011	
Bromochloromethane	5.00		46.4	50.0	0	92.9	46.02	0.91	04/13/2011	
Bromodichloromethane	5.00		52.4	50.0	0	104.8	52.46	0.15	04/13/2011	
Bromoform	5.00		49.4	50.0	0	98.7	52.12	5.46	04/13/2011	
Bromomethane	10.0		35.5	50.0	0	71.0	34.77	2.13	04/13/2011	
Carbon disulfide	5.00		37.2	50.0	0	74.3	37.07	0.22	04/13/2011	
Carbon tetrachloride	5.00		54.8	50.0	0	109.7	53.85	1.84	04/13/2011	
Chlorobenzene	5.00		48.9	50.0	0	97.8	48.76	0.31	04/13/2011	
Chloroethane	10.0		30.1	50.0	0	60.2	29.02	3.62	04/13/2011	
Chloroform	5.00		50.7	50.0	0	101.4	49.52	2.35	04/13/2011	
Chloromethane	10.0		16.1	50.0	0	32.2	15.64	3.02	04/13/2011	
cis-1,2-Dichloroethene	5.00		48.0	50.0	0	96.1	47.41	1.34	04/13/2011	
cis-1,3-Dichloropropene	4.00		50.3	50.0	0	100.6	49.58	1.42	04/13/2011	
Cyclohexanone	100		204	250	0	81.6	220.2	7.64	04/13/2011	
Dibromochloromethane	5.00		50.3	50.0	0	100.7	50.93	1.19	04/13/2011	
Dibromomethane	5.00		50.0	50.0	0	100	51.17	2.35	04/13/2011	
Dichlorodifluoromethane	10.0	J	9.0	50.0	0	18.0	9.140	0.00	04/13/2011	
Ethyl acetate	50.0	J	44	50.0	0	88.4	51.72	0.00	04/13/2011	
Ethyl ether	5.00		45.6	50.0	0	91.2	46.30	1.50	04/13/2011	
Ethyl methacrylate	5.00		42.4	50.0	0	84.9	45.49	6.94	04/13/2011	
Ethylbenzene	5.00		46.4	50.0	0	92.8	46.49	0.15	04/13/2011	
Heptane	20.0		40.6	50.0	0	81.1	41.18	1.52	04/13/2011	
Hexachlorobutadiene	5.00		59.7	50.0	0	119.5	59.80	0.10	04/13/2011	
Hexachloroethane	5.00		49.3	50.0	0	98.6	48.04	2.57	04/13/2011	
Iodomethane	10.0		52.8	50.0	0	105.5	51.10	3.18	04/13/2011	
Isopropylbenzene	5.00		48.8	50.0	0	97.5	48.55	0.45	04/13/2011	
m,p-Xylenes	5.00		91.9	100	0	91.9	90.85	1.11	04/13/2011	
Methacrylonitrile	50.0	J	45	50.0	0	90.1	48.13	0.00	04/13/2011	
Methyl Methacrylate	5.00		45.8	50.0	0	91.6	50.51	9.78	04/13/2011	
Methyl tert-butyl ether	2.00		50.3	50.0	0	100.6	52.07	3.48	04/13/2011	
Methylacrylate	10.0		46.2	50.0	0	92.3	52.06	12.04	04/13/2011	
Methylene chloride	5.00		44.6	50.0	0	89.2	44.04	1.24	04/13/2011	
Naphthalene	10.0		55.5	50.0	0	110.9	60.82	9.20	04/13/2011	
n-Butylbenzene	5.00		48.6	50.0	0	97.2	48.30	0.58	04/13/2011	
n-Hexane	20.0		35.6	50.0	0	71.2	36.76	3.21	04/13/2011	
Nitrobenzene	100		394	500	0	78.9	497.4	23.08	04/13/2011	
n-Propylbenzene	5.00		47.1	50.0	0	94.2	46.37	1.54	04/13/2011	
o-Xylene	5.00		47.3	50.0	0	94.6	46.93	0.81	04/13/2011	
Pentachloroethane	5.00		52.2	50.0	0	104.3	51.81	0.69	04/13/2011	
p-Isopropyltoluene	5.00		48.9	50.0	0	97.8	48.25	1.30	04/13/2011	
Propionitrile	50.0		446	500	0	89.1	514.5	14.32	04/13/2011	
sec-Butylbenzene	5.00		49.1	50.0	0	98.3	48.52	1.27	04/13/2011	
Styrene	5.00		46.0	50.0	0	92.0	45.71	0.65	04/13/2011	
tert-Butylbenzene	5.00		49.6	50.0	0	99.1	48.61	1.92	04/13/2011	
Tetrachloroethene	5.00		49.1	50.0	0	98.1	48.98	0.16	04/13/2011	
Tetrahydrofuran	50.0	J	46	50.0	0	92.2	54.01	0.00	04/13/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11040502

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

Report Date: 18-Apr-11

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

Batch 67327		SampType: LCSD		Units µg/Kg				RPD Limit 40		
SampID: LCSD-A110413-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Toluene	5.00		40.7	50.0	0	81.4	40.32	0.94	04/13/2011	
trans-1,2-Dichloroethene	5.00		45.7	50.0	0	91.3	46.04	0.83	04/13/2011	
trans-1,3-Dichloropropene	4.00		46.2	50.0	0	92.4	46.90	1.48	04/13/2011	
trans-1,4-Dichloro-2-butene	10.0		44.4	50.0	0	88.7	47.81	7.51	04/13/2011	
Trichloroethene	5.00		54.2	50.0	0	108.5	53.59	1.22	04/13/2011	
Trichlorofluoromethane	5.00		44.3	50.0	0	88.7	43.73	1.39	04/13/2011	
Vinyl acetate	50.0	J	47	50.0	0	93.3	48.70	0.00	04/13/2011	
Vinyl chloride	2.00		22.7	50.0	0	45.4	22.24	1.96	04/13/2011	
Xylenes, Total	5.00		139	150	0	92.8	137.8	1.00	04/13/2011	
Surr: 1,2-Dichloroethane-d4			54.3	50.0		108.6			04/13/2011	
Surr: 4-Bromofluorobenzene			52.4	50.0		104.7			04/13/2011	
Surr: Dibromofluoromethane			54.4	50.0		108.8			04/13/2011	
Surr: Toluene-d8			46.4	50.0		92.7			04/13/2011	

Batch 67327		SampType: LCSG		Units µg/Kg						
SampID: LCSG-A110413-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Gasoline Range Organics (OA-1)	1000		2110	2000	0	105.3	70	130	04/13/2011	
Surr: 1,2-Dichloroethane-d4			56.3	50.0		112.7	61	128	04/13/2011	
Surr: 4-Bromofluorobenzene			54.8	50.0		109.5	78.2	117	04/13/2011	
Surr: Dibromofluoromethane			52.4	50.0		104.7	66.6	130	04/13/2011	
Surr: Toluene-d8			47.6	50.0		95.3	80.1	122	04/13/2011	

Batch 67327		SampType: LCSGD		Units µg/Kg				RPD Limit 20		
SampID: LCSGD-A110413-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Gasoline Range Organics (OA-1)	1000		2100	2000	0	105.1	2106	0.18	04/13/2011	
Surr: 1,2-Dichloroethane-d4			55.9	50.0		111.7			04/13/2011	
Surr: 4-Bromofluorobenzene			55.5	50.0		111.0			04/13/2011	
Surr: Dibromofluoromethane			51.5	50.0		103.0			04/13/2011	
Surr: Toluene-d8			48.2	50.0		96.5			04/13/2011	



# Receiving Check List

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11040502

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

Report Date: 18-Apr-11

Carrier: Sean Spinner

Received By: TWM

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

Reviewed by: *Elizabeth A. Hurley*  
On: 12-Apr-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 2.2
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 checked="" type="checkbox"/>	NA <input 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 checked="" type="checkbox"/>	No <input type="checkbox"/>	No VOA vials <input 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  
P.O. Box 230  
Columbia, IL 62236-0230

COC Serial No. **B** 10003

11040502

Project Name: Champaign MGP Project Mgr.: Pete Szazama  
 Project Number: 024-098-0120 Cost Code: 0002  
 Sampler(s): J. Purdy / J. Blanton  
 Laboratory Name: Teklab  
 Location: Collinsville, IL

Analyses by Method Name and Number

Method Name	PH	BODs	TSS	BTEX & 8a60	TPH (CM + OR2)	Total Ammonia Chloride	PCPA Metals	SVCS 8a70 Sims	SVCS 8a70	VOCs 8a60
PH										
BODs										
TSS										
BTEX & 8a60										
TPH (CM + OR2)	X									
Total Ammonia Chloride	X									
PCPA Metals	X									
SVCS 8a70 Sims	X									
SVCS 8a70	X									
VOCs 8a60	X									

Total Number of Containers: 6  
 Total Number of Containers: 7  
 Total Number of Containers: 7

Comments (Field PID):  
 11040502-cc1  
 cc2  
 cc3  
 Teklab, Inc.  
 Courier PickUp

# 1 DAY

Laboratory Temperature upon Receipt  
 2.2  
 4.12.11  
 HEADSPACE TM  
 4.12.11

**Samples Iced:**  Yes  No

Preservatives (ONLY for Water Samples)

- 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:**  
 5 Days  STD  Other  
 Requested TAT:  Rush  
 Fax and/or Mail Results to: P. Szazama & L. Hoosler  
 Send Invoice to:  
 QC Deliverable Requested:  Full QC & Limits  CLP-LIKE  EDD  Other  
 Special Guidelines:  
 Reporting Limits:  
 \* Special:

**Shipping:**

Carrier / Airbill No.

**Relinquished by:**

Signature: [Signature] Date: 4/12/11 Time: 1025

Signature: [Signature] Date: 4/12/11 Time: 1415

**Received by:**

Signature: [Signature] Date: 4/12/11 Time: 1025

Signature: [Signature] Date: 4/12/11 Time: 1415

April 14, 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:** 11040502

Dear Pete Sazama:

TEKLAB, INC received 3 samples on 4/12/2011 2:15:00 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,

---

## PRELIMINARY REPORT

A preliminary report contains data that is incomplete or data that has not been fully validated. Caution should be exercised in the use of any data presented, as final reported results may not reflect the values presented.



## Case Narrative

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040502

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

**Report Date:** 14-Apr-11

**Cooler Receipt Temp:** 2.2 °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	6/30/2011	Collinsville
Louisiana	LDEQ	166578	NELAP	6/30/2011	Springfield
Arkansas	ADEQ	88-0966		3/14/2012	Collinsville
Illinois	IDPH	17584		5/31/2011	Collinsville
Kentucky	UST	0073		5/26/2012	Collinsville
Missouri	MDNR	00930		5/31/2011	Collinsville
Oklahoma	ODEQ	9978		8/31/2011	Collinsville

# PRELIMINARY REPORT

A preliminary report contains data that is incomplete or data that has not been fully validated. Caution should be exercised in the use of any data presented, as final reported results may not reflect the values presented.

Client: PSC Industrial Outsourcing, LP

Work Order: 11040502

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

Report Date: 14-Apr-11

Lab ID: 11040502-001

Client Sample ID: P8-E1.2-F (20 ft)

Matrix: SOLID

Collection Date: 04/11/2011 13:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		10.9	%	1	04/12/2011 15:00	R148037
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		89.1	%	1	04/12/2011 15:00	R148008
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.40		7.36	mg/Kg-dry	1	04/13/2011 12:40	67302
Barium	NELAP	0.48		18.1	mg/Kg-dry	1	04/13/2011 12:40	67302
Cadmium	NELAP	0.19		< 0.19	mg/Kg-dry	1	04/13/2011 12:40	67302
Chromium	NELAP	0.96		17.7	mg/Kg-dry	1	04/13/2011 12:40	67302
Lead	NELAP	3.85		12.1	mg/Kg-dry	1	04/13/2011 12:40	67302
Silver	NELAP	0.53		0.78	mg/Kg-dry	1	04/13/2011 12:40	67302
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium	7740 NELAP	0.588		< 0.588	mg/Kg-dry	1	04/13/2011 13:04	67301
<b>SW-846 7471A</b>								
Mercury	NELAP	0.011		< 0.011	mg/Kg-dry	1	04/13/2011 9:37	67279
<b>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</b>								
Diesel	NELAP	5.56	#	12.3	mg/Kg-dry	1	04/13/2011 12:54	67304
Kerosene	NELAP	5.56		ND	mg/Kg-dry	1	04/13/2011 12:54	67304
Mineral Spirits	NELAP	5.56		ND	mg/Kg-dry	1	04/13/2011 12:54	67304
Motor Oil	NELAP	5.56		ND	mg/Kg-dry	1	04/13/2011 12:54	67304
Surr: n-Tetracontane		50.6-140		80.7	%REC	1	04/13/2011 12:54	67304
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Naphthalene	NELAP	0.019	S	2.30	mg/Kg-dry	5	04/13/2011 14:38	67303
<i>Matrix interference present in sample.</i>								
<i>Marginal Exceedance, Acenaphthene is out low. LCS is verified per NELAC Appendix D 1.1.2</i>								
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	0.565		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
1,2-Dichlorobenzene	NELAP	0.565		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
1,3-Dichlorobenzene	NELAP	0.565		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
1,4-Dichlorobenzene	NELAP	0.565		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
2,4,5-Trichlorophenol	NELAP	0.395		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
2,4,6-Trichlorophenol	NELAP	0.395		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
2,4-Dichlorophenol	NELAP	0.565		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
2,4-Dimethylphenol	NELAP	0.565		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
2,4-Dinitrophenol	NELAP	1.13		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
2,4-Dinitrotoluene	NELAP	0.395		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
2,6-Dinitrotoluene	NELAP	0.395		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
2-Chloronaphthalene	NELAP	0.395		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
2-Chlorophenol	NELAP	0.565		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
2-Methoxy-4-methylphenol		0.734		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
2-Methylnaphthalene	NELAP	0.395	J	0.31	mg/Kg-dry	1	04/13/2011 9:42	67277
2-Nitroaniline	NELAP	1.13		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
2-Nitrophenol	NELAP	0.395		ND	mg/Kg-dry	1	04/13/2011 9:42	67277

## PRELIMINARY REPORT

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Client: PSC Industrial Outsourcing, LP

Work Order: 11040502

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

Report Date: 14-Apr-11

Lab ID: 11040502-001

Client Sample ID: P8-E1.2-F (20 ft)

Matrix: SOLID

Collection Date: 04/11/2011 13:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
3,3'-Dichlorobenzidine	NELAP	0.395		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
3-Nitroaniline	NELAP	1.13		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
4,6-Dinitro-2-methylphenol	NELAP	1.13		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
4-Bromophenyl phenyl ether	NELAP	0.395		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
4-Chloro-3-methylphenol	NELAP	0.565		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
4-Chloroaniline	NELAP	0.565		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
4-Chlorophenyl phenyl ether	NELAP	0.395		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
4-Nitroaniline	NELAP	0.565		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
4-Nitrophenol	NELAP	0.395		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
Aniline	NELAP	0.565		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
Azobenzene		0.395		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
Benzidine	NELAP	1.19		see note	mg/Kg-dry	1	04/13/2011 9:42	67277
Benzoic acid	NELAP	1.69		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
Benzyl alcohol	NELAP	0.565		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
Bis(2-chloroethoxy)methane	NELAP	0.395		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
Bis(2-chloroethyl)ether	NELAP	0.565		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
Bis(2-chloroisopropyl)ether	NELAP	0.395		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
Butyl benzyl phthalate	NELAP	0.395		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
Carbazole		0.565		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
Dibenzofuran	NELAP	0.395		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
Diethyl phthalate	NELAP	0.565		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
Dimethyl phthalate	NELAP	0.395		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
Di-n-butyl phthalate	NELAP	0.395		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
Di-n-octyl phthalate	NELAP	0.395		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
Hexachlorobenzene	NELAP	0.395		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
Hexachlorobutadiene	NELAP	0.565		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
Hexachlorocyclopentadiene	NELAP	0.395		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
Hexachloroethane	NELAP	0.565		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
Isophorone	NELAP	0.395		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
m,p-Cresol	NELAP	0.565		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
Nitrobenzene	NELAP	0.565		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
N-Nitrosodimethylamine	NELAP	0.565		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
N-Nitroso-di-n-propylamine	NELAP	0.565		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
N-Nitrosodiphenylamine	NELAP	0.565		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
o-Cresol	NELAP	0.565		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
Pentachlorophenol	NELAP	2.26		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
Phenol	NELAP	0.395		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
Pyridine	NELAP	0.565		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
1,2-Diphenylhydrazine		0.949		ND	mg/Kg-dry	1	04/13/2011 9:42	67277
Surr: 2,4,6-Tribromophenol		32.7-130		90.3	%REC	1	04/13/2011 9:42	67277
Surr: 2-Fluorobiphenyl		34.1-116		82.8	%REC	1	04/13/2011 9:42	67277
Surr: 2-Fluorophenol		30.5-99		72.6	%REC	1	04/13/2011 9:42	67277
Surr: Nitrobenzene-d5		34.1-101		67.5	%REC	1	04/13/2011 9:42	67277

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Work Order: 11040502

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

Report Date: 14-Apr-11

Lab ID: 11040502-001

Client Sample ID: P8-E1.2-F (20 ft)

Matrix: SOLID

Collection Date: 04/11/2011 13:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Surr: Phenol-d5		34.9-110		74.5	%REC	1	04/13/2011 9:42	67277
Surr: p-Terphenyl-d14		41.7-124		92.5	%REC	1	04/13/2011 9:42	67277
<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	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
1,1,1-Trichloroethane	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
1,1,2,2-Tetrachloroethane	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
1,1,2-Trichloro-1,2,2-trifluoroethane		104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
1,1,2-Trichloroethane	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
1,1-Dichloro-2-propanone		1040		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
1,1-Dichloroethane	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
1,1-Dichloroethene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
1,1-Dichloropropene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
1,2,3-Trichlorobenzene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
1,2,3-Trichloropropane	NELAP	207		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
1,2,3-Trimethylbenzene		104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
1,2,4-Trichlorobenzene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
1,2,4-Trimethylbenzene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
1,2-Dibromo-3-chloropropane	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
1,2-Dibromoethane	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
1,2-Dichlorobenzene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
1,2-Dichloroethane	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
1,2-Dichloropropane	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
1,3,5-Trimethylbenzene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
1,3-Dichlorobenzene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
1,3-Dichloropropane	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
1,4-Dichlorobenzene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
1-Chlorobutane	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
2,2-Dichloropropane	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
2-Butanone	NELAP	1040		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
2-Chlorotoluene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
2-Hexanone	NELAP	1040		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
2-Nitropropane	NELAP	1040		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
4-Chlorotoluene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
4-Methyl-2-pentanone	NELAP	1040		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Acetone	NELAP	1040		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Acetonitrile	NELAP	2070		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Acrolein	NELAP	2070		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Acrylonitrile	NELAP	207		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Allyl chloride	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Benzene	NELAP	20.7		1340	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Bromobenzene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Bromochloromethane	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327

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Work Order: 11040502

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

Report Date: 14-Apr-11

Lab ID: 11040502-001

Client Sample ID: P8-E1.2-F (20 ft)

Matrix: SOLID

Collection Date: 04/11/2011 13:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Bromodichloromethane	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Bromoform	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Bromomethane	NELAP	207		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Carbon disulfide	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Carbon tetrachloride	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Chlorobenzene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Chloroethane	NELAP	207		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Chloroform	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Chloromethane	NELAP	207		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
cis-1,2-Dichloroethene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
cis-1,3-Dichloropropene	NELAP	82.9		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Cyclohexanone		2070		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Dibromochloromethane	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Dibromomethane	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Dichlorodifluoromethane	NELAP	207		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Ethyl acetate	NELAP	1040		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Ethyl ether	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Ethyl methacrylate	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Ethylbenzene	NELAP	104		181	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Gasoline Range Organics (OA-1)		20700		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Heptane		414		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Hexachlorobutadiene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Hexachloroethane	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Iodomethane	NELAP	207		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Isopropylbenzene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
m,p-Xylenes	NELAP	104		120	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Methacrylonitrile	NELAP	1040		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Methyl Methacrylate	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Methyl tert-butyl ether	NELAP	41.4		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Methylacrylate		207		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Methylene chloride	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Naphthalene	NELAP	207	J	83	µg/Kg-dry	12.5	04/13/2011 14:04	67327
n-Butylbenzene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
n-Hexane		414		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Nitrobenzene	NELAP	2070		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
n-Propylbenzene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
o-Xylene	NELAP	104		324	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Pentachloroethane	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
p-Isopropyltoluene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Propionitrile	NELAP	1040		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
sec-Butylbenzene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Styrene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
tert-Butylbenzene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327

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# Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11040502

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Collection Date: 04/11/2011 13:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Tetrachloroethene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Tetrahydrofuran	NELAP	1040		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Toluene	NELAP	104		421	µg/Kg-dry	12.5	04/13/2011 14:04	67327
trans-1,2-Dichloroethene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
trans-1,3-Dichloropropene	NELAP	82.9		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
trans-1,4-Dichloro-2-butene	NELAP	207		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Trichloroethene	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Trichlorofluoromethane	NELAP	104		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Vinyl acetate	NELAP	1040		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Vinyl chloride	NELAP	41.4		ND	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Xylenes, Total	NELAP	104		443	µg/Kg-dry	12.5	04/13/2011 14:04	67327
Surr: 1,2-Dichloroethane-d4		72.2-131		108.3	%REC	12.5	04/13/2011 14:04	67327
Surr: 4-Bromofluorobenzene		82.1-116		106.7	%REC	12.5	04/13/2011 14:04	67327
Surr: Dibromofluoromethane		77.7-120		103.0	%REC	12.5	04/13/2011 14:04	67327
Surr: Toluene-d8		86-116		91.5	%REC	12.5	04/13/2011 14:04	67327

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

## PRELIMINARY REPORT

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Client: PSC Industrial Outsourcing, LP

Work Order: 11040502

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

Report Date: 14-Apr-11

Lab ID: 11040502-002

Client Sample ID: 30984-treated-4/11/11

Matrix: AQUEOUS

Collection Date: 04/11/2011 15:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch	
<b>STANDARD METHOD 18TH ED. 4500-H B, LABORATORY ANALYZED</b>									
Lab pH	NELAP	1.00		8.43		1	04/12/2011 18:05	R148027	
<b>STANDARD METHODS 18TH ED. 2540 D</b>									
Total Suspended Solids	NELAP	6		15	mg/L	1	04/13/2011 9:40	R148051	
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>									
Arsenic	NELAP	0.0250		< 0.0250	mg/L	1	04/13/2011 10:27	67300	
Barium	NELAP	0.0050		0.462	mg/L	1	04/13/2011 10:27	67300	
Cadmium	NELAP	0.0020		< 0.0020	mg/L	1	04/13/2011 10:27	67300	
Chromium	NELAP	0.0100	J	0.0051	mg/L	1	04/13/2011 10:27	67300	
Selenium	NELAP	0.0500		< 0.0500	mg/L	1	04/13/2011 10:27	67300	
Silver	NELAP	0.0100		< 0.0100	mg/L	1	04/13/2011 10:27	67300	
<b>SW-846 3020A, METALS BY GFAA (TOTAL)</b>									
Lead	7421	NELAP	0.0020	J	0.0018	mg/L	1	04/13/2011 11:52	67299
<b>SW-846 7470A (TOTAL)</b>									
Mercury	NELAP	0.00020		< 0.00020	mg/L	1	04/13/2011 9:37	67310	
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>									
Benzene	NELAP	2.0		39.0	µg/L	1	04/12/2011 21:08	67332	
Ethylbenzene	NELAP	5.0	J	2.0	µg/L	1	04/12/2011 21:08	67332	
Toluene	NELAP	5.0		15.0	µg/L	1	04/12/2011 21:08	67332	
Xylenes, Total	NELAP	5.0		6.8	µg/L	1	04/12/2011 21:08	67332	
Surr: 1,2-Dichloroethane-d4		74.7-129		99.8	%REC	1	04/12/2011 21:08	67332	
Surr: 4-Bromofluorobenzene		86-119		103.9	%REC	1	04/12/2011 21:08	67332	
Surr: Dibromofluoromethane		81.7-123		105.3	%REC	1	04/12/2011 21:08	67332	
Surr: Toluene-d8		84.3-114		99.5	%REC	1	04/12/2011 21:08	67332	

## PRELIMINARY REPORT

A preliminary report contains data that is incomplete or data that has not been fully validated. Caution should be exercised in the use of any data presented, as final reported results may not reflect the values presented.

Client: PSC Industrial Outsourcing, LP

Work Order: 11040502

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

Report Date: 14-Apr-11

Lab ID: 11040502-003

Client Sample ID: 4419-treated-4/12/11

Matrix: AQUEOUS

Collection Date: 04/12/2011 9:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>STANDARD METHOD 18TH ED. 4500-H B, LABORATORY ANALYZED</b>								
Lab pH	NELAP	1.00		<b>8.39</b>		1	04/12/2011 18:05	R148027
<b>STANDARD METHODS 18TH ED. 2540 D</b>								
Total Suspended Solids	NELAP	6		<b>6</b>	mg/L	1	04/13/2011 9:40	R148051
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>								
Arsenic	NELAP	0.0250		<b>&lt; 0.0250</b>	mg/L	1	04/13/2011 10:43	67300
Barium	NELAP	0.0050		<b>0.424</b>	mg/L	1	04/13/2011 10:43	67300
Cadmium	NELAP	0.0020		<b>&lt; 0.0020</b>	mg/L	1	04/13/2011 10:43	67300
Chromium	NELAP	0.0100	J	<b>0.0074</b>	mg/L	1	04/13/2011 10:43	67300
Selenium	NELAP	0.0500		<b>&lt; 0.0500</b>	mg/L	1	04/13/2011 10:43	67300
Silver	NELAP	0.0100		<b>&lt; 0.0100</b>	mg/L	1	04/13/2011 10:43	67300
<b>SW-846 3020A, METALS BY GFAA (TOTAL)</b>								
Lead	7421	NELAP	0.0020	<b>&lt; 0.0020</b>	mg/L	1	04/13/2011 10:54	67299
<b>SW-846 7470A (TOTAL)</b>								
Mercury	NELAP	0.00020		<b>&lt; 0.00020</b>	mg/L	1	04/13/2011 9:37	67310
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2.0		<b>27.4</b>	µg/L	1	04/12/2011 21:37	67332
Ethylbenzene	NELAP	5.0	J	<b>1.5</b>	µg/L	1	04/12/2011 21:37	67332
Toluene	NELAP	5.0		<b>10.5</b>	µg/L	1	04/12/2011 21:37	67332
Xylenes, Total	NELAP	5.0	J	<b>4.8</b>	µg/L	1	04/12/2011 21:37	67332
Surr: 1,2-Dichloroethane-d4		74.7-129		<b>99.7</b>	%REC	1	04/12/2011 21:37	67332
Surr: 4-Bromofluorobenzene		86-119		<b>103.7</b>	%REC	1	04/12/2011 21:37	67332
Surr: Dibromofluoromethane		81.7-123		<b>103.8</b>	%REC	1	04/12/2011 21:37	67332
Surr: Toluene-d8		84.3-114		<b>97.1</b>	%REC	1	04/12/2011 21:37	67332

## PRELIMINARY REPORT

A preliminary report contains data that is incomplete or data that has not been fully validated. Caution should be exercised in the use of any data presented, as final reported results may not reflect the values presented.



# Chain of Custody Record

210 West Sand Bank Road  
P.O. Box 230  
Columbia, IL 62236-0230

COC Serial No. **B** 10003

11040502

Project Name: Champaign MGP Project Mgr.: Pete Szazama  
Project Number: 024-098-0120 Cost Code: J0002  
Sampler(s): J. Purdy / J. Blanton

Laboratory Name: TekLab  
Location: Collinsville, IL

Sample Number and (depth)	Date	Time	Matrix					Total Number of Containers
			Soil	Water	Air	Wipes	Other *	
P8-E1.2-F(20')	4/11/11	1350	X					6
30984-treated-4/11/11	4/11/11	1515	X					7
4419-treated-4/12/11	4/12/11	0900	X					7

Analyses by Method Name and Number		Comments (Field PID)	Lab ID #s
Method Name	Number		
VOCs 8460	X		11040502-cc1
SVCS 8470	X		cc2
SVCS 8470 Sims	X		cc3
PCPA Metals	X		
Total Ammonia Chloride	X		
TPH (OP1 + OP2)	X		
BTEX 8460	X		
TSS	X		
BODs	X		
pH	X		

Laboratory Temperature upon Receipt  
2.2  
4/12/11  
HEADSPACE TM  
4-12-11

TekLab, Inc.  
Courier PickUp

# 1 DAY

**Samples Iced:**  Yes  No

**Preservatives (ONLY for Water Samples)**

- 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:**  5 Days  STD  Other

Requested TAT:  Rush  
 Fax and/or Mail Results to: P. Szazama & L. Hoosler  
 Send Invoice to: \_\_\_\_\_  
 QC Deliverable Requested:  Full QC & Limits  CLP-LIKE  EDD  Other  
 Special Guidelines: \_\_\_\_\_  
 Reporting Limits: \_\_\_\_\_  
 \* Special: \_\_\_\_\_

**Shipping:**

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

Distribution:  WHITE to Lab  CANARY to PM  PINK to QA/QC  GREEN to Sampler  PE-179 (6/03)

**Relinquished by:**

Signature:

Date: 4/12/11 Time: 1025

**Received by:**

Signature:

Date: 4/12/11 Time: 1025

Shaded Areas to be Completed by Lab

April 29, 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:** 11040503

Dear Pete Sazama:

TEKLAB, INC received 4 samples on 4/12/2011 2:15:00 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,



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



## Report Contents

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

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**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040503

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

**Report Date:** 29-Apr-11

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**This reporting package includes the following:**

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**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040503

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

**Report Date:** 29-Apr-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:** 11040503

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

**Report Date:** 29-Apr-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	6/30/2011	Collinsville
Louisiana	LDEQ	166578	NELAP	6/30/2011	Springfield
Arkansas	ADEQ	88-0966		3/14/2012	Collinsville
Illinois	IDPH	17584		5/31/2011	Collinsville
Kentucky	UST	0073		5/26/2012	Collinsville
Missouri	MDNR	00930		5/31/2011	Collinsville
Oklahoma	ODEQ	9978		8/31/2011	Collinsville

Client: PSC Industrial Outsourcing, LP

Work Order: 11040503

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

Report Date: 29-Apr-11

Lab ID: 11040503-001

Client Sample ID: P8-H1-W (19 ft)

Matrix: SOLID

Collection Date: 04/11/2011 13:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		10.3	%	1	04/14/2011 16:05	R148171
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		89.7	%	1	04/14/2011 16:05	R148153
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.557		< 0.557	mg/Kg-dry	1	04/13/2011 10:40	R148078
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.56	J	0.54	mg/Kg-dry	1	04/13/2011 10:40	R148078
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.23		7.65	mg/Kg-dry	1	04/15/2011 11:47	67372
Barium	NELAP	0.45		16.9	mg/Kg-dry	1	04/15/2011 11:47	67372
Cadmium	NELAP	0.18	J	0.18	mg/Kg-dry	1	04/15/2011 11:47	67372
Chromium	NELAP	0.89		14.5	mg/Kg-dry	1	04/15/2011 11:47	67372
Lead	NELAP	3.57		9.55	mg/Kg-dry	1	04/15/2011 11:47	67372
Silver	NELAP	0.49		< 0.49	mg/Kg-dry	1	04/15/2011 11:47	67372
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.536		< 0.536	mg/Kg-dry	1	04/16/2011 9:45	67371
<b>SW-846 7471A</b>								
Mercury	NELAP	0.011	J	0.008	mg/Kg-dry	1	04/15/2011 13:15	67376
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	04/27/2011 12:57	67640
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	04/27/2011 12:57	67640
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	04/27/2011 12:57	67640
Benzo(a)anthracene	NELAP	0.004	J	0.004	mg/Kg-dry	1	04/27/2011 12:57	67640
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	04/27/2011 12:57	67640
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	04/27/2011 12:57	67640
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	04/27/2011 12:57	67640
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	04/27/2011 12:57	67640
Bis(2-ethylhexyl)phthalate	NELAP	0.075		ND	mg/Kg-dry	1	04/27/2011 12:57	67640
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	04/27/2011 12:57	67640
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	04/27/2011 12:57	67640
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	04/27/2011 12:57	67640
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	04/27/2011 12:57	67640
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	04/27/2011 12:57	67640
Naphthalene	NELAP	0.004		0.009	mg/Kg-dry	1	04/27/2011 12:57	67640
Phenanthrene	NELAP	0.004		0.012	mg/Kg-dry	1	04/27/2011 12:57	67640
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	04/27/2011 12:57	67640
Surr: 2-Fluorobiphenyl		10-131		78.2	%REC	1	04/27/2011 12:57	67640
Surr: Nitrobenzene-d5		10-132		66.5	%REC	1	04/27/2011 12:57	67640
Surr: p-Terphenyl-d14		30.6-131		96.3	%REC	1	04/27/2011 12:57	67640
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	0.557		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
1,2-Dichlorobenzene	NELAP	0.557		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
1,3-Dichlorobenzene	NELAP	0.557		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
1,4-Dichlorobenzene	NELAP	0.557		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
2,4,5-Trichlorophenol	NELAP	0.390		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
2,4,6-Trichlorophenol	NELAP	0.390		ND	mg/Kg-dry	1	04/27/2011 18:27	67639

Client: PSC Industrial Outsourcing, LP

Work Order: 11040503

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

Report Date: 29-Apr-11

Lab ID: 11040503-001

Client Sample ID: P8-H1-W (19 ft)

Matrix: SOLID

Collection Date: 04/11/2011 13:10

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-Dichlorophenol	NELAP	0.557		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
2,4-Dimethylphenol	NELAP	0.557		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
2,4-Dinitrophenol	NELAP	1.11		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
2,4-Dinitrotoluene	NELAP	0.390		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
2,6-Dinitrotoluene	NELAP	0.390		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
2-Chloronaphthalene	NELAP	0.390		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
2-Chlorophenol	NELAP	0.557		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
2-Methoxy-4-methylphenol		0.725		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
2-Methylnaphthalene	NELAP	0.390		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
2-Nitroaniline	NELAP	1.11		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
2-Nitrophenol	NELAP	0.390		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
3,3'-Dichlorobenzidine	NELAP	0.390		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
3-Nitroaniline	NELAP	1.11		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
4,6-Dinitro-2-methylphenol	NELAP	1.11		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
4-Bromophenyl phenyl ether	NELAP	0.390		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
4-Chloro-3-methylphenol	NELAP	0.557		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
4-Chloroaniline	NELAP	0.557		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
4-Chlorophenyl phenyl ether	NELAP	0.390		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
4-Nitroaniline	NELAP	0.557		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
4-Nitrophenol	NELAP	0.390		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
Aniline	NELAP	0.557		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
Azobenzene		0.390		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
Benzidine	NELAP	1.18		see note	mg/Kg-dry	1	04/27/2011 18:27	67639
Benzoic acid	NELAP	1.67		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
Benzyl alcohol	NELAP	0.557		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
Bis(2-chloroethoxy)methane	NELAP	0.390		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
Bis(2-chloroethyl)ether	NELAP	0.557		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
Bis(2-chloroisopropyl)ether	NELAP	0.390		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
Butyl benzyl phthalate	NELAP	0.390		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
Carbazole		0.557		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
Dibenzofuran	NELAP	0.390		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
Diethyl phthalate	NELAP	0.557		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
Dimethyl phthalate	NELAP	0.390		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
Di-n-butyl phthalate	NELAP	0.390		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
Di-n-octyl phthalate	NELAP	0.390		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
Hexachlorobenzene	NELAP	0.390		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
Hexachlorobutadiene	NELAP	0.557		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
Hexachlorocyclopentadiene	NELAP	0.390		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
Hexachloroethane	NELAP	0.557		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
Isophorone	NELAP	0.390		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
m,p-Cresol	NELAP	0.557		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
Nitrobenzene	NELAP	0.557		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
N-Nitrosodimethylamine	NELAP	0.557		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
N-Nitroso-di-n-propylamine	NELAP	0.557		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
N-Nitrosodiphenylamine	NELAP	0.557		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
o-Cresol	NELAP	0.557		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
Pentachlorophenol	NELAP	2.23		ND	mg/Kg-dry	1	04/27/2011 18:27	67639

Client: PSC Industrial Outsourcing, LP

Work Order: 11040503

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

Report Date: 29-Apr-11

Lab ID: 11040503-001

Client Sample ID: P8-H1-W (19 ft)

Matrix: SOLID

Collection Date: 04/11/2011 13:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Phenol	NELAP	0.390		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
Pyridine	NELAP	0.557		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
1,2-Diphenylhydrazine		0.936		ND	mg/Kg-dry	1	04/27/2011 18:27	67639
Surr: 2,4,6-Tribromophenol		32.7-130		82.0	%REC	1	04/27/2011 18:27	67639
Surr: 2-Fluorobiphenyl		34.1-116		81.0	%REC	1	04/27/2011 18:27	67639
Surr: 2-Fluorophenol		30.5-99		78.1	%REC	1	04/27/2011 18:27	67639
Surr: Nitrobenzene-d5		34.1-101		83.4	%REC	1	04/27/2011 18:27	67639
Surr: Phenol-d5		34.9-110		81.0	%REC	1	04/27/2011 18:27	67639
Surr: p-Terphenyl-d14		41.7-124		93.0	%REC	1	04/27/2011 18:27	67639

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	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
1,1,1-Trichloroethane	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
1,1,2,2-Tetrachloroethane	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
1,1,2-Trichloro-1,2,2-trifluoroethane		97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
1,1,2-Trichloroethane	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
1,1-Dichloro-2-propanone		97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
1,1-Dichloroethane	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
1,1-Dichloroethene	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
1,1-Dichloropropene	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
1,2,3-Trichlorobenzene	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
1,2,3-Trichloropropane	NELAP	194		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
1,2,3-Trimethylbenzene		97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
1,2,4-Trichlorobenzene	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
1,2,4-Trimethylbenzene	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
1,2-Dibromo-3-chloropropane	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
1,2-Dibromoethane	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
1,2-Dichlorobenzene	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
1,2-Dichloroethane	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
1,2-Dichloropropane	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
1,3,5-Trimethylbenzene	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
1,3-Dichlorobenzene	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
1,3-Dichloropropane	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
1,4-Dichlorobenzene	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
1-Chlorobutane	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
2,2-Dichloropropane	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
2-Butanone	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
2-Chlorotoluene	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
2-Hexanone	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
2-Nitropropane	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
4-Chlorotoluene	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
4-Methyl-2-pentanone	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
Acetone	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
Acrolein	NELAP	1940		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
Acrylonitrile	NELAP	194		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
Allyl chloride	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
Benzene	NELAP	19.4		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478

Client: PSC Industrial Outsourcing, LP

Work Order: 11040503

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

Report Date: 29-Apr-11

Lab ID: 11040503-001

Client Sample ID: P8-H1-W (19 ft)

Matrix: SOLID

Collection Date: 04/11/2011 13:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Bromobenzene	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
Bromochloromethane	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
Bromodichloromethane	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
Bromoform	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
Bromomethane	NELAP	194		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
Carbon disulfide	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
Carbon tetrachloride	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
Chlorobenzene	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
Chloroethane	NELAP	194		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
Chloroform	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
Chloromethane	NELAP	194		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
cis-1,2-Dichloroethene	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
cis-1,3-Dichloropropene	NELAP	77.7		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
Cyclohexanone		1940		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
Dibromochloromethane	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
Dibromomethane	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
Dichlorodifluoromethane	NELAP	194		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
Ethyl acetate	NELAP	972		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
Ethyl ether	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
Ethyl methacrylate	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
Ethylbenzene	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
Heptane		389		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
Hexachlorobutadiene	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
Hexachloroethane	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
Iodomethane	NELAP	194		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
Isopropylbenzene	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
m,p-Xylenes	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
Methacrylonitrile	NELAP	972		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
Methyl Methacrylate	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
Methyl tert-butyl ether	NELAP	38.9		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
Methylacrylate		194		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
Methylene chloride	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
Naphthalene	NELAP	194		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
n-Butylbenzene	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
n-Hexane		389		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
Nitrobenzene	NELAP	1940		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
n-Propylbenzene	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
o-Xylene	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
Pentachloroethane	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
p-Isopropyltoluene	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
Propionitrile	NELAP	972		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
sec-Butylbenzene	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
Styrene	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
tert-Butylbenzene	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
Tetrachloroethene	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
Tetrahydrofuran	NELAP	972		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
Toluene	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478



## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040503

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

**Report Date:** 29-Apr-11

**Lab ID:** 11040503-001

**Client Sample ID:** P8-H1-W (19 ft)

**Matrix:** SOLID

**Collection Date:** 04/11/2011 13:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
trans-1,2-Dichloroethene	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
trans-1,3-Dichloropropene	NELAP	77.7		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
Trichloroethene	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
Trichlorofluoromethane	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
Vinyl acetate	NELAP	97.2		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
Vinyl chloride	NELAP	38.9		ND	µg/Kg-dry	12.5	04/16/2011 10:59	67478
Surr: 1,2-Dichloroethane-d4		72.2-131		110.4	%REC	12.5	04/16/2011 10:59	67478
Surr: 4-Bromofluorobenzene		82.1-116		106.6	%REC	12.5	04/16/2011 10:59	67478
Surr: Dibromofluoromethane		77.7-120		101.9	%REC	12.5	04/16/2011 10:59	67478
Surr: Toluene-d8		86-116		94.8	%REC	12.5	04/16/2011 10:59	67478

*Elevated reporting limit due to matrix interference.*

Client: PSC Industrial Outsourcing, LP

Work Order: 11040503

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

Report Date: 29-Apr-11

Lab ID: 11040503-002

Client Sample ID: P8-H2-W (19 ft)

Matrix: SOLID

Collection Date: 04/11/2011 13:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		10.6	%	1	04/14/2011 16:05	R148171
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		89.4	%	1	04/14/2011 16:05	R148153
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.582		< 0.582	mg/Kg-dry	1	04/13/2011 10:40	R148078
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.58	J	0.51	mg/Kg-dry	1	04/13/2011 10:40	R148078
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.50		7.92	mg/Kg-dry	1	04/15/2011 12:19	67372
Barium	NELAP	0.50		17.2	mg/Kg-dry	1	04/15/2011 12:19	67372
Cadmium	NELAP	0.20		< 0.20	mg/Kg-dry	1	04/15/2011 12:19	67372
Chromium	NELAP	1.00		14.5	mg/Kg-dry	1	04/15/2011 12:19	67372
Lead	NELAP	4.00		11.1	mg/Kg-dry	1	04/15/2011 12:19	67372
Silver	NELAP	0.55		< 0.55	mg/Kg-dry	1	04/15/2011 12:19	67372
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.536		< 0.536	mg/Kg-dry	1	04/16/2011 9:49	67371
<b>SW-846 7471A</b>								
Mercury	NELAP	0.011	J	0.008	mg/Kg-dry	1	04/15/2011 13:15	67376
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	04/28/2011 1:14	67640
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	04/28/2011 1:14	67640
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	04/28/2011 1:14	67640
Benzo(a)anthracene	NELAP	0.004	J	0.003	mg/Kg-dry	1	04/28/2011 1:14	67640
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	04/28/2011 1:14	67640
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	04/28/2011 1:14	67640
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	04/28/2011 1:14	67640
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	04/28/2011 1:14	67640
Bis(2-ethylhexyl)phthalate	NELAP	0.075		ND	mg/Kg-dry	1	04/28/2011 1:14	67640
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	04/28/2011 1:14	67640
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	04/28/2011 1:14	67640
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	04/28/2011 1:14	67640
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	04/28/2011 1:14	67640
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	04/28/2011 1:14	67640
Naphthalene	NELAP	0.004		0.007	mg/Kg-dry	1	04/28/2011 1:14	67640
Phenanthrene	NELAP	0.004		0.008	mg/Kg-dry	1	04/28/2011 1:14	67640
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	04/28/2011 1:14	67640
Surr: 2-Fluorobiphenyl		10-131		75.6	%REC	1	04/28/2011 1:14	67640
Surr: Nitrobenzene-d5		10-132		64.1	%REC	1	04/28/2011 1:14	67640
Surr: p-Terphenyl-d14		30.6-131		104.0	%REC	1	04/28/2011 1:14	67640
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	0.560		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
1,2-Dichlorobenzene	NELAP	0.560		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
1,3-Dichlorobenzene	NELAP	0.560		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
1,4-Dichlorobenzene	NELAP	0.560		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
2,4,5-Trichlorophenol	NELAP	0.392		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
2,4,6-Trichlorophenol	NELAP	0.392		ND	mg/Kg-dry	1	04/27/2011 19:00	67639



Client: PSC Industrial Outsourcing, LP

Work Order: 11040503

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Report Date: 29-Apr-11

Lab ID: 11040503-002

Client Sample ID: P8-H2-W (19 ft)

Matrix: SOLID

Collection Date: 04/11/2011 13:15

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-Dichlorophenol	NELAP	0.560		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
2,4-Dimethylphenol	NELAP	0.560		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
2,4-Dinitrophenol	NELAP	1.12		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
2,4-Dinitrotoluene	NELAP	0.392		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
2,6-Dinitrotoluene	NELAP	0.392		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
2-Chloronaphthalene	NELAP	0.392		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
2-Chlorophenol	NELAP	0.560		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
2-Methoxy-4-methylphenol		0.727		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
2-Methylnaphthalene	NELAP	0.392		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
2-Nitroaniline	NELAP	1.12		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
2-Nitrophenol	NELAP	0.392		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
3,3'-Dichlorobenzidine	NELAP	0.392		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
3-Nitroaniline	NELAP	1.12		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
4,6-Dinitro-2-methylphenol	NELAP	1.12		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
4-Bromophenyl phenyl ether	NELAP	0.392		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
4-Chloro-3-methylphenol	NELAP	0.560		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
4-Chloroaniline	NELAP	0.560		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
4-Chlorophenyl phenyl ether	NELAP	0.392		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
4-Nitroaniline	NELAP	0.560		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
4-Nitrophenol	NELAP	0.392		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
Aniline	NELAP	0.560		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
Azobenzene		0.392		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
Benzidine	NELAP	1.18		see note	mg/Kg-dry	1	04/27/2011 19:00	67639
Benzoic acid	NELAP	1.68		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
Benzyl alcohol	NELAP	0.560		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
Bis(2-chloroethoxy)methane	NELAP	0.392		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
Bis(2-chloroethyl)ether	NELAP	0.560		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
Bis(2-chloroisopropyl)ether	NELAP	0.392		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
Butyl benzyl phthalate	NELAP	0.392		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
Carbazole		0.560		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
Dibenzofuran	NELAP	0.392		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
Diethyl phthalate	NELAP	0.560		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
Dimethyl phthalate	NELAP	0.392		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
Di-n-butyl phthalate	NELAP	0.392		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
Di-n-octyl phthalate	NELAP	0.392		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
Hexachlorobenzene	NELAP	0.392		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
Hexachlorobutadiene	NELAP	0.560		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
Hexachlorocyclopentadiene	NELAP	0.392		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
Hexachloroethane	NELAP	0.560		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
Isophorone	NELAP	0.392		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
m,p-Cresol	NELAP	0.560		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
Nitrobenzene	NELAP	0.560		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
N-Nitrosodimethylamine	NELAP	0.560		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
N-Nitroso-di-n-propylamine	NELAP	0.560		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
N-Nitrosodiphenylamine	NELAP	0.560		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
o-Cresol	NELAP	0.560		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
Pentachlorophenol	NELAP	2.24		ND	mg/Kg-dry	1	04/27/2011 19:00	67639

Client: PSC Industrial Outsourcing, LP

Work Order: 11040503

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

Report Date: 29-Apr-11

Lab ID: 11040503-002

Client Sample ID: P8-H2-W (19 ft)

Matrix: SOLID

Collection Date: 04/11/2011 13:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Phenol	NELAP	0.392		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
Pyridine	NELAP	0.560		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
1,2-Diphenylhydrazine		0.940		ND	mg/Kg-dry	1	04/27/2011 19:00	67639
Surr: 2,4,6-Tribromophenol		32.7-130		87.8	%REC	1	04/27/2011 19:00	67639
Surr: 2-Fluorobiphenyl		34.1-116		82.5	%REC	1	04/27/2011 19:00	67639
Surr: 2-Fluorophenol		30.5-99		75.0	%REC	1	04/27/2011 19:00	67639
Surr: Nitrobenzene-d5		34.1-101		83.8	%REC	1	04/27/2011 19:00	67639
Surr: Phenol-d5		34.9-110		80.3	%REC	1	04/27/2011 19:00	67639
Surr: p-Terphenyl-d14		41.7-124		95.2	%REC	1	04/27/2011 19:00	67639

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	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
1,1,1-Trichloroethane	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
1,1,2,2-Tetrachloroethane	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
1,1,2-Trichloro-1,2,2-trifluoroethane		104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
1,1,2-Trichloroethane	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
1,1-Dichloro-2-propanone		1040		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
1,1-Dichloroethane	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
1,1-Dichloroethene	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
1,1-Dichloropropene	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
1,2,3-Trichlorobenzene	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
1,2,3-Trichloropropane	NELAP	208		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
1,2,3-Trimethylbenzene		104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
1,2,4-Trichlorobenzene	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
1,2,4-Trimethylbenzene	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
1,2-Dibromo-3-chloropropane	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
1,2-Dibromoethane	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
1,2-Dichlorobenzene	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
1,2-Dichloroethane	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
1,2-Dichloropropane	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
1,3,5-Trimethylbenzene	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
1,3-Dichlorobenzene	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
1,3-Dichloropropane	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
1,4-Dichlorobenzene	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
1-Chlorobutane	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
2,2-Dichloropropane	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
2-Butanone	NELAP	1040		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
2-Chlorotoluene	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
2-Hexanone	NELAP	1040		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
2-Nitropropane	NELAP	1040		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
4-Chlorotoluene	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
4-Methyl-2-pentanone	NELAP	1040		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
Acetone	NELAP	1040		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
Acrolein	NELAP	2080		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
Acrylonitrile	NELAP	208		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
Allyl chloride	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
Benzene	NELAP	20.8		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478

Client: PSC Industrial Outsourcing, LP

Work Order: 11040503

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

Report Date: 29-Apr-11

Lab ID: 11040503-002

Client Sample ID: P8-H2-W (19 ft)

Matrix: SOLID

Collection Date: 04/11/2011 13:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Bromobenzene	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
Bromochloromethane	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
Bromodichloromethane	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
Bromoform	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
Bromomethane	NELAP	208		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
Carbon disulfide	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
Carbon tetrachloride	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
Chlorobenzene	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
Chloroethane	NELAP	208		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
Chloroform	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
Chloromethane	NELAP	208		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
cis-1,2-Dichloroethene	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
cis-1,3-Dichloropropene	NELAP	83.0		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
Cyclohexanone		2080		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
Dibromochloromethane	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
Dibromomethane	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
Dichlorodifluoromethane	NELAP	208		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
Ethyl acetate	NELAP	1040		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
Ethyl ether	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
Ethyl methacrylate	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
Ethylbenzene	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
Heptane		415		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
Hexachlorobutadiene	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
Hexachloroethane	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
Iodomethane	NELAP	208		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
Isopropylbenzene	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
m,p-Xylenes	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
Methacrylonitrile	NELAP	1040		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
Methyl Methacrylate	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
Methyl tert-butyl ether	NELAP	41.5		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
Methylacrylate		208		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
Methylene chloride	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
Naphthalene	NELAP	208		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
n-Butylbenzene	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
n-Hexane		415		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
Nitrobenzene	NELAP	2080		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
n-Propylbenzene	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
o-Xylene	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
Pentachloroethane	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
p-Isopropyltoluene	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
Propionitrile	NELAP	1040		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
sec-Butylbenzene	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
Styrene	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
tert-Butylbenzene	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
Tetrachloroethene	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
Tetrahydrofuran	NELAP	1040		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
Toluene	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478



## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040503

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

**Report Date:** 29-Apr-11

**Lab ID:** 11040503-002

**Client Sample ID:** P8-H2-W (19 ft)

**Matrix:** SOLID

**Collection Date:** 04/11/2011 13:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
trans-1,2-Dichloroethene	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
trans-1,3-Dichloropropene	NELAP	83.0		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
Trichloroethene	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
Trichlorofluoromethane	NELAP	104		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
Vinyl acetate	NELAP	1040		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
Vinyl chloride	NELAP	41.5		ND	µg/Kg-dry	12.5	04/16/2011 11:28	67478
Surr: 1,2-Dichloroethane-d4		72.2-131		113.4	%REC	12.5	04/16/2011 11:28	67478
Surr: 4-Bromofluorobenzene		82.1-116		107.7	%REC	12.5	04/16/2011 11:28	67478
Surr: Dibromofluoromethane		77.7-120		102.0	%REC	12.5	04/16/2011 11:28	67478
Surr: Toluene-d8		86-116		93.7	%REC	12.5	04/16/2011 11:28	67478

*Elevated reporting limit due to matrix interference.*

Client: PSC Industrial Outsourcing, LP

Work Order: 11040503

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

Report Date: 29-Apr-11

Lab ID: 11040503-003

Client Sample ID: P8-H3-W (19 ft)

Matrix: SOLID

Collection Date: 04/11/2011 13:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		10.5	%	1	04/14/2011 16:05	R148171
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		89.5	%	1	04/14/2011 16:05	R148153
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.559		< 0.559	mg/Kg-dry	1	04/13/2011 10:40	R148078
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.56	J	0.56	mg/Kg-dry	1	04/13/2011 10:40	R148078
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.27		7.65	mg/Kg-dry	1	04/15/2011 12:25	67372
Barium	NELAP	0.45		19.4	mg/Kg-dry	1	04/15/2011 12:25	67372
Cadmium	NELAP	0.18		0.22	mg/Kg-dry	1	04/15/2011 12:25	67372
Chromium	NELAP	0.91		13.8	mg/Kg-dry	1	04/15/2011 12:25	67372
Lead	NELAP	3.64		15.7	mg/Kg-dry	1	04/15/2011 12:25	67372
Silver	NELAP	0.50		< 0.50	mg/Kg-dry	1	04/15/2011 12:25	67372
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.600		< 0.600	mg/Kg-dry	1	04/16/2011 9:52	67371
<b>SW-846 7471A</b>								
Mercury	NELAP	0.011	J	0.008	mg/Kg-dry	1	04/15/2011 13:15	67376
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	04/28/2011 1:51	67640
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	04/28/2011 1:51	67640
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	04/28/2011 1:51	67640
Benzo(a)anthracene	NELAP	0.004	J	0.003	mg/Kg-dry	1	04/28/2011 1:51	67640
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	04/28/2011 1:51	67640
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	04/28/2011 1:51	67640
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	04/28/2011 1:51	67640
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	04/28/2011 1:51	67640
Bis(2-ethylhexyl)phthalate	NELAP	0.075		ND	mg/Kg-dry	1	04/28/2011 1:51	67640
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	04/28/2011 1:51	67640
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	04/28/2011 1:51	67640
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	04/28/2011 1:51	67640
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	04/28/2011 1:51	67640
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	04/28/2011 1:51	67640
Naphthalene	NELAP	0.004		0.008	mg/Kg-dry	1	04/28/2011 1:51	67640
Phenanthrene	NELAP	0.004		0.009	mg/Kg-dry	1	04/28/2011 1:51	67640
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	04/28/2011 1:51	67640
Surr: 2-Fluorobiphenyl		10-131		78.1	%REC	1	04/28/2011 1:51	67640
Surr: Nitrobenzene-d5		10-132		64.7	%REC	1	04/28/2011 1:51	67640
Surr: p-Terphenyl-d14		30.6-131		77.0	%REC	1	04/28/2011 1:51	67640
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	0.559		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
1,2-Dichlorobenzene	NELAP	0.559		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
1,3-Dichlorobenzene	NELAP	0.559		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
1,4-Dichlorobenzene	NELAP	0.559		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
2,4,5-Trichlorophenol	NELAP	0.391		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
2,4,6-Trichlorophenol	NELAP	0.391		ND	mg/Kg-dry	1	04/27/2011 19:33	67639

Client: PSC Industrial Outsourcing, LP

Work Order: 11040503

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

Report Date: 29-Apr-11

Lab ID: 11040503-003

Client Sample ID: P8-H3-W (19 ft)

Matrix: SOLID

Collection Date: 04/11/2011 13:25

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-Dichlorophenol	NELAP	0.559		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
2,4-Dimethylphenol	NELAP	0.559		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
2,4-Dinitrophenol	NELAP	1.12		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
2,4-Dinitrotoluene	NELAP	0.391		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
2,6-Dinitrotoluene	NELAP	0.391		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
2-Chloronaphthalene	NELAP	0.391		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
2-Chlorophenol	NELAP	0.559		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
2-Methoxy-4-methylphenol		0.726		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
2-Methylnaphthalene	NELAP	0.391		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
2-Nitroaniline	NELAP	1.12		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
2-Nitrophenol	NELAP	0.391		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
3,3'-Dichlorobenzidine	NELAP	0.391		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
3-Nitroaniline	NELAP	1.12		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
4,6-Dinitro-2-methylphenol	NELAP	1.12		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
4-Bromophenyl phenyl ether	NELAP	0.391		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
4-Chloro-3-methylphenol	NELAP	0.559		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
4-Chloroaniline	NELAP	0.559		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
4-Chlorophenyl phenyl ether	NELAP	0.391		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
4-Nitroaniline	NELAP	0.559		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
4-Nitrophenol	NELAP	0.391		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
Aniline	NELAP	0.559		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
Azobenzene		0.391		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
Benzidine	NELAP	1.18		see note	mg/Kg-dry	1	04/27/2011 19:33	67639
Benzoic acid	NELAP	1.68		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
Benzyl alcohol	NELAP	0.559		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
Bis(2-chloroethoxy)methane	NELAP	0.391		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
Bis(2-chloroethyl)ether	NELAP	0.559		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
Bis(2-chloroisopropyl)ether	NELAP	0.391		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
Butyl benzyl phthalate	NELAP	0.391		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
Carbazole		0.559		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
Dibenzofuran	NELAP	0.391		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
Diethyl phthalate	NELAP	0.559		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
Dimethyl phthalate	NELAP	0.391		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
Di-n-butyl phthalate	NELAP	0.391		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
Di-n-octyl phthalate	NELAP	0.391		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
Hexachlorobenzene	NELAP	0.391		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
Hexachlorobutadiene	NELAP	0.559		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
Hexachlorocyclopentadiene	NELAP	0.391		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
Hexachloroethane	NELAP	0.559		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
Isophorone	NELAP	0.391		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
m,p-Cresol	NELAP	0.559		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
Nitrobenzene	NELAP	0.559		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
N-Nitrosodimethylamine	NELAP	0.559		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
N-Nitroso-di-n-propylamine	NELAP	0.559		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
N-Nitrosodiphenylamine	NELAP	0.559		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
o-Cresol	NELAP	0.559		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
Pentachlorophenol	NELAP	2.23		ND	mg/Kg-dry	1	04/27/2011 19:33	67639

Client: PSC Industrial Outsourcing, LP

Work Order: 11040503

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

Report Date: 29-Apr-11

Lab ID: 11040503-003

Client Sample ID: P8-H3-W (19 ft)

Matrix: SOLID

Collection Date: 04/11/2011 13:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Phenol	NELAP	0.391		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
Pyridine	NELAP	0.559		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
1,2-Diphenylhydrazine		0.939		ND	mg/Kg-dry	1	04/27/2011 19:33	67639
Surr: 2,4,6-Tribromophenol		32.7-130		79.2	%REC	1	04/27/2011 19:33	67639
Surr: 2-Fluorobiphenyl		34.1-116		77.4	%REC	1	04/27/2011 19:33	67639
Surr: 2-Fluorophenol		30.5-99		75.7	%REC	1	04/27/2011 19:33	67639
Surr: Nitrobenzene-d5		34.1-101		81.5	%REC	1	04/27/2011 19:33	67639
Surr: Phenol-d5		34.9-110		80.7	%REC	1	04/27/2011 19:33	67639
Surr: p-Terphenyl-d14		41.7-124		90.0	%REC	1	04/27/2011 19:33	67639

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	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
1,1,1-Trichloroethane	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
1,1,2,2-Tetrachloroethane	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
1,1,2-Trichloro-1,2,2-trifluoroethane		105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
1,1,2-Trichloroethane	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
1,1-Dichloro-2-propanone		1050		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
1,1-Dichloroethane	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
1,1-Dichloroethene	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
1,1-Dichloropropene	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
1,2,3-Trichlorobenzene	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
1,2,3-Trichloropropane	NELAP	210		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
1,2,3-Trimethylbenzene		105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
1,2,4-Trichlorobenzene	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
1,2,4-Trimethylbenzene	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
1,2-Dibromo-3-chloropropane	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
1,2-Dibromoethane	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
1,2-Dichlorobenzene	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
1,2-Dichloroethane	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
1,2-Dichloropropane	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
1,3,5-Trimethylbenzene	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
1,3-Dichlorobenzene	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
1,3-Dichloropropane	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
1,4-Dichlorobenzene	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
1-Chlorobutane	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
2,2-Dichloropropane	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
2-Butanone	NELAP	1050		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
2-Chlorotoluene	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
2-Hexanone	NELAP	1050		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
2-Nitropropane	NELAP	1050		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
4-Chlorotoluene	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
4-Methyl-2-pentanone	NELAP	1050		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
Acetone	NELAP	1050		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
Acrolein	NELAP	2100		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
Acrylonitrile	NELAP	210		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
Allyl chloride	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
Benzene	NELAP	21.0		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478

Client: PSC Industrial Outsourcing, LP

Work Order: 11040503

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

Report Date: 29-Apr-11

Lab ID: 11040503-003

Client Sample ID: P8-H3-W (19 ft)

Matrix: SOLID

Collection Date: 04/11/2011 13:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Bromobenzene	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
Bromochloromethane	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
Bromodichloromethane	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
Bromoform	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
Bromomethane	NELAP	210		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
Carbon disulfide	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
Carbon tetrachloride	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
Chlorobenzene	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
Chloroethane	NELAP	210		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
Chloroform	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
Chloromethane	NELAP	210		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
cis-1,2-Dichloroethene	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
cis-1,3-Dichloropropene	NELAP	84.0		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
Cyclohexanone		2100		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
Dibromochloromethane	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
Dibromomethane	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
Dichlorodifluoromethane	NELAP	210		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
Ethyl acetate	NELAP	1050		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
Ethyl ether	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
Ethyl methacrylate	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
Ethylbenzene	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
Heptane		420		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
Hexachlorobutadiene	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
Hexachloroethane	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
Iodomethane	NELAP	210		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
Isopropylbenzene	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
m,p-Xylenes	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
Methacrylonitrile	NELAP	1050		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
Methyl Methacrylate	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
Methyl tert-butyl ether	NELAP	42.0		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
Methylacrylate		210		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
Methylene chloride	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
Naphthalene	NELAP	210		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
n-Butylbenzene	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
n-Hexane		420		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
Nitrobenzene	NELAP	2100		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
n-Propylbenzene	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
o-Xylene	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
Pentachloroethane	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
p-Isopropyltoluene	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
Propionitrile	NELAP	1050		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
sec-Butylbenzene	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
Styrene	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
tert-Butylbenzene	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
Tetrachloroethene	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
Tetrahydrofuran	NELAP	1050		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
Toluene	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478





## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040503

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

**Report Date:** 29-Apr-11

**Lab ID:** 11040503-003

**Client Sample ID:** P8-H3-W (19 ft)

**Matrix:** SOLID

**Collection Date:** 04/11/2011 13:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
trans-1,2-Dichloroethene	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
trans-1,3-Dichloropropene	NELAP	84.0		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
Trichloroethene	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
Trichlorofluoromethane	NELAP	105		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
Vinyl acetate	NELAP	1050		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
Vinyl chloride	NELAP	42.0		ND	µg/Kg-dry	12.5	04/16/2011 11:56	67478
Surr: 1,2-Dichloroethane-d4		72.2-131		110.1	%REC	12.5	04/16/2011 11:56	67478
Surr: 4-Bromofluorobenzene		82.1-116		107.2	%REC	12.5	04/16/2011 11:56	67478
Surr: Dibromofluoromethane		77.7-120		100.9	%REC	12.5	04/16/2011 11:56	67478
Surr: Toluene-d8		86-116		93.7	%REC	12.5	04/16/2011 11:56	67478

*Elevated reporting limit due to matrix interference.*

Client: PSC Industrial Outsourcing, LP

Work Order: 11040503

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

Report Date: 29-Apr-11

Lab ID: 11040503-004

Client Sample ID: P8-H4-W (19 ft)

Matrix: SOLID

Collection Date: 04/11/2011 13:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		10.8	%	1	04/14/2011 16:05	R148171
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		89.2	%	1	04/14/2011 16:05	R148153
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.560		< 0.560	mg/Kg-dry	1	04/13/2011 10:40	R148078
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.56		0.61	mg/Kg-dry	1	04/13/2011 10:40	R148078
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.27		6.47	mg/Kg-dry	1	04/15/2011 12:30	67372
Barium	NELAP	0.45		18.2	mg/Kg-dry	1	04/15/2011 12:30	67372
Cadmium	NELAP	0.18		0.21	mg/Kg-dry	1	04/15/2011 12:30	67372
Chromium	NELAP	0.91		15.1	mg/Kg-dry	1	04/15/2011 12:30	67372
Lead	NELAP	3.64		10.6	mg/Kg-dry	1	04/15/2011 12:30	67372
Silver	NELAP	0.50		< 0.50	mg/Kg-dry	1	04/15/2011 12:30	67372
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.588		< 0.588	mg/Kg-dry	1	04/17/2011 16:33	67371
<b>SW-846 7471A</b>								
Mercury	NELAP	0.011	J	0.008	mg/Kg-dry	1	04/15/2011 13:15	67376
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		0.044	mg/Kg-dry	1	04/28/2011 2:28	67640
Acenaphthylene	NELAP	0.004		0.005	mg/Kg-dry	1	04/28/2011 2:28	67640
Anthracene	NELAP	0.004		0.025	mg/Kg-dry	1	04/28/2011 2:28	67640
Benzo(a)anthracene	NELAP	0.004		0.017	mg/Kg-dry	1	04/28/2011 2:28	67640
Benzo(a)pyrene	NELAP	0.004		0.012	mg/Kg-dry	1	04/28/2011 2:28	67640
Benzo(b)fluoranthene	NELAP	0.004		0.012	mg/Kg-dry	1	04/28/2011 2:28	67640
Benzo(g,h,i)perylene	NELAP	0.004		0.009	mg/Kg-dry	1	04/28/2011 2:28	67640
Benzo(k)fluoranthene	NELAP	0.004	J	0.004	mg/Kg-dry	1	04/28/2011 2:28	67640
Bis(2-ethylhexyl)phthalate	NELAP	0.075		ND	mg/Kg-dry	1	04/28/2011 2:28	67640
Chrysene	NELAP	0.004		0.016	mg/Kg-dry	1	04/28/2011 2:28	67640
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	04/28/2011 2:28	67640
Fluoranthene	NELAP	0.004		0.028	mg/Kg-dry	1	04/28/2011 2:28	67640
Fluorene	NELAP	0.004		0.025	mg/Kg-dry	1	04/28/2011 2:28	67640
Indeno(1,2,3-cd)pyrene	NELAP	0.004		0.004	mg/Kg-dry	1	04/28/2011 2:28	67640
Naphthalene	NELAP	0.004		0.015	mg/Kg-dry	1	04/28/2011 2:28	67640
Phenanthrene	NELAP	0.004		0.088	mg/Kg-dry	1	04/28/2011 2:28	67640
Pyrene	NELAP	0.004		0.041	mg/Kg-dry	1	04/28/2011 2:28	67640
Surr: 2-Fluorobiphenyl		10-131		77.0	%REC	1	04/28/2011 2:28	67640
Surr: Nitrobenzene-d5		10-132		65.1	%REC	1	04/28/2011 2:28	67640
Surr: p-Terphenyl-d14		30.6-131		79.2	%REC	1	04/28/2011 2:28	67640
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	0.560		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
1,2-Dichlorobenzene	NELAP	0.560		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
1,3-Dichlorobenzene	NELAP	0.560		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
1,4-Dichlorobenzene	NELAP	0.560		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
2,4,5-Trichlorophenol	NELAP	0.392		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
2,4,6-Trichlorophenol	NELAP	0.392		ND	mg/Kg-dry	1	04/27/2011 20:06	67639

Client: PSC Industrial Outsourcing, LP

Work Order: 11040503

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

Report Date: 29-Apr-11

Lab ID: 11040503-004

Client Sample ID: P8-H4-W (19 ft)

Matrix: SOLID

Collection Date: 04/11/2011 13:35

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-Dichlorophenol	NELAP	0.560		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
2,4-Dimethylphenol	NELAP	0.560		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
2,4-Dinitrophenol	NELAP	1.12		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
2,4-Dinitrotoluene	NELAP	0.392		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
2,6-Dinitrotoluene	NELAP	0.392		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
2-Chloronaphthalene	NELAP	0.392		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
2-Chlorophenol	NELAP	0.560		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
2-Methoxy-4-methylphenol		0.729		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
2-Methylnaphthalene	NELAP	0.392		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
2-Nitroaniline	NELAP	1.12		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
2-Nitrophenol	NELAP	0.392		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
3,3'-Dichlorobenzidine	NELAP	0.392		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
3-Nitroaniline	NELAP	1.12		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
4,6-Dinitro-2-methylphenol	NELAP	1.12		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
4-Bromophenyl phenyl ether	NELAP	0.392		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
4-Chloro-3-methylphenol	NELAP	0.560		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
4-Chloroaniline	NELAP	0.560		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
4-Chlorophenyl phenyl ether	NELAP	0.392		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
4-Nitroaniline	NELAP	0.560		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
4-Nitrophenol	NELAP	0.392		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
Aniline	NELAP	0.560		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
Azobenzene		0.392		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
Benzidine	NELAP	1.18		see note	mg/Kg-dry	1	04/27/2011 20:06	67639
Benzoic acid	NELAP	1.68		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
Benzyl alcohol	NELAP	0.560		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
Bis(2-chloroethoxy)methane	NELAP	0.392		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
Bis(2-chloroethyl)ether	NELAP	0.560		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
Bis(2-chloroisopropyl)ether	NELAP	0.392		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
Butyl benzyl phthalate	NELAP	0.392		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
Carbazole		0.560		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
Dibenzofuran	NELAP	0.392		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
Diethyl phthalate	NELAP	0.560		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
Dimethyl phthalate	NELAP	0.392		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
Di-n-butyl phthalate	NELAP	0.392		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
Di-n-octyl phthalate	NELAP	0.392		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
Hexachlorobenzene	NELAP	0.392		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
Hexachlorobutadiene	NELAP	0.560		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
Hexachlorocyclopentadiene	NELAP	0.392		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
Hexachloroethane	NELAP	0.560		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
Isophorone	NELAP	0.392		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
m,p-Cresol	NELAP	0.560		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
Nitrobenzene	NELAP	0.560		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
N-Nitrosodimethylamine	NELAP	0.560		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
N-Nitroso-di-n-propylamine	NELAP	0.560		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
N-Nitrosodiphenylamine	NELAP	0.560		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
o-Cresol	NELAP	0.560		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
Pentachlorophenol	NELAP	2.24		ND	mg/Kg-dry	1	04/27/2011 20:06	67639

Client: PSC Industrial Outsourcing, LP

Work Order: 11040503

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

Report Date: 29-Apr-11

Lab ID: 11040503-004

Client Sample ID: P8-H4-W (19 ft)

Matrix: SOLID

Collection Date: 04/11/2011 13:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Phenol	NELAP	0.392		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
Pyridine	NELAP	0.560		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
1,2-Diphenylhydrazine		0.941		ND	mg/Kg-dry	1	04/27/2011 20:06	67639
Surr: 2,4,6-Tribromophenol		32.7-130		83.1	%REC	1	04/27/2011 20:06	67639
Surr: 2-Fluorobiphenyl		34.1-116		79.5	%REC	1	04/27/2011 20:06	67639
Surr: 2-Fluorophenol		30.5-99		75.1	%REC	1	04/27/2011 20:06	67639
Surr: Nitrobenzene-d5		34.1-101		82.1	%REC	1	04/27/2011 20:06	67639
Surr: Phenol-d5		34.9-110		80.7	%REC	1	04/27/2011 20:06	67639
Surr: p-Terphenyl-d14		41.7-124		92.2	%REC	1	04/27/2011 20:06	67639
<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	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
1,1,1-Trichloroethane	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
1,1,2,2-Tetrachloroethane	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
1,1,2-Trichloro-1,2,2-trifluoroethane		3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
1,1,2-Trichloroethane	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
1,1-Dichloro-2-propanone		36.1		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
1,1-Dichloroethane	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
1,1-Dichloroethene	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
1,1-Dichloropropene	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
1,2,3-Trichlorobenzene	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
1,2,3-Trichloropropane	NELAP	7.2		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
1,2,3-Trimethylbenzene		3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
1,2,4-Trichlorobenzene	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
1,2,4-Trimethylbenzene	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
1,2-Dibromo-3-chloropropane	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
1,2-Dibromoethane	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
1,2-Dichlorobenzene	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
1,2-Dichloroethane	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
1,2-Dichloropropane	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
1,3,5-Trimethylbenzene	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
1,3-Dichlorobenzene	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
1,3-Dichloropropane	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
1,4-Dichlorobenzene	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
1-Chlorobutane	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
2,2-Dichloropropane	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
2-Butanone	NELAP	36.1		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
2-Chlorotoluene	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
2-Hexanone	NELAP	36.1		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
2-Nitropropane	NELAP	36.1		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
4-Chlorotoluene	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
4-Methyl-2-pentanone	NELAP	36.1		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
Acetone	NELAP	36.1	J	17	µg/Kg-dry	1	04/14/2011 17:34	67393
Acrolein	NELAP	72.1		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
Acrylonitrile	NELAP	7.2		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
Allyl chloride	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
Benzene	NELAP	0.7		2.6	µg/Kg-dry	1	04/14/2011 17:34	67393

Client: PSC Industrial Outsourcing, LP

Work Order: 11040503

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

Report Date: 29-Apr-11

Lab ID: 11040503-004

Client Sample ID: P8-H4-W (19 ft)

Matrix: SOLID

Collection Date: 04/11/2011 13:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Bromobenzene	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
Bromochloromethane	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
Bromodichloromethane	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
Bromoform	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
Bromomethane	NELAP	7.2		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
Carbon disulfide	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
Carbon tetrachloride	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
Chlorobenzene	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
Chloroethane	NELAP	7.2		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
Chloroform	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
Chloromethane	NELAP	7.2		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
cis-1,2-Dichloroethene	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
cis-1,3-Dichloropropene	NELAP	2.9		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
Cyclohexanone		72.1		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
Dibromochloromethane	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
Dibromomethane	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
Dichlorodifluoromethane	NELAP	7.2		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
Ethyl acetate	NELAP	36.1		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
Ethyl ether	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
Ethyl methacrylate	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
Ethylbenzene	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
Heptane		14.4		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
Hexachlorobutadiene	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
Hexachloroethane	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
Iodomethane	NELAP	7.2		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
Isopropylbenzene	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
m,p-Xylenes	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
Methacrylonitrile	NELAP	36.1		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
Methyl Methacrylate	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
Methyl tert-butyl ether	NELAP	1.4		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
Methylacrylate		7.2		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
Methylene chloride	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
Naphthalene	NELAP	7.2		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
n-Butylbenzene	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
n-Hexane		14.4	J	2.0	µg/Kg-dry	1	04/14/2011 17:34	67393
Nitrobenzene	NELAP	72.1		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
n-Propylbenzene	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
o-Xylene	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
Pentachloroethane	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
p-Isopropyltoluene	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
Propionitrile	NELAP	36.1		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
sec-Butylbenzene	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
Styrene	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
tert-Butylbenzene	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
Tetrachloroethene	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
Tetrahydrofuran	NELAP	36.1		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
Toluene	NELAP	3.6	J	1.0	µg/Kg-dry	1	04/14/2011 17:34	67393



## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040503

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

**Report Date:** 29-Apr-11

**Lab ID:** 11040503-004

**Client Sample ID:** P8-H4-W (19 ft)

**Matrix:** SOLID

**Collection Date:** 04/11/2011 13:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
trans-1,2-Dichloroethene	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
trans-1,3-Dichloropropene	NELAP	2.9		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
Trichloroethene	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
Trichlorofluoromethane	NELAP	3.6		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
Vinyl acetate	NELAP	36.1		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
Vinyl chloride	NELAP	1.4		ND	µg/Kg-dry	1	04/14/2011 17:34	67393
Surr: 1,2-Dichloroethane-d4		72.2-131		123.7	%REC	1	04/14/2011 17:34	67393
Surr: 4-Bromofluorobenzene		82.1-116		96.7	%REC	1	04/14/2011 17:34	67393
Surr: Dibromofluoromethane		77.7-120		110.6	%REC	1	04/14/2011 17:34	67393
Surr: Toluene-d8		86-116		105.5	%REC	1	04/14/2011 17:34	67393

*Marginal Exceedance for trichloroethene in LCSD is verified per NELAC Appendix D 1.1.2*



## Sample Summary

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040503

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

**Report Date:** 29-Apr-11

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
11040503-001	P8-H1-W (19 ft)	Solid	5	04/11/2011 13:10
11040503-002	P8-H2-W (19 ft)	Solid	5	04/11/2011 13:15
11040503-003	P8-H3-W (19 ft)	Solid	5	04/11/2011 13:25
11040503-004	P8-H4-W (19 ft)	Solid	5	04/11/2011 13:35



## Dates Report

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040503

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

**Report Date:** 29-Apr-11

Sample ID	Client Sample ID	Collection Date	Received Date	
	Test Name		Prep Date/Time	Analysis Date/Time
11040503-001A	P8-H1-W (19 ft)	04/11/2011 13:10	4/12/2011 2:15:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		04/14/2011 12:50	04/15/2011 11:47
	SW-846 3050B, Metals by GFAA		04/14/2011 12:46	04/16/2011 9:45
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		04/22/2011 12:45	04/27/2011 12:57
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		04/22/2011 15:43	04/27/2011 18:27
	SW-846 7471A		04/14/2011 13:52	04/15/2011 13:15
11040503-001B	P8-H1-W (19 ft)	04/11/2011 13:10	4/12/2011 2:15:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			04/14/2011 16:05
	Standard Methods 18th Ed. 2540 G			04/14/2011 16:05
	SW-846 9012A			04/13/2011 10:40
	SW-846 9012A (Total)			04/13/2011 10:40
11040503-001E	P8-H1-W (19 ft)	04/11/2011 13:10	4/12/2011 2:15:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			04/16/2011 10:59
11040503-002A	P8-H2-W (19 ft)	04/11/2011 13:15	4/12/2011 2:15:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		04/14/2011 12:50	04/15/2011 12:19
	SW-846 3050B, Metals by GFAA		04/14/2011 12:46	04/16/2011 9:49
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		04/22/2011 12:46	04/28/2011 1:14
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		04/22/2011 15:43	04/27/2011 19:00
	SW-846 7471A		04/14/2011 13:52	04/15/2011 13:15
11040503-002B	P8-H2-W (19 ft)	04/11/2011 13:15	4/12/2011 2:15:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			04/14/2011 16:05
	Standard Methods 18th Ed. 2540 G			04/14/2011 16:05
	SW-846 9012A			04/13/2011 10:40
	SW-846 9012A (Total)			04/13/2011 10:40
11040503-002E	P8-H2-W (19 ft)	04/11/2011 13:15	4/12/2011 2:15:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			04/16/2011 11:28
11040503-003A	P8-H3-W (19 ft)	04/11/2011 13:25	4/12/2011 2:15:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		04/14/2011 12:50	04/15/2011 12:25
	SW-846 3050B, Metals by GFAA		04/14/2011 12:46	04/16/2011 9:52
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		04/22/2011 12:46	04/28/2011 1:51
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		04/22/2011 15:43	04/27/2011 19:33
	SW-846 7471A		04/14/2011 13:52	04/15/2011 13:15
11040503-003B	P8-H3-W (19 ft)	04/11/2011 13:25	4/12/2011 2:15:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			04/14/2011 16:05
	Standard Methods 18th Ed. 2540 G			04/14/2011 16:05
	SW-846 9012A			04/13/2011 10:40
	SW-846 9012A (Total)			04/13/2011 10:40





## Dates Report

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040503

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

**Report Date:** 29-Apr-11

Sample ID	Client Sample ID	Collection Date	Received Date	
	Test Name		Prep Date/Time	Analysis Date/Time
11040503-003E	P8-H3-W (19 ft)	04/11/2011 13:25	4/12/2011 2:15:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			04/16/2011 11:56
11040503-004A	P8-H4-W (19 ft)	04/11/2011 13:35	4/12/2011 2:15:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		04/14/2011 12:50	04/15/2011 12:30
	SW-846 3050B, Metals by GFAA		04/14/2011 12:46	04/17/2011 16:33
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		04/22/2011 12:46	04/28/2011 2:28
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		04/22/2011 12:44	04/27/2011 20:06
	SW-846 7471A		04/14/2011 13:52	04/15/2011 13:15
11040503-004B	P8-H4-W (19 ft)	04/11/2011 13:35	4/12/2011 2:15:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			04/14/2011 16:05
	Standard Methods 18th Ed. 2540 G			04/14/2011 16:05
	SW-846 9012A			04/13/2011 10:40
	SW-846 9012A (Total)			04/13/2011 10:40
11040503-004E	P8-H4-W (19 ft)	04/11/2011 13:35	4/12/2011 2:15:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			04/14/2011 17:34

Client: PSC Industrial Outsourcing, LP

Work Order: 11040503

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

Report Date: 29-Apr-11

### STANDARD METHODS 18TH ED. 2540 G

Batch R148153		SampType: LCS		Units %						Date Analyzed
SampID: LCS-R148153										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Solids	0.1		1.0	1.0	0	100	90	110	04/14/2011	

Batch R148153		SampType: LCSQC		Units %						Date Analyzed
SampID: LCSQC-R148153										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Solids	0.1		1.0	1.0	0	101.0	90	110	04/14/2011	

Batch R148153		SampType: DUP		Units %		RPD Limit 15				Date Analyzed
SampID: 11040503-003BDUP										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Solids	0.1		89.3				89.49	0.17	04/14/2011	

### SW-846 9012A (TOTAL)

Batch R148078		SampType: MBLK		Units mg/Kg						Date Analyzed
SampID: MB-R148078										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.01		< 0.01						04/13/2011	
Cyanide	0.01		< 0.01						04/13/2011	
Cyanide	0.01		< 0.01						04/13/2011	

Batch R148078		SampType: LCS		Units mg/Kg						Date Analyzed
SampID: LCS-R148078										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.01		0.03	0.02	0	113.0	85	115	04/13/2011	
Cyanide	0.01		0.03	0.02	0	111.2	85	115	04/13/2011	

Batch R148078		SampType: MS		Units mg/Kg-dry						Date Analyzed
SampID: 11040503-001BMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.56		2.00	1.39	0.5415	104.6	75	125	04/13/2011	

Batch R148078		SampType: MSD		Units mg/Kg-dry		RPD Limit 15				Date Analyzed
SampID: 11040503-001BMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Cyanide	0.56		1.94	1.39	0.5415	100.4	1.999	2.94	04/13/2011	

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

Batch 67372		SampType: MBLK		Units mg/Kg-dry						Date Analyzed
SampID: MB-67372										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Arsenic	2.50		< 2.50	2.50	0	0	-100	100	04/15/2011	
Barium	0.50		< 0.50	0.50	0	0	-100	100	04/15/2011	
Cadmium	0.20		< 0.20	0.20	0	0	-100	100	04/15/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040503

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

**Report Date:** 29-Apr-11

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

Batch 67372		SampType: MBLK		Units mg/Kg-dry						
SampID: MB-67372										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chromium	1.00		< 1.00	1.00	0	0	-100	100	04/15/2011	
Lead	4.00		< 4.00	4.00	0	0	-100	100	04/15/2011	
Silver	0.55		< 0.55	0.55	0	0	-100	100	04/15/2011	

**Batch 67372 SampType: LCS Units mg/Kg-dry**

SampID: LCS-67372									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic	2.50		198	200	0	99.2	85	115	04/15/2011
Barium	0.50		195	200	0	97.6	85	115	04/15/2011
Cadmium	0.20		4.97	5.00	0	99.4	85	115	04/15/2011
Chromium	1.00		20.7	20.0	0	103.6	85	115	04/15/2011
Lead	4.00		50.1	50.0	0	100.2	85	115	04/15/2011
Silver	0.55		4.53	5.00	0	90.6	85	115	04/15/2011

**Batch 67372 SampType: MS Units mg/Kg-dry**

SampID: 11040503-001AMS									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Arsenic	2.23		175	179	7.652	93.5	75	125	04/15/2011
Barium	0.45		167	179	16.92	83.9	75	125	04/15/2011
Cadmium	0.18		4.08	4.46	0.1786	87.4	75	125	04/15/2011
Chromium	0.89		32.2	17.9	14.48	99.5	75	125	04/15/2011
Lead	3.57		49.4	44.6	9.554	89.2	75	125	04/15/2011
Silver	0.49		3.98	4.46	0	89.2	75	125	04/15/2011

**Batch 67372 SampType: MSD Units mg/Kg-dry RPD Limit 20**

SampID: 11040503-001AMSD									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Arsenic	2.23		177	179	7.652	94.7	174.6	1.22	04/15/2011
Barium	0.45		169	179	16.92	84.9	166.8	1.06	04/15/2011
Cadmium	0.18		4.27	4.46	0.1786	91.6	4.080	4.49	04/15/2011
Chromium	0.89		34.0	17.9	14.48	109.4	32.24	5.34	04/15/2011
Lead	3.57		50.3	44.6	9.554	91.4	49.38	1.92	04/15/2011
Silver	0.49		4.20	4.46	0	94.0	3.982	5.24	04/15/2011

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

Batch 67371		SampType: MBLK		Units mg/Kg-dry						
SampID: MB-67371										
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	04/14/2011	
Selenium	7740	0.600	< 0.600	0.600	0	0	-100	100	04/16/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040503

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

**Report Date:** 29-Apr-11

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

Batch 67371		SampType: LCS		Units mg/Kg-dry							Date Analyzed
SampID: LCS-67371											
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Selenium	7740	0.600		<b>3.08</b>	3.00	0	102.7	80	120	04/14/2011	
Selenium	7740	0.600		<b>2.71</b>	3.00	0	90.2	80	120	04/16/2011	

Batch 67371		SampType: MS		Units mg/Kg-dry							Date Analyzed
SampID: 11040503-004AMS											
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Selenium	7740	1.18		<b>2.94</b>	2.94	0	100	70	130	04/17/2011	

Batch 67371		SampType: MSD		Units mg/Kg-dry				RPD Limit 20		Date Analyzed
SampID: 11040503-004AMSD										
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Selenium	7740	1.18		<b>2.87</b>	2.94	0	97.7	2.940	2.31	04/17/2011

**SW-846 7471A**

Batch 67376		SampType: MBLK		Units mg/Kg							Date Analyzed
SampID: MB-67376											
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury		0.010		< <b>0.010</b>	0.010	0	0	-100	100	04/15/2011	

Batch 67376		SampType: LCS		Units mg/Kg							Date Analyzed
SampID: LCS-67376											
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury		0.010		<b>0.260</b>	0.250	0	104.2	85	115	04/15/2011	

Batch 67376		SampType: MS		Units mg/Kg-dry							Date Analyzed
SampID: 11040503-004AMS											
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury		0.011		<b>0.323</b>	0.280	0.008406	112.2	75	125	04/15/2011	

Batch 67376		SampType: MSD		Units mg/Kg-dry				RPD Limit 15		Date Analyzed
SampID: 11040503-004AMSD										
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Mercury		0.011		<b>0.318</b>	0.280	0.008406	110.6	0.3228	1.40	04/15/2011

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

Batch 67640		SampType: MBLK		Units mg/Kg							Date Analyzed
SampID: MB-67640											
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Acenaphthene		0.003		<b>ND</b>						04/27/2011	
Acenaphthylene		0.003		<b>ND</b>						04/27/2011	
Anthracene		0.003		<b>ND</b>						04/27/2011	
Benzo(a)anthracene		0.003		<b>ND</b>						04/27/2011	
Benzo(a)pyrene		0.003		<b>ND</b>						04/27/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040503

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

**Report Date:** 29-Apr-11

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

**Batch 67640**      **SampType: MBLK**      Units **mg/Kg**

SampID: MB-67640

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzo(b)fluoranthene	0.003		ND						04/27/2011
Benzo(g,h,i)perylene	0.003		ND						04/27/2011
Benzo(k)fluoranthene	0.003		ND						04/27/2011
Bis(2-ethylhexyl)phthalate	0.067		ND						04/27/2011
Chrysene	0.003		ND						04/27/2011
Dibenzo(a,h)anthracene	0.003		ND						04/27/2011
Fluoranthene	0.003		ND						04/27/2011
Fluorene	0.003		ND						04/27/2011
Indeno(1,2,3-cd)pyrene	0.003		ND						04/27/2011
Naphthalene	0.003		ND						04/27/2011
Phenanthrene	0.003		ND						04/27/2011
Pyrene	0.003		ND						04/27/2011
Surr: 2-Fluorobiphenyl			0.122	0.167		73.3	45.7	89.2	04/27/2011
Surr: Nitrobenzene-d5			0.109	0.167		65.3	31.4	100	04/27/2011
Surr: p-Terphenyl-d14			0.147	0.167		88.0	53.3	124	04/27/2011

**Batch 67640**      **SampType: LCS**      Units **mg/Kg**

SampID: LCS-67640

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene	0.003		0.139	0.167	0	83.4	56.3	115	04/27/2011
Acenaphthylene	0.003		0.134	0.167	0	80.4	60.3	143	04/27/2011
Anthracene	0.003		0.128	0.167	0	76.8	52.1	109	04/27/2011
Benzo(a)anthracene	0.003		0.145	0.167	0	86.8	52.8	112	04/27/2011
Benzo(a)pyrene	0.003		0.160	0.167	0	95.8	40.8	127	04/27/2011
Benzo(b)fluoranthene	0.003		0.159	0.167	0	95.4	50.1	150	04/27/2011
Benzo(g,h,i)perylene	0.003		0.172	0.167	0	103.0	52.8	145	04/27/2011
Benzo(k)fluoranthene	0.003		0.150	0.167	0	89.6	52	153	04/27/2011
Bis(2-ethylhexyl)phthalate	0.067		0.194	0.167	0	116.4	50	150	04/27/2011
Chrysene	0.003		0.139	0.167	0	83.2	60.8	128	04/27/2011
Dibenzo(a,h)anthracene	0.003		0.165	0.167	0	98.6	54.9	150	04/27/2011
Fluoranthene	0.003		0.144	0.167	0	86.4	58.7	125	04/27/2011
Fluorene	0.003		0.138	0.167	0	82.6	57.8	125	04/27/2011
Indeno(1,2,3-cd)pyrene	0.003		0.170	0.167	0	101.8	52	147	04/27/2011
Naphthalene	0.003		0.123	0.167	0	73.7	54.8	113	04/27/2011
Phenanthrene	0.003		0.136	0.167	0	81.4	60.4	121	04/27/2011
Pyrene	0.003		0.144	0.167	0	86.2	57.9	129	04/27/2011
Surr: 2-Fluorobiphenyl			0.115	0.167		68.9	45.7	89.2	04/27/2011
Surr: Nitrobenzene-d5			0.103	0.167		61.9	31.4	100	04/27/2011
Surr: p-Terphenyl-d14			0.137	0.167		82.2	53.3	124	04/27/2011

**Batch 67640**      **SampType: MS**      Units **mg/Kg-dry**

SampID: 11040503-001AMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene	0.004		0.171	0.186	0	92.2	36	135	04/27/2011
Acenaphthylene	0.004		0.165	0.186	0	89.0	17.2	167	04/27/2011
Anthracene	0.004		0.172	0.186	0	92.6	39.3	124	04/27/2011

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040503

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

**Report Date:** 29-Apr-11

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

Batch 67640		SampType: MS		Units mg/Kg-dry						Date Analyzed
SampID: 11040503-001AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Benzo(a)anthracene	0.004		<b>0.180</b>	0.186	0.003707	95.2	10	183	04/27/2011	
Benzo(a)pyrene	0.004		<b>0.208</b>	0.186	0	112.2	10	204	04/27/2011	
Benzo(b)fluoranthene	0.004		<b>0.198</b>	0.186	0	106.6	10.6	178	04/27/2011	
Benzo(g,h,i)perylene	0.004		<b>0.220</b>	0.186	0	118.6	10	168	04/27/2011	
Benzo(k)fluoranthene	0.004		<b>0.160</b>	0.186	0	86.4	27.6	181	04/27/2011	
Bis(2-ethylhexyl)phthalate	0.074		<b>0.243</b>	0.186	0	130.7	50	150	04/27/2011	
Chrysene	0.004		<b>0.172</b>	0.186	0	92.4	10	176	04/27/2011	
Dibenzo(a,h)anthracene	0.004		<b>0.208</b>	0.186	0	112.0	12.2	156	04/27/2011	
Fluoranthene	0.004		<b>0.186</b>	0.186	0	100.4	10	227	04/27/2011	
Fluorene	0.004		<b>0.179</b>	0.186	0	96.6	35.2	148	04/27/2011	
Indeno(1,2,3-cd)pyrene	0.004		<b>0.214</b>	0.186	0	115.4	10	164	04/27/2011	
Naphthalene	0.004		<b>0.156</b>	0.186	0.008898	79.4	14.7	128	04/27/2011	
Phenanthrene	0.004		<b>0.182</b>	0.186	0.01186	91.8	32.8	143	04/27/2011	
Pyrene	0.004		<b>0.191</b>	0.186	0	103.0	10	180	04/27/2011	
Surr: 2-Fluorobiphenyl			<b>0.794</b>	0.926		85.8	10	131	04/27/2011	
Surr: Nitrobenzene-d5			<b>0.669</b>	0.926		72.3	10	132	04/27/2011	
Surr: p-Terphenyl-d14			<b>0.968</b>	0.926		104.5	30.6	131	04/27/2011	

Batch 67640		SampType: MSD		Units mg/Kg-dry						RPD Limit 49.7		Date Analyzed
SampID: 11040503-001AMSD												
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD				
Acenaphthene	0.004		<b>0.143</b>	0.185	0	77.2	0.1712	17.96	04/27/2011			
Acenaphthylene	0.004		<b>0.140</b>	0.185	0	75.6	0.1653	16.54	04/27/2011			
Anthracene	0.004		<b>0.134</b>	0.185	0	72.3	0.1720	24.99	04/27/2011			
Benzo(a)anthracene	0.004		<b>0.170</b>	0.185	0.003707	90.0	0.1805	5.78	04/27/2011			
Benzo(a)pyrene	0.004		<b>0.191</b>	0.185	0	103.4	0.2083	8.45	04/27/2011			
Benzo(b)fluoranthene	0.004		<b>0.180</b>	0.185	0	97.0	0.1979	9.71	04/27/2011			
Benzo(g,h,i)perylene	0.004		<b>0.202</b>	0.185	0	109.0	0.2201	8.72	04/27/2011			
Benzo(k)fluoranthene	0.004		<b>0.144</b>	0.185	0	77.8	0.1605	10.75	04/27/2011			
Bis(2-ethylhexyl)phthalate	0.074		<b>0.229</b>	0.185	0	123.6	0.2428	5.95	04/27/2011			
Chrysene	0.004		<b>0.161</b>	0.185	0	87.2	0.1716	6.08	04/27/2011			
Dibenzo(a,h)anthracene	0.004		<b>0.159</b>	0.185	0	86.0	0.2079	26.50	04/27/2011			
Fluoranthene	0.004		<b>0.149</b>	0.185	0	80.2	0.1864	22.62	04/27/2011			
Fluorene	0.004		<b>0.146</b>	0.185	0	78.6	0.1794	20.80	04/27/2011			
Indeno(1,2,3-cd)pyrene	0.004		<b>0.171</b>	0.185	0	92.4	0.2142	22.39	04/27/2011			
Naphthalene	0.004		<b>0.124</b>	0.185	0.008898	62.3	0.1564	22.99	04/27/2011			
Phenanthrene	0.004		<b>0.143</b>	0.185	0.01186	70.8	0.1823	24.19	04/27/2011			
Pyrene	0.004		<b>0.151</b>	0.185	0	81.4	0.1912	23.67	04/27/2011			
Surr: 2-Fluorobiphenyl			<b>0.688</b>	0.923		74.5			04/27/2011			
Surr: Nitrobenzene-d5			<b>0.575</b>	0.923		62.3			04/27/2011			
Surr: p-Terphenyl-d14			<b>0.762</b>	0.923		82.5			04/27/2011			

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11040503

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

Report Date: 29-Apr-11

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

Batch 67639

SampType: MBLK

Units mg/Kg

SampID: MB-67639

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
1,2,4-Trichlorobenzene	0.500		ND						04/27/2011
1,2-Dichlorobenzene	0.500		ND						04/27/2011
1,3-Dichlorobenzene	0.500		ND						04/27/2011
1,4-Dichlorobenzene	0.500		ND						04/27/2011
2,4,5-Trichlorophenol	0.350		ND						04/27/2011
2,4,6-Trichlorophenol	0.350		ND						04/27/2011
2,4-Dichlorophenol	0.500		ND						04/27/2011
2,4-Dimethylphenol	0.500		ND						04/27/2011
2,4-Dinitrophenol	1.00		ND						04/27/2011
2,4-Dinitrotoluene	0.350		ND						04/27/2011
2,6-Dinitrotoluene	0.350		ND						04/27/2011
2-Chloronaphthalene	0.350		ND						04/27/2011
2-Chlorophenol	0.500		ND						04/27/2011
2-Methoxy-4-methylphenol	0.650		ND						04/27/2011
2-Methylnaphthalene	0.350		ND						04/27/2011
2-Nitroaniline	1.00		ND						04/27/2011
2-Nitrophenol	0.350		ND						04/27/2011
3,3'-Dichlorobenzidine	0.350		ND						04/27/2011
3-Nitroaniline	1.00		ND						04/27/2011
4,6-Dinitro-2-methylphenol	1.00		ND						04/27/2011
4-Bromophenyl phenyl ether	0.350		ND						04/27/2011
4-Chloro-3-methylphenol	0.500		ND						04/27/2011
4-Chloroaniline	0.500		ND						04/27/2011
4-Chlorophenyl phenyl ether	0.350		ND						04/27/2011
4-Nitroaniline	0.500		ND						04/27/2011
4-Nitrophenol	0.350		ND						04/27/2011
Aniline	0.500		ND						04/27/2011
Azobenzene	0.350		ND						04/27/2011
Benzidine	1.06		ND						04/27/2011
Benzoic acid	1.50		ND						04/27/2011
Benzyl alcohol	0.500		ND						04/27/2011
Bis(2-chloroethoxy)methane	0.350		ND						04/27/2011
Bis(2-chloroethyl)ether	0.500		ND						04/27/2011
Bis(2-chloroisopropyl)ether	0.350		ND						04/27/2011
Butyl benzyl phthalate	0.350		ND						04/27/2011
Carbazole	0.500		ND						04/27/2011
Dibenzofuran	0.350		ND						04/27/2011
Diethyl phthalate	0.500		ND						04/27/2011
Dimethyl phthalate	0.350		ND						04/27/2011
Di-n-butyl phthalate	0.350		ND						04/27/2011
Di-n-octyl phthalate	0.350		ND						04/27/2011
Hexachlorobenzene	0.350		ND						04/27/2011
Hexachlorobutadiene	0.500		ND						04/27/2011
Hexachlorocyclopentadiene	0.350		ND						04/27/2011
Hexachloroethane	0.500		ND						04/27/2011
Isophorone	0.350		ND						04/27/2011
m,p-Cresol	0.500		ND						04/27/2011

Client: PSC Industrial Outsourcing, LP

Work Order: 11040503

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

Report Date: 29-Apr-11

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

Batch 67639		SampType: MBLK		Units mg/Kg						
SampID: MB-67639										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Nitrobenzene	0.500		ND						04/27/2011	
N-Nitrosodimethylamine	0.500		ND						04/27/2011	
N-Nitroso-di-n-propylamine	0.500		ND						04/27/2011	
N-Nitrosodiphenylamine	0.500		ND						04/27/2011	
o-Cresol	0.500		ND						04/27/2011	
Pentachlorophenol	2.00		ND						04/27/2011	
Phenol	0.350		ND						04/27/2011	
Pyridine	0.500		ND						04/27/2011	
1,2-Diphenylhydrazine	0.840		ND						04/27/2011	
Surr: 2,4,6-Tribromophenol			1.67	1.67		99.7	52.1	113	04/27/2011	
Surr: 2-Fluorobiphenyl			0.720	0.835		86.3	46.3	106	04/27/2011	
Surr: 2-Fluorophenol			1.28	1.67		76.8	50.6	89	04/27/2011	
Surr: Nitrobenzene-d5			0.721	0.835		86.3	42.4	99.2	04/27/2011	
Surr: Phenol-d5			1.36	1.67		81.4	55.9	98.5	04/27/2011	
Surr: p-Terphenyl-d14			0.801	0.835		96.0	45.5	115	04/27/2011	

Batch 67639		SampType: LCS		Units mg/Kg						
SampID: LCS-67639										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,2,4-Trichlorobenzene	0.500		1.36	1.67	0	81.7	43.9	92.2	04/27/2011	
1,4-Dichlorobenzene	0.500		1.20	1.67	0	72.0	43.8	84.1	04/27/2011	
2,4,5-Trichlorophenol	0.350		3.08	3.33	0	92.6	38.6	123	04/27/2011	
2,4,6-Trichlorophenol	0.350		3.19	3.33	0	95.7	35.9	123	04/27/2011	
2,4-Dimethylphenol	0.500		2.53	3.33	0	75.9	38.3	88	04/27/2011	
2,4-Dinitrophenol	1.00		3.14	3.33	0	94.4	1.88	162	04/27/2011	
2,4-Dinitrotoluene	0.350		1.45	1.67	0	87.1	48.6	102	04/27/2011	
2-Chlorophenol	0.500		2.63	3.33	0	78.9	46.6	84	04/27/2011	
4-Chloro-3-methylphenol	0.500		3.07	3.33	0	92.2	51.5	94.9	04/27/2011	
4-Nitrophenol	0.350		3.17	3.33	0	95.2	53.2	104	04/27/2011	
Diethyl phthalate	0.500		2.97	3.33	0	89.0	51.7	106	04/27/2011	
Dimethyl phthalate	0.350		2.84	3.33	0	85.3	58.8	104	04/27/2011	
Di-n-butyl phthalate	0.350		1.48	1.67	0	88.6	54.3	105	04/27/2011	
Hexachlorobenzene	0.350		3.04	3.33	0	91.2	55.9	106	04/27/2011	
Hexachlorobutadiene	0.500		2.84	3.33	0	85.4	35.7	100	04/27/2011	
Hexachloroethane	0.500		2.50	3.33	0	75.2	38.9	89.9	04/27/2011	
m,p-Cresol	0.500		1.39	1.67	0	83.2	37.6	93.7	04/27/2011	
Nitrobenzene	0.500		2.48	3.33	0	74.5	51.8	104	04/27/2011	
N-Nitroso-di-n-propylamine	0.500		1.33	1.67	0	79.4	49.1	94.5	04/27/2011	
o-Cresol	0.500		1.30	1.67	0	77.7	43	101	04/27/2011	
Pentachlorophenol	2.00		3.20	3.33	0	96.0	42.2	102	04/27/2011	
Phenol	0.350		2.69	3.33	0	80.7	41.6	81.3	04/27/2011	
Pyridine	0.500		2.11	3.33	0	63.3	3.61	74.3	04/27/2011	
Surr: 2,4,6-Tribromophenol			1.60	1.67		95.7	52.1	113	04/27/2011	
Surr: 2-Fluorobiphenyl			0.651	0.835		78.0	46.3	106	04/27/2011	
Surr: 2-Fluorophenol			1.18	1.67		70.4	50.6	89	04/27/2011	
Surr: Nitrobenzene-d5			0.540	0.835		64.7	42.4	99.2	04/27/2011	
Surr: Phenol-d5			1.30	1.67		77.9	55.9	98.5	04/27/2011	



**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040503

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

**Report Date:** 29-Apr-11

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

Batch 67639		SampType: LCS		Units mg/Kg						
SampID: LCS-67639										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: p-Terphenyl-d14			<b>0.747</b>	0.835		89.5	45.5	115	04/27/2011	

Batch 67639		SampType: MS		Units mg/Kg-dry						
SampID: 11040503-004AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,2,4-Trichlorobenzene	0.557		<b>1.56</b>	1.86	0	83.8	35.9	102	04/27/2011	
1,4-Dichlorobenzene	0.557		<b>1.35</b>	1.86	0	72.5	29.8	95.5	04/27/2011	
2,4,5-Trichlorophenol	0.390		<b>3.25</b>	3.71	0	87.6	38.6	123	04/27/2011	
2,4,6-Trichlorophenol	0.390		<b>3.46</b>	3.71	0	93.2	35.9	123	04/27/2011	
2,4-Dimethylphenol	0.557		<b>3.10</b>	3.71	0	83.5	38.3	88	04/27/2011	
2,4-Dinitrophenol	1.11		<b>1.90</b>	3.71	0	51.3	1.88	162	04/27/2011	
2,4-Dinitrotoluene	0.390		<b>1.57</b>	1.86	0	84.4	37.5	107	04/27/2011	
2-Chlorophenol	0.557		<b>2.83</b>	3.71	0	76.1	22.6	108	04/27/2011	
4-Chloro-3-methylphenol	0.557		<b>3.32</b>	3.71	0	89.6	19.3	131	04/27/2011	
4-Nitrophenol	0.390		<b>3.19</b>	3.71	0	86.0	27.6	123	04/27/2011	
Diethyl phthalate	0.557		<b>3.22</b>	3.71	0	86.6	51.7	106	04/27/2011	
Dimethyl phthalate	0.390		<b>2.99</b>	3.71	0	80.6	58.8	104	04/27/2011	
Di-n-butyl phthalate	0.390		<b>1.59</b>	1.86	0	85.6	54.3	105	04/27/2011	
Hexachlorobenzene	0.390		<b>3.42</b>	3.71	0	92.1	55.9	106	04/27/2011	
Hexachlorobutadiene	0.557		<b>3.23</b>	3.71	0	87.1	35.7	100	04/27/2011	
Hexachloroethane	0.557		<b>2.65</b>	3.71	0	71.3	38.9	89.9	04/27/2011	
m,p-Cresol	0.557		<b>1.51</b>	1.86	0	81.3	37.6	93.7	04/27/2011	
Nitrobenzene	0.557		<b>2.91</b>	3.71	0	78.5	51.8	104	04/27/2011	
N-Nitroso-di-n-propylamine	0.557		<b>1.62</b>	1.86	0	86.9	45.5	99.1	04/27/2011	
o-Cresol	0.557		<b>1.52</b>	1.86	0	81.6	43	101	04/27/2011	
Pentachlorophenol	2.23		<b>2.59</b>	3.71	0	69.9	18.5	113	04/27/2011	
Phenol	0.390		<b>2.99</b>	3.71	0	80.4	20.8	110	04/27/2011	
Pyridine	0.557		<b>2.55</b>	3.71	0	68.7	3.61	74.3	04/27/2011	
Surr: 2,4,6-Tribromophenol			<b>1.47</b>	1.86		79.0	32.7	130	04/27/2011	
Surr: 2-Fluorobiphenyl			<b>0.645</b>	0.931		69.3	34.1	116	04/27/2011	
Surr: 2-Fluorophenol			<b>1.26</b>	1.86		67.6	30.5	99	04/27/2011	
Surr: Nitrobenzene-d5			<b>0.678</b>	0.931		72.8	34.1	101	04/27/2011	
Surr: Phenol-d5			<b>1.42</b>	1.86		76.1	34.9	110	04/27/2011	
Surr: p-Terphenyl-d14			<b>0.798</b>	0.931		85.7	41.7	124	04/27/2011	

Batch 67639		SampType: MSD		Units mg/Kg-dry				RPD Limit 40		Date Analyzed	
SampID: 11040503-004AMSD											
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
1,2,4-Trichlorobenzene	0.559		<b>1.49</b>	1.87	0	79.7	1.560	4.70	04/27/2011		
1,4-Dichlorobenzene	0.559		<b>1.29</b>	1.87	0	69.3	1.349	4.20	04/27/2011		
2,4,5-Trichlorophenol	0.391		<b>3.04</b>	3.72	0	81.8	3.254	6.64	04/27/2011		
2,4,6-Trichlorophenol	0.391		<b>3.18</b>	3.72	0	85.4	3.461	8.46	04/27/2011		
2,4-Dimethylphenol	0.559		<b>2.98</b>	3.72	0	80.1	3.101	3.91	04/27/2011		
2,4-Dinitrophenol	1.12		<b>1.91</b>	3.72	0	51.2	1.903	0.17	04/27/2011		
2,4-Dinitrotoluene	0.391		<b>1.53</b>	1.87	0	82.0	1.572	2.57	04/27/2011		
2-Chlorophenol	0.559		<b>2.75</b>	3.72	0	73.7	2.825	2.85	04/27/2011		

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040503

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

**Report Date:** 29-Apr-11

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

Batch 67639		SampType: MSD		Units mg/Kg-dry				RPD Limit 40		Date Analyzed
SampID: 11040503-004AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
4-Chloro-3-methylphenol	0.559		3.18	3.72	0	85.3	3.325	4.55	04/27/2011	
4-Nitrophenol	0.391		3.12	3.72	0	83.9	3.195	2.27	04/27/2011	
Diethyl phthalate	0.559		3.06	3.72	0	82.3	3.215	4.80	04/27/2011	
Dimethyl phthalate	0.391		2.82	3.72	0	75.6	2.991	5.99	04/27/2011	
Di-n-butyl phthalate	0.391		1.50	1.87	0	80.2	1.593	6.23	04/27/2011	
Hexachlorobenzene	0.391		3.15	3.72	0	84.6	3.420	8.17	04/27/2011	
Hexachlorobutadiene	0.559		3.09	3.72	0	82.9	3.234	4.65	04/27/2011	
Hexachloroethane	0.559		2.47	3.72	0	66.3	2.647	6.94	04/27/2011	
m,p-Cresol	0.559		1.51	1.87	0	80.8	1.513	0.28	04/27/2011	
Nitrobenzene	0.559		2.89	3.72	0	77.6	2.914	0.86	04/27/2011	
N-Nitroso-di-n-propylamine	0.559		1.46	1.87	0	77.9	1.618	10.60	04/27/2011	
o-Cresol	0.559		1.41	1.87	0	75.7	1.519	7.20	04/27/2011	
Pentachlorophenol	2.24		2.45	3.72	0	65.8	2.594	5.63	04/27/2011	
Phenol	0.391		2.94	3.72	0	79.0	2.986	1.47	04/27/2011	
Pyridine	0.559		2.34	3.72	0	62.7	2.551	8.82	04/27/2011	
Surr: 2,4,6-Tribromophenol			1.39	1.87		74.6			04/27/2011	
Surr: 2-Fluorobiphenyl			0.583	0.934		62.5			04/27/2011	
Surr: 2-Fluorophenol			1.18	1.87		63.4			04/27/2011	
Surr: Nitrobenzene-d5			0.620	0.934		66.4			04/27/2011	
Surr: Phenol-d5			1.34	1.87		71.9			04/27/2011	
Surr: p-Terphenyl-d14			0.730	0.934		78.2			04/27/2011	

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

Batch 67393		SampType: MBLK		Units µg/Kg						Date Analyzed
SampID: MBLK-A110414-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,1,1,2-Tetrachloroethane	5.0		ND						04/14/2011	
1,1,1-Trichloroethane	5.0		ND						04/14/2011	
1,1,2,2-Tetrachloroethane	5.0		ND						04/14/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0		ND						04/14/2011	
1,1,2-Trichloroethane	5.0		ND						04/14/2011	
1,1-Dichloro-2-propanone	50.0		ND						04/14/2011	
1,1-Dichloroethane	5.0		ND						04/14/2011	
1,1-Dichloroethene	5.0		ND						04/14/2011	
1,1-Dichloropropene	5.0		ND						04/14/2011	
1,2,3-Trichlorobenzene	5.0		ND						04/14/2011	
1,2,3-Trichloropropane	10		ND						04/14/2011	
1,2,3-Trimethylbenzene	5.0		ND						04/14/2011	
1,2,4-Trichlorobenzene	5.0		ND						04/14/2011	
1,2,4-Trimethylbenzene	5.0		ND						04/14/2011	
1,2-Dibromo-3-chloropropane	5.0		ND						04/14/2011	
1,2-Dibromoethane	5.0		ND						04/14/2011	
1,2-Dichlorobenzene	5.0		ND						04/14/2011	
1,2-Dichloroethane	5.0		ND						04/14/2011	
1,2-Dichloropropane	5.0		ND						04/14/2011	
1,3,5-Trimethylbenzene	5.0		ND						04/14/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11040503

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

Report Date: 29-Apr-11

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

Batch 67393		SampType: MBLK		Units µg/Kg						Date Analyzed
SampID: MBLK-A110414-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
1,3-Dichlorobenzene	5.0		ND						04/14/2011	
1,3-Dichloropropane	5.0		ND						04/14/2011	
1,4-Dichlorobenzene	5.0		ND						04/14/2011	
1-Chlorobutane	5.0		ND						04/14/2011	
2,2-Dichloropropane	5.0		ND						04/14/2011	
2-Butanone	50.0		ND						04/14/2011	
2-Chlorotoluene	5.0		ND						04/14/2011	
2-Hexanone	50.0		ND						04/14/2011	
2-Nitropropane	50.0		ND						04/14/2011	
4-Chlorotoluene	5.0		ND						04/14/2011	
4-Methyl-2-pentanone	50.0		ND						04/14/2011	
Acetone	50.0		ND						04/14/2011	
Acrolein	100		ND						04/14/2011	
Acrylonitrile	10		ND						04/14/2011	
Allyl chloride	5.0		ND						04/14/2011	
Benzene	1.0		ND						04/14/2011	
Bromobenzene	5.0		ND						04/14/2011	
Bromochloromethane	5.0		ND						04/14/2011	
Bromodichloromethane	5.0		ND						04/14/2011	
Bromoform	5.0		ND						04/14/2011	
Bromomethane	10		ND						04/14/2011	
Carbon disulfide	5.0		ND						04/14/2011	
Carbon tetrachloride	5.0		ND						04/14/2011	
Chlorobenzene	5.0		ND						04/14/2011	
Chloroethane	10		ND						04/14/2011	
Chloroform	5.0		ND						04/14/2011	
Chloromethane	10		ND						04/14/2011	
cis-1,2-Dichloroethene	5.0		ND						04/14/2011	
cis-1,3-Dichloropropene	4.0		ND						04/14/2011	
Cyclohexanone	100		ND						04/14/2011	
Dibromochloromethane	5.0		ND						04/14/2011	
Dibromomethane	5.0		ND						04/14/2011	
Dichlorodifluoromethane	10		ND						04/14/2011	
Ethyl acetate	50.0		ND						04/14/2011	
Ethyl ether	5.0		ND						04/14/2011	
Ethyl methacrylate	5.0		ND						04/14/2011	
Ethylbenzene	5.0		ND						04/14/2011	
Heptane	20.0		ND						04/14/2011	
Hexachlorobutadiene	5.0		ND						04/14/2011	
Hexachloroethane	5.0		ND						04/14/2011	
Iodomethane	10		ND						04/14/2011	
Isopropylbenzene	5.0		ND						04/14/2011	
m,p-Xylenes	5.0		ND						04/14/2011	
Methacrylonitrile	50.0		ND						04/14/2011	
Methyl Methacrylate	5.0		ND						04/14/2011	
Methyl tert-butyl ether	2.0		ND						04/14/2011	
Methylacrylate	10		ND						04/14/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040503

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

**Report Date:** 29-Apr-11

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

Batch 67393		SampType: MBLK		Units µg/Kg						
SampID: MBLK-A110414-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Methylene chloride	5.0	J	1.8						04/14/2011	
Naphthalene	10		ND						04/14/2011	
n-Butylbenzene	5.0		ND						04/14/2011	
n-Hexane	20.0		ND						04/14/2011	
Nitrobenzene	100		ND						04/14/2011	
n-Propylbenzene	5.0		ND						04/14/2011	
o-Xylene	5.0		ND						04/14/2011	
Pentachloroethane	5.0		ND						04/14/2011	
p-Isopropyltoluene	5.0		ND						04/14/2011	
Propionitrile	50.0		ND						04/14/2011	
sec-Butylbenzene	5.0		ND						04/14/2011	
Styrene	5.0		ND						04/14/2011	
tert-Butylbenzene	5.0		ND						04/14/2011	
Tetrachloroethene	5.0		ND						04/14/2011	
Tetrahydrofuran	50.0		ND						04/14/2011	
Toluene	5.0		ND						04/14/2011	
trans-1,2-Dichloroethene	5.0		ND						04/14/2011	
trans-1,3-Dichloropropene	4.0		ND						04/14/2011	
Trichloroethene	5.0		ND						04/14/2011	
Trichlorofluoromethane	5.0		ND						04/14/2011	
Vinyl acetate	50.0		ND						04/14/2011	
Vinyl chloride	2.0		ND						04/14/2011	
Surr: 1,2-Dichloroethane-d4			57.1	50.0		114.2	72.2	131	04/14/2011	
Surr: 4-Bromofluorobenzene			53.8	50.0		107.5	82.1	116	04/14/2011	
Surr: Dibromofluoromethane			53.4	50.0		106.8	77.7	120	04/14/2011	
Surr: Toluene-d8			48.0	50.0		96.1	86	116	04/14/2011	

Batch 67393		SampType: LCS		Units µg/Kg						
SampID: LCS-A110414-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,1,1,2-Tetrachloroethane	5.0		51.7	50.0	0	103.4	0	200	04/14/2011	
1,1,1-Trichloroethane	5.0		54.3	50.0	0	108.7	85.6	124	04/14/2011	
1,1,2,2-Tetrachloroethane	5.0		48.2	50.0	0	96.5	0	200	04/14/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0		46.3	50.0	0	92.5	0	200	04/14/2011	
1,1,2-Trichloroethane	5.0		49.2	50.0	0	98.4	0	200	04/14/2011	
1,1-Dichloro-2-propanone	50.0		141	125	0	112.8	0	200	04/14/2011	
1,1-Dichloroethane	5.0		46.7	50.0	0	93.4	0	200	04/14/2011	
1,1-Dichloroethene	5.0		42.9	50.0	0	85.8	60.1	131	04/14/2011	
1,1-Dichloropropene	5.0		47.9	50.0	0	95.8	0	200	04/14/2011	
1,2,3-Trichlorobenzene	5.0		62.1	50.0	0	124.2	0	200	04/14/2011	
1,2,3-Trichloropropane	10		50.4	50.0	0	100.9	0	200	04/14/2011	
1,2,3-Trimethylbenzene	5.0		49.2	50.0	0	98.3	0	200	04/14/2011	
1,2,4-Trichlorobenzene	5.0		60.8	50.0	0	121.5	0	200	04/14/2011	
1,2,4-Trimethylbenzene	5.0		50.3	50.0	0	100.5	0	200	04/14/2011	
1,2-Dibromo-3-chloropropane	5.0		56.1	50.0	0	112.1	0	200	04/14/2011	
1,2-Dibromoethane	5.0		51.6	50.0	0	103.1	86.9	119	04/14/2011	
1,2-Dichlorobenzene	5.0		52.0	50.0	0	104.1	88	119	04/14/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040503

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

**Report Date:** 29-Apr-11

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

Batch 67393		SampType: LCS		Units µg/Kg						
SampID: LCS-A110414-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,2-Dichloroethane	5.0		54.3	50.0	0	108.6	73	117	04/14/2011	
1,2-Dichloropropane	5.0		49.0	50.0	0	97.9	0	200	04/14/2011	
1,3,5-Trimethylbenzene	5.0		50.6	50.0	0	101.1	0	200	04/14/2011	
1,3-Dichlorobenzene	5.0		51.8	50.0	0	103.7	85.8	125	04/14/2011	
1,3-Dichloropropane	5.0		46.4	50.0	0	92.8	0	200	04/14/2011	
1,4-Dichlorobenzene	5.0		49.8	50.0	0	99.7	84.5	124	04/14/2011	
1-Chlorobutane	5.0		41.9	50.0	0	83.9	0	200	04/14/2011	
2,2-Dichloropropane	5.0		51.6	50.0	0	103.3	0	200	04/14/2011	
2-Butanone	50.0		126	125	0	101.1	45.3	136	04/14/2011	
2-Chlorotoluene	5.0		48.0	50.0	0	95.9	0	200	04/14/2011	
2-Hexanone	50.0		110	125	0	88.1	0	200	04/14/2011	
2-Nitropropane	50.0		557	500	0	111.4	0	200	04/14/2011	
4-Chlorotoluene	5.0		48.5	50.0	0	97.0	0	200	04/14/2011	
4-Methyl-2-pentanone	50.0		125	125	0	99.8	0	200	04/14/2011	
Acetone	50.0		130	125	0	104.3	0	200	04/14/2011	
Acrylonitrile	10		43.8	50.0	0	87.7	0	200	04/14/2011	
Allyl chloride	5.0		48.0	50.0	0	96.0	0	200	04/14/2011	
Benzene	1.0		46.2	50.0	0	92.4	73.9	109	04/14/2011	
Bromobenzene	5.0		50.6	50.0	0	101.2	0	200	04/14/2011	
Bromochloromethane	5.0		47.6	50.0	0	95.1	0	200	04/14/2011	
Bromodichloromethane	5.0		53.5	50.0	0	106.9	91.3	126	04/14/2011	
Bromoform	5.0		51.7	50.0	0	103.4	0	200	04/14/2011	
Bromomethane	10		37.9	50.0	0	75.8	0	200	04/14/2011	
Carbon disulfide	5.0		36.5	50.0	0	73.0	0	200	04/14/2011	
Carbon tetrachloride	5.0		55.3	50.0	0	110.6	83.3	127	04/14/2011	
Chlorobenzene	5.0		49.8	50.0	0	99.5	85.8	116	04/14/2011	
Chloroethane	10		30.3	50.0	0	60.6	0	200	04/14/2011	
Chloroform	5.0		51.0	50.0	0	101.9	80	113	04/14/2011	
Chloromethane	10		15.2	50.0	0	30.4	0	200	04/14/2011	
cis-1,2-Dichloroethene	5.0		49.1	50.0	0	98.2	0	200	04/14/2011	
cis-1,3-Dichloropropene	4.0		51.5	50.0	0	102.9	0	200	04/14/2011	
Cyclohexanone	100		213	250	0	85.4	0	200	04/14/2011	
Dibromochloromethane	5.0		52.3	50.0	0	104.6	89.1	119	04/14/2011	
Dibromomethane	5.0		51.6	50.0	0	103.2	0	200	04/14/2011	
Dichlorodifluoromethane	10	J	7.7	50.0	0	15.4	0	200	04/14/2011	
Ethyl acetate	50.0	J	47	50.0	0	93.2	0	200	04/14/2011	
Ethyl ether	5.0		46.2	50.0	0	92.4	0	200	04/14/2011	
Ethyl methacrylate	5.0		44.7	50.0	0	89.4	0	200	04/14/2011	
Ethylbenzene	5.0		48.2	50.0	0	96.3	84.1	115	04/14/2011	
Heptane	20.0		43.2	50.0	0	86.5	0	200	04/14/2011	
Hexachlorobutadiene	5.0		62.1	50.0	0	124.2	0	200	04/14/2011	
Hexachloroethane	5.0		50.0	50.0	0	99.9	0	200	04/14/2011	
Iodomethane	10		53.6	50.0	0	107.3	0	200	04/14/2011	
Isopropylbenzene	5.0		49.6	50.0	0	99.3	0	200	04/14/2011	
m,p-Xylenes	5.0		94.3	100	0	94.3	79.1	111	04/14/2011	
Methacrylonitrile	50.0	J	47	50.0	0	93.5	0	200	04/14/2011	
Methyl Methacrylate	5.0		48.6	50.0	0	97.1	0	200	04/14/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11040503

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

Report Date: 29-Apr-11

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

Batch 67393		SampType: LCS		Units µg/Kg						
SampID: LCS-A110414-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Methyl tert-butyl ether	2.0		52.0	50.0	0	103.9	80	128	04/14/2011	
Methylacrylate	10		49.2	50.0	0	98.4	0	200	04/14/2011	
Methylene chloride	5.0		45.4	50.0	0	90.7	73.9	116	04/14/2011	
Naphthalene	10		59.3	50.0	0	118.6	73.1	135	04/14/2011	
n-Butylbenzene	5.0		49.2	50.0	0	98.4	0	200	04/14/2011	
n-Hexane	20.0		37.3	50.0	0	74.5	0	200	04/14/2011	
Nitrobenzene	100		414	500	0	82.9	0	200	04/14/2011	
n-Propylbenzene	5.0		48.1	50.0	0	96.2	0	200	04/14/2011	
o-Xylene	5.0		49.0	50.0	0	98.0	82	117	04/14/2011	
Pentachloroethane	5.0		53.1	50.0	0	106.3	0	200	04/14/2011	
p-Isopropyltoluene	5.0		49.6	50.0	0	99.2	0	200	04/14/2011	
Propionitrile	50.0		472	500	0	94.3	0	200	04/14/2011	
sec-Butylbenzene	5.0		49.8	50.0	0	99.6	0	200	04/14/2011	
Styrene	5.0		47.5	50.0	0	95.0	0	200	04/14/2011	
tert-Butylbenzene	5.0		50.1	50.0	0	100.2	0	200	04/14/2011	
Tetrachloroethene	5.0		50.6	50.0	0	101.2	74.6	115	04/14/2011	
Tetrahydrofuran	50.0	J	50	50.0	0	99.9	0	200	04/14/2011	
Toluene	5.0		42.1	50.0	0	84.2	79.1	112	04/14/2011	
trans-1,2-Dichloroethene	5.0		46.7	50.0	0	93.3	0	200	04/14/2011	
trans-1,3-Dichloropropene	4.0		47.8	50.0	0	95.7	0	200	04/14/2011	
Trichloroethene	5.0		54.8	50.0	0	109.5	81	111	04/14/2011	
Trichlorofluoromethane	5.0		43.7	50.0	0	87.5	0	200	04/14/2011	
Vinyl acetate	50.0	J	47	50.0	0	94.5	0	200	04/14/2011	
Vinyl chloride	2.0		22.4	50.0	0	44.7	0	200	04/14/2011	
Surr: 1,2-Dichloroethane-d4			54.2	50.0		108.4	72.2	131	04/14/2011	
Surr: 4-Bromofluorobenzene			52.5	50.0		105.1	82.1	116	04/14/2011	
Surr: Dibromofluoromethane			54.6	50.0		109.2	77.7	120	04/14/2011	
Surr: Toluene-d8			46.7	50.0		93.4	86	116	04/14/2011	

Batch 67393		SampType: LCSD		Units µg/Kg		RPD Limit 40				
SampID: LCSD-A110414-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
1,1,1,2-Tetrachloroethane	5.0		52.3	50.0	0	104.6	51.68	1.19	04/14/2011	
1,1,1-Trichloroethane	5.0		55.0	50.0	0	109.9	54.33	1.15	04/14/2011	
1,1,2,2-Tetrachloroethane	5.0		50.2	50.0	0	100.4	48.24	3.98	04/14/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0		46.1	50.0	0	92.2	46.26	0.35	04/14/2011	
1,1,2-Trichloroethane	5.0		50.6	50.0	0	101.2	49.20	2.85	04/14/2011	
1,1-Dichloro-2-propanone	50.0		148	125	0	118.5	141.0	4.93	04/14/2011	
1,1-Dichloroethane	5.0		47.1	50.0	0	94.1	46.68	0.81	04/14/2011	
1,1-Dichloroethene	5.0		42.7	50.0	0	85.4	42.88	0.40	04/14/2011	
1,1-Dichloropropene	5.0		48.4	50.0	0	96.9	47.89	1.12	04/14/2011	
1,2,3-Trichlorobenzene	5.0		61.9	50.0	0	123.8	62.12	0.39	04/14/2011	
1,2,3-Trichloropropane	10		53.4	50.0	0	106.8	50.45	5.70	04/14/2011	
1,2,3-Trimethylbenzene	5.0		49.1	50.0	0	98.1	49.17	0.20	04/14/2011	
1,2,4-Trichlorobenzene	5.0		60.4	50.0	0	120.8	60.76	0.59	04/14/2011	
1,2,4-Trimethylbenzene	5.0		50.4	50.0	0	100.9	50.27	0.36	04/14/2011	
1,2-Dibromo-3-chloropropane	5.0		62.3	50.0	0	124.5	56.07	10.46	04/14/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11040503

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

Report Date: 29-Apr-11

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

Batch 67393	SampType: LCSD	Units µg/Kg					RPD Limit 40			
SampID: LCSD-A110414-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
1,2-Dibromoethane	5.0		53.5	50.0	0	106.9	51.57	3.62	04/14/2011	
1,2-Dichlorobenzene	5.0		52.0	50.0	0	104.1	52.03	0.02	04/14/2011	
1,2-Dichloroethane	5.0		55.8	50.0	0	111.6	54.28	2.74	04/14/2011	
1,2-Dichloropropane	5.0		48.8	50.0	0	97.7	48.95	0.20	04/14/2011	
1,3,5-Trimethylbenzene	5.0		50.6	50.0	0	101.2	50.56	0.04	04/14/2011	
1,3-Dichlorobenzene	5.0		51.3	50.0	0	102.6	51.85	1.07	04/14/2011	
1,3-Dichloropropane	5.0		48.0	50.0	0	96.0	46.40	3.35	04/14/2011	
1,4-Dichlorobenzene	5.0		49.5	50.0	0	99.1	49.84	0.60	04/14/2011	
1-Chlorobutane	5.0		42.2	50.0	0	84.4	41.94	0.64	04/14/2011	
2,2-Dichloropropane	5.0		51.1	50.0	0	102.2	51.63	1.01	04/14/2011	
2-Butanone	50.0		139	125	0	111.0	126.4	9.31	04/14/2011	
2-Chlorotoluene	5.0		47.8	50.0	0	95.6	47.97	0.33	04/14/2011	
2-Hexanone	50.0		124	125	0	98.9	110.1	11.57	04/14/2011	
2-Nitropropane	50.0		617	500	0	123.5	557.2	10.26	04/14/2011	
4-Chlorotoluene	5.0		48.1	50.0	0	96.2	48.50	0.81	04/14/2011	
4-Methyl-2-pentanone	50.0		136	125	0	108.9	124.8	8.67	04/14/2011	
Acetone	50.0		147	125	0	117.6	130.3	12.02	04/14/2011	
Acrylonitrile	10		47.5	50.0	0	95.1	43.85	8.08	04/14/2011	
Allyl chloride	5.0		48.1	50.0	0	96.2	47.98	0.27	04/14/2011	
Benzene	1.0		46.8	50.0	0	93.7	46.21	1.35	04/14/2011	
Bromobenzene	5.0		51.1	50.0	0	102.2	50.58	1.02	04/14/2011	
Bromochloromethane	5.0		47.7	50.0	0	95.5	47.56	0.38	04/14/2011	
Bromodichloromethane	5.0		54.2	50.0	0	108.5	53.47	1.43	04/14/2011	
Bromoform	5.0		54.8	50.0	0	109.5	51.71	5.71	04/14/2011	
Bromomethane	10		37.0	50.0	0	73.9	37.92	2.56	04/14/2011	
Carbon disulfide	5.0		36.8	50.0	0	73.6	36.51	0.85	04/14/2011	
Carbon tetrachloride	5.0		55.9	50.0	0	111.9	55.28	1.17	04/14/2011	
Chlorobenzene	5.0		50.4	50.0	0	100.7	49.77	1.20	04/14/2011	
Chloroethane	10		30.1	50.0	0	60.1	30.29	0.76	04/14/2011	
Chloroform	5.0		51.8	50.0	0	103.7	50.96	1.71	04/14/2011	
Chloromethane	10		15.5	50.0	0	31.0	15.21	2.02	04/14/2011	
cis-1,2-Dichloroethene	5.0		48.9	50.0	0	97.9	49.09	0.33	04/14/2011	
cis-1,3-Dichloropropene	4.0		51.8	50.0	0	103.7	51.47	0.70	04/14/2011	
Cyclohexanone	100		226	250	0	90.6	213.5	5.92	04/14/2011	
Dibromochloromethane	5.0		54.1	50.0	0	108.3	52.29	3.48	04/14/2011	
Dibromomethane	5.0		52.9	50.0	0	105.8	51.61	2.43	04/14/2011	
Dichlorodifluoromethane	10	J	7.8	50.0	0	15.7	7.690	0.00	04/14/2011	
Ethyl acetate	50.0		52.3	50.0	0	104.7	46.61	11.56	04/14/2011	
Ethyl ether	5.0		46.7	50.0	0	93.4	46.20	1.06	04/14/2011	
Ethyl methacrylate	5.0		47.2	50.0	0	94.3	44.72	5.33	04/14/2011	
Ethylbenzene	5.0		48.5	50.0	0	97.1	48.17	0.77	04/14/2011	
Heptane	20.0		40.7	50.0	0	81.4	43.23	5.98	04/14/2011	
Hexachlorobutadiene	5.0		60.9	50.0	0	121.7	62.08	1.98	04/14/2011	
Hexachloroethane	5.0		49.8	50.0	0	99.5	49.96	0.38	04/14/2011	
Iodomethane	10		54.3	50.0	0	108.6	53.63	1.22	04/14/2011	
Isopropylbenzene	5.0		50.2	50.0	0	100.3	49.63	1.08	04/14/2011	
m,p-Xylenes	5.0		94.2	100	0	94.2	94.31	0.08	04/14/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040503

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

**Report Date:** 29-Apr-11

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

Batch 67393		SampType: LCSD		Units µg/Kg				RPD Limit 40		Date Analyzed
SampID: LCSD-A110414-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Methacrylonitrile	50.0	J	50	50.0	0	99.4	46.77	0.00	04/14/2011	
Methyl Methacrylate	5.0		52.1	50.0	0	104.3	48.56	7.09	04/14/2011	
Methyl tert-butyl ether	2.0		53.5	50.0	0	107.0	51.97	2.94	04/14/2011	
Methylacrylate	10		52.4	50.0	0	104.9	49.22	6.32	04/14/2011	
Methylene chloride	5.0		45.1	50.0	0	90.3	45.35	0.49	04/14/2011	
Naphthalene	10		62.0	50.0	0	124.1	59.28	4.53	04/14/2011	
n-Butylbenzene	5.0		48.9	50.0	0	97.8	49.22	0.69	04/14/2011	
n-Hexane	20.0		35.3	50.0	0	70.6	37.27	5.49	04/14/2011	
Nitrobenzene	100		492	500	0	98.4	414.3	17.18	04/14/2011	
n-Propylbenzene	5.0		47.7	50.0	0	95.5	48.12	0.81	04/14/2011	
o-Xylene	5.0		49.0	50.0	0	98.1	49.01	0.08	04/14/2011	
Pentachloroethane	5.0		51.7	50.0	0	103.4	53.14	2.79	04/14/2011	
p-Isopropyltoluene	5.0		49.1	50.0	0	98.3	49.62	0.97	04/14/2011	
Propionitrile	50.0		518	500	0	103.6	471.7	9.36	04/14/2011	
sec-Butylbenzene	5.0		49.6	50.0	0	99.2	49.82	0.48	04/14/2011	
Styrene	5.0		47.5	50.0	0	95.0	47.50	0.00	04/14/2011	
tert-Butylbenzene	5.0		50.2	50.0	0	100.4	50.09	0.20	04/14/2011	
Tetrachloroethene	5.0		52.9	50.0	0	105.8	50.62	4.42	04/14/2011	
Tetrahydrofuran	50.0		53.8	50.0	0	107.6	49.93	7.50	04/14/2011	
Toluene	5.0		42.0	50.0	0	84.0	42.09	0.21	04/14/2011	
trans-1,2-Dichloroethene	5.0		46.7	50.0	0	93.5	46.67	0.13	04/14/2011	
trans-1,3-Dichloropropene	4.0		48.8	50.0	0	97.7	47.83	2.09	04/14/2011	
Trichloroethene	5.0	S	55.8	50.0	0	111.5	54.77	1.77	04/14/2011	
Trichlorofluoromethane	5.0		44.1	50.0	0	88.2	43.74	0.80	04/14/2011	
Vinyl acetate	50.0	J	49	50.0	0	98.2	47.24	0.00	04/14/2011	
Vinyl chloride	2.0		22.6	50.0	0	45.3	22.37	1.16	04/14/2011	
Surr: 1,2-Dichloroethane-d4			54.8	50.0		109.7			04/14/2011	
Surr: 4-Bromofluorobenzene			52.6	50.0		105.2			04/14/2011	
Surr: Dibromofluoromethane			54.3	50.0		108.6			04/14/2011	
Surr: Toluene-d8			46.3	50.0		92.6			04/14/2011	

Batch 67478		SampType: MBLK		Units µg/Kg						Date Analyzed
SampID: MBLK-A110416-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
1,1,1,2-Tetrachloroethane	5.0		ND						04/16/2011	
1,1,1-Trichloroethane	5.0		ND						04/16/2011	
1,1,1,2-Tetrachloroethane	5.0		ND						04/16/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0		ND						04/16/2011	
1,1,2-Trichloroethane	5.0		ND						04/16/2011	
1,1-Dichloro-2-propanone	50.0		ND						04/16/2011	
1,1-Dichloroethane	5.0		ND						04/16/2011	
1,1-Dichloroethene	5.0		ND						04/16/2011	
1,1-Dichloropropene	5.0		ND						04/16/2011	
1,2,3-Trichlorobenzene	5.0		ND						04/16/2011	
1,2,3-Trichloropropane	10		ND						04/16/2011	
1,2,3-Trimethylbenzene	5.0		ND						04/16/2011	
1,2,4-Trichlorobenzene	5.0		ND						04/16/2011	



Client: PSC Industrial Outsourcing, LP

Work Order: 11040503

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

Report Date: 29-Apr-11

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

Batch 67478

SampType: MBLK

Units µg/Kg

SampID: MBLK-A110416-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
1,2,4-Trimethylbenzene	5.0		ND						04/16/2011
1,2-Dibromo-3-chloropropane	5.0		ND						04/16/2011
1,2-Dibromoethane	5.0		ND						04/16/2011
1,2-Dichlorobenzene	5.0		ND						04/16/2011
1,2-Dichloroethane	5.0		ND						04/16/2011
1,2-Dichloropropane	5.0		ND						04/16/2011
1,3,5-Trimethylbenzene	5.0		ND						04/16/2011
1,3-Dichlorobenzene	5.0		ND						04/16/2011
1,3-Dichloropropane	5.0		ND						04/16/2011
1,4-Dichlorobenzene	5.0		ND						04/16/2011
1-Chlorobutane	5.0		ND						04/16/2011
2,2-Dichloropropane	5.0		ND						04/16/2011
2-Butanone	50.0		ND						04/16/2011
2-Chlorotoluene	5.0		ND						04/16/2011
2-Hexanone	50.0		ND						04/16/2011
2-Nitropropane	50.0		ND						04/16/2011
4-Chlorotoluene	5.0		ND						04/16/2011
4-Methyl-2-pentanone	50.0		ND						04/16/2011
Acetone	50.0		ND						04/16/2011
Acrolein	100		ND						04/16/2011
Acrylonitrile	10		ND						04/16/2011
Allyl chloride	5.0		ND						04/16/2011
Benzene	1.0		ND						04/16/2011
Bromobenzene	5.0		ND						04/16/2011
Bromochloromethane	5.0		ND						04/16/2011
Bromodichloromethane	5.0		ND						04/16/2011
Bromoform	5.0		ND						04/16/2011
Bromomethane	10		ND						04/16/2011
Carbon disulfide	5.0		ND						04/16/2011
Carbon tetrachloride	5.0		ND						04/16/2011
Chlorobenzene	5.0		ND						04/16/2011
Chloroethane	10		ND						04/16/2011
Chloroform	5.0		ND						04/16/2011
Chloromethane	10		ND						04/16/2011
cis-1,2-Dichloroethene	5.0		ND						04/16/2011
cis-1,3-Dichloropropene	4.0		ND						04/16/2011
Cyclohexanone	100		ND						04/16/2011
Dibromochloromethane	5.0		ND						04/16/2011
Dibromomethane	5.0		ND						04/16/2011
Dichlorodifluoromethane	10		ND						04/16/2011
Ethyl acetate	50.0		ND						04/16/2011
Ethyl ether	5.0		ND						04/16/2011
Ethyl methacrylate	5.0		ND						04/16/2011
Ethylbenzene	5.0		ND						04/16/2011
Heptane	20.0		ND						04/16/2011
Hexachlorobutadiene	5.0		ND						04/16/2011
Hexachloroethane	5.0		ND						04/16/2011



## Quality Control Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040503

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

**Report Date:** 29-Apr-11

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

Batch 67478		SampType: MBLK		Units µg/Kg						
SampID: MBLK-A110416-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Iodomethane	10		ND						04/16/2011	
Isopropylbenzene	5.0		ND						04/16/2011	
m,p-Xylenes	5.0		ND						04/16/2011	
Methacrylonitrile	50.0		ND						04/16/2011	
Methyl Methacrylate	5.0		ND						04/16/2011	
Methyl tert-butyl ether	2.0		ND						04/16/2011	
Methylacrylate	10		ND						04/16/2011	
Methylene chloride	5.0	J	1.2						04/16/2011	
Naphthalene	10		ND						04/16/2011	
n-Butylbenzene	5.0		ND						04/16/2011	
n-Hexane	20.0		ND						04/16/2011	
Nitrobenzene	100		ND						04/16/2011	
n-Propylbenzene	5.0		ND						04/16/2011	
o-Xylene	5.0		ND						04/16/2011	
Pentachloroethane	5.0		ND						04/16/2011	
p-Isopropyltoluene	5.0		ND						04/16/2011	
Propionitrile	50.0		ND						04/16/2011	
sec-Butylbenzene	5.0		ND						04/16/2011	
Styrene	5.0		ND						04/16/2011	
tert-Butylbenzene	5.0		ND						04/16/2011	
Tetrachloroethene	5.0		ND						04/16/2011	
Tetrahydrofuran	50.0		ND						04/16/2011	
Toluene	5.0		ND						04/16/2011	
trans-1,2-Dichloroethene	5.0		ND						04/16/2011	
trans-1,3-Dichloropropene	4.0		ND						04/16/2011	
Trichloroethene	5.0		ND						04/16/2011	
Trichlorofluoromethane	5.0		ND						04/16/2011	
Vinyl acetate	50.0		ND						04/16/2011	
Vinyl chloride	2.0		ND						04/16/2011	
Surr: 1,2-Dichloroethane-d4			56.8	50.0		113.5	72.2	131	04/16/2011	
Surr: 4-Bromofluorobenzene			52.9	50.0		105.8	82.1	116	04/16/2011	
Surr: Dibromofluoromethane			53.4	50.0		106.8	77.7	120	04/16/2011	
Surr: Toluene-d8			49.4	50.0		98.9	86	116	04/16/2011	

Batch 67478		SampType: LCS		Units µg/Kg						
SampID: LCS-A110416-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,1,1,2-Tetrachloroethane	5.0		50.6	50.0	0	101.2	0	200	04/16/2011	
1,1,1-Trichloroethane	5.0		49.4	50.0	0	98.7	85.6	124	04/16/2011	
1,1,2,2-Tetrachloroethane	5.0		45.6	50.0	0	91.2	0	200	04/16/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0		41.7	50.0	0	83.4	0	200	04/16/2011	
1,1,2-Trichloroethane	5.0		47.0	50.0	0	94.0	0	200	04/16/2011	
1,1-Dichloro-2-propanone	50.0		110	125	0	87.8	0	200	04/16/2011	
1,1-Dichloroethane	5.0		42.8	50.0	0	85.5	0	200	04/16/2011	
1,1-Dichloroethene	5.0		38.7	50.0	0	77.3	60.1	131	04/16/2011	
1,1-Dichloropropene	5.0		44.4	50.0	0	88.9	0	200	04/16/2011	
1,2,3-Trichlorobenzene	5.0		62.0	50.0	0	124.1	0	200	04/16/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11040503

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

Report Date: 29-Apr-11

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

Batch 67478	SampType: LCS	Units µg/Kg								Date Analyzed	
SampID: LCS-A110416-1			RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
1,2,3-Trichloropropane	10		47.3	50.0	0	94.6	0	200	04/16/2011		
1,2,3-Trimethylbenzene	5.0		48.6	50.0	0	97.1	0	200	04/16/2011		
1,2,4-Trichlorobenzene	5.0		63.7	50.0	0	127.4	0	200	04/16/2011		
1,2,4-Trimethylbenzene	5.0		50.2	50.0	0	100.5	0	200	04/16/2011		
1,2-Dibromo-3-chloropropane	5.0		52.9	50.0	0	105.7	0	200	04/16/2011		
1,2-Dibromoethane	5.0		49.4	50.0	0	98.8	86.9	119	04/16/2011		
1,2-Dichlorobenzene	5.0		51.8	50.0	0	103.6	88	119	04/16/2011		
1,2-Dichloroethane	5.0		49.7	50.0	0	99.5	73	117	04/16/2011		
1,2-Dichloropropane	5.0		45.2	50.0	0	90.5	0	200	04/16/2011		
1,3,5-Trimethylbenzene	5.0		50.1	50.0	0	100.3	0	200	04/16/2011		
1,3-Dichlorobenzene	5.0		52.6	50.0	0	105.1	85.8	125	04/16/2011		
1,3-Dichloropropane	5.0		44.2	50.0	0	88.4	0	200	04/16/2011		
1,4-Dichlorobenzene	5.0		51.1	50.0	0	102.3	84.5	124	04/16/2011		
1-Chlorobutane	5.0		41.0	50.0	0	81.9	0	200	04/16/2011		
2,2-Dichloropropane	5.0		48.0	50.0	0	96.1	0	200	04/16/2011		
2-Butanone	50.0		111	125	0	88.5	45.3	136	04/16/2011		
2-Chlorotoluene	5.0		47.6	50.0	0	95.2	0	200	04/16/2011		
2-Hexanone	50.0		102	125	0	81.4	0	200	04/16/2011		
2-Nitropropane	50.0		494	500	0	98.8	0	200	04/16/2011		
4-Chlorotoluene	5.0		49.0	50.0	0	98.0	0	200	04/16/2011		
4-Methyl-2-pentanone	50.0		108	125	0	86.2	0	200	04/16/2011		
Acetone	50.0		124	125	0	99.1	0	200	04/16/2011		
Acrylonitrile	10		39.5	50.0	0	79.1	0	200	04/16/2011		
Allyl chloride	5.0		43.5	50.0	0	87.1	0	200	04/16/2011		
Benzene	1.0		43.2	50.0	0	86.5	73.9	109	04/16/2011		
Bromobenzene	5.0		50.8	50.0	0	101.7	0	200	04/16/2011		
Bromochloromethane	5.0		42.9	50.0	0	85.9	0	200	04/16/2011		
Bromodichloromethane	5.0		50.0	50.0	0	100	91.3	126	04/16/2011		
Bromoform	5.0		50.4	50.0	0	100.9	0	200	04/16/2011		
Bromomethane	10		31.1	50.0	0	62.2	0	200	04/16/2011		
Carbon disulfide	5.0		33.2	50.0	0	66.3	0	200	04/16/2011		
Carbon tetrachloride	5.0		51.4	50.0	0	102.7	83.3	127	04/16/2011		
Chlorobenzene	5.0		49.0	50.0	0	98.0	85.8	116	04/16/2011		
Chloroethane	10		26.3	50.0	0	52.6	0	200	04/16/2011		
Chloroform	5.0		47.7	50.0	0	95.4	80	113	04/16/2011		
Chloromethane	10		12.5	50.0	0	24.9	0	200	04/16/2011		
cis-1,2-Dichloroethene	5.0		45.3	50.0	0	90.7	0	200	04/16/2011		
cis-1,3-Dichloropropene	4.0		47.8	50.0	0	95.5	0	200	04/16/2011		
Cyclohexanone	100		201	250	0	80.3	0	200	04/16/2011		
Dibromochloromethane	5.0		50.4	50.0	0	100.7	89.1	119	04/16/2011		
Dibromomethane	5.0		46.3	50.0	0	92.6	0	200	04/16/2011		
Dichlorodifluoromethane	10	J	5.1	50.0	0	10.2	0	200	04/16/2011		
Ethyl acetate	50.0	J	41	50.0	0	81.5	0	200	04/16/2011		
Ethyl ether	5.0		41.5	50.0	0	83.1	0	200	04/16/2011		
Ethyl methacrylate	5.0		42.4	50.0	0	84.9	0	200	04/16/2011		
Ethylbenzene	5.0		47.2	50.0	0	94.4	84.1	115	04/16/2011		
Heptane	20.0		39.7	50.0	0	79.4	0	200	04/16/2011		

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040503

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

**Report Date:** 29-Apr-11

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

Batch 67478		SampType: LCS		Units µg/Kg						
SampID: LCS-A110416-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Hexachlorobutadiene	5.0		64.3	50.0	0	128.5	0	200	04/16/2011	
Hexachloroethane	5.0		50.5	50.0	0	101.1	0	200	04/16/2011	
Iodomethane	10		48.2	50.0	0	96.4	0	200	04/16/2011	
Isopropylbenzene	5.0		49.3	50.0	0	98.6	0	200	04/16/2011	
m,p-Xylenes	5.0		93.7	100	0	93.7	79.1	111	04/16/2011	
Methacrylonitrile	50.0	J	41	50.0	0	81.1	0	200	04/16/2011	
Methyl Methacrylate	5.0		43.1	50.0	0	86.2	0	200	04/16/2011	
Methyl tert-butyl ether	2.0		46.3	50.0	0	92.6	80	128	04/16/2011	
Methylacrylate	10		42.9	50.0	0	85.8	0	200	04/16/2011	
Methylene chloride	5.0		41.6	50.0	0	83.2	73.9	116	04/16/2011	
Naphthalene	10		57.3	50.0	0	114.6	73.1	135	04/16/2011	
n-Butylbenzene	5.0		50.6	50.0	0	101.1	0	200	04/16/2011	
n-Hexane	20.0		33.1	50.0	0	66.2	0	200	04/16/2011	
Nitrobenzene	100		414	500	0	82.8	0	200	04/16/2011	
n-Propylbenzene	5.0		48.6	50.0	0	97.1	0	200	04/16/2011	
o-Xylene	5.0		47.6	50.0	0	95.1	82	117	04/16/2011	
Pentachloroethane	5.0		52.2	50.0	0	104.4	0	200	04/16/2011	
p-Isopropyltoluene	5.0		50.1	50.0	0	100.2	0	200	04/16/2011	
Propionitrile	50.0		407	500	0	81.5	0	200	04/16/2011	
sec-Butylbenzene	5.0		49.5	50.0	0	99.0	0	200	04/16/2011	
Styrene	5.0		46.5	50.0	0	93.0	0	200	04/16/2011	
tert-Butylbenzene	5.0		50.0	50.0	0	99.9	0	200	04/16/2011	
Tetrachloroethene	5.0		52.0	50.0	0	104.0	74.6	115	04/16/2011	
Tetrahydrofuran	50.0	J	42	50.0	0	83.5	0	200	04/16/2011	
Toluene	5.0		40.9	50.0	0	81.8	79.1	112	04/16/2011	
trans-1,2-Dichloroethene	5.0		42.9	50.0	0	85.8	0	200	04/16/2011	
trans-1,3-Dichloropropene	4.0		46.6	50.0	0	93.2	0	200	04/16/2011	
Trichloroethene	5.0		51.7	50.0	0	103.4	81	111	04/16/2011	
Trichlorofluoromethane	5.0		39.0	50.0	0	77.9	0	200	04/16/2011	
Vinyl acetate	50.0	J	43	50.0	0	86.4	0	200	04/16/2011	
Vinyl chloride	2.0		19.0	50.0	0	37.9	0	200	04/16/2011	
Surr: 1,2-Dichloroethane-d4			52.8	50.0		105.5	72.2	131	04/16/2011	
Surr: 4-Bromofluorobenzene			52.6	50.0		105.3	82.1	116	04/16/2011	
Surr: Dibromofluoromethane			53.2	50.0		106.4	77.7	120	04/16/2011	
Surr: Toluene-d8			47.6	50.0		95.2	86	116	04/16/2011	

Batch 67478		SampType: LCSD		Units µg/Kg		RPD Limit 40				
SampID: LCSD-A110416-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
1,1,1,2-Tetrachloroethane	5.0		50.6	50.0	0	101.2	50.58	0.02	04/16/2011	
1,1,1-Trichloroethane	5.0		49.5	50.0	0	99.1	49.35	0.36	04/16/2011	
1,1,2,2-Tetrachloroethane	5.0		46.1	50.0	0	92.1	45.62	0.98	04/16/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0		42.0	50.0	0	84.1	41.68	0.84	04/16/2011	
1,1,2-Trichloroethane	5.0		47.0	50.0	0	94.0	47.02	0.02	04/16/2011	
1,1-Dichloro-2-propanone	50.0		115	125	0	91.8	109.8	4.47	04/16/2011	
1,1-Dichloroethane	5.0		42.7	50.0	0	85.4	42.77	0.21	04/16/2011	
1,1-Dichloroethene	5.0		38.1	50.0	0	76.2	38.66	1.49	04/16/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11040503

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

Report Date: 29-Apr-11

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

Batch 67478	SampType: LCSD	Units µg/Kg					RPD Limit 40			
SampID: LCSD-A110416-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
1,1-Dichloropropene	5.0		44.7	50.0	0	89.4	44.44	0.58	04/16/2011	
1,2,3-Trichlorobenzene	5.0		62.0	50.0	0	123.9	62.04	0.13	04/16/2011	
1,2,3-Trichloropropane	10		47.5	50.0	0	94.9	47.28	0.38	04/16/2011	
1,2,3-Trimethylbenzene	5.0		48.3	50.0	0	96.6	48.57	0.60	04/16/2011	
1,2,4-Trichlorobenzene	5.0		62.6	50.0	0	125.3	63.70	1.68	04/16/2011	
1,2,4-Trimethylbenzene	5.0		50.3	50.0	0	100.6	50.24	0.10	04/16/2011	
1,2-Dibromo-3-chloropropane	5.0		53.6	50.0	0	107.3	52.87	1.45	04/16/2011	
1,2-Dibromoethane	5.0		48.6	50.0	0	97.2	49.40	1.63	04/16/2011	
1,2-Dichlorobenzene	5.0		51.8	50.0	0	103.5	51.79	0.08	04/16/2011	
1,2-Dichloroethane	5.0		49.8	50.0	0	99.6	49.73	0.10	04/16/2011	
1,2-Dichloropropane	5.0		44.9	50.0	0	89.8	45.24	0.73	04/16/2011	
1,3,5-Trimethylbenzene	5.0		50.4	50.0	0	100.8	50.14	0.54	04/16/2011	
1,3-Dichlorobenzene	5.0		51.6	50.0	0	103.3	52.56	1.79	04/16/2011	
1,3-Dichloropropane	5.0		44.0	50.0	0	88.0	44.21	0.43	04/16/2011	
1,4-Dichlorobenzene	5.0		50.1	50.0	0	100.2	51.14	2.05	04/16/2011	
1-Chlorobutane	5.0		40.7	50.0	0	81.4	40.95	0.59	04/16/2011	
2,2-Dichloropropane	5.0		48.0	50.0	0	96.0	48.04	0.04	04/16/2011	
2-Butanone	50.0		108	125	0	86.7	110.6	2.03	04/16/2011	
2-Chlorotoluene	5.0		47.7	50.0	0	95.4	47.62	0.21	04/16/2011	
2-Hexanone	50.0		100	125	0	80.4	101.7	1.23	04/16/2011	
2-Nitropropane	50.0		487	500	0	97.4	493.8	1.41	04/16/2011	
4-Chlorotoluene	5.0		49.0	50.0	0	97.9	49.01	0.12	04/16/2011	
4-Methyl-2-pentanone	50.0		107	125	0	86.0	107.7	0.21	04/16/2011	
Acetone	50.0		122	125	0	97.6	123.8	1.46	04/16/2011	
Acrylonitrile	10		39.2	50.0	0	78.4	39.54	0.89	04/16/2011	
Allyl chloride	5.0		43.7	50.0	0	87.4	43.53	0.41	04/16/2011	
Benzene	1.0		43.0	50.0	0	86.1	43.24	0.46	04/16/2011	
Bromobenzene	5.0		50.2	50.0	0	100.4	50.83	1.21	04/16/2011	
Bromochloromethane	5.0		43.0	50.0	0	86.0	42.94	0.09	04/16/2011	
Bromodichloromethane	5.0		49.8	50.0	0	99.7	49.98	0.28	04/16/2011	
Bromoform	5.0		50.5	50.0	0	101.0	50.43	0.18	04/16/2011	
Bromomethane	10		30.7	50.0	0	61.4	31.12	1.29	04/16/2011	
Carbon disulfide	5.0		33.0	50.0	0	65.9	33.16	0.60	04/16/2011	
Carbon tetrachloride	5.0		51.3	50.0	0	102.6	51.35	0.08	04/16/2011	
Chlorobenzene	5.0		48.6	50.0	0	97.1	49.01	0.90	04/16/2011	
Chloroethane	10		26.4	50.0	0	52.7	26.31	0.19	04/16/2011	
Chloroform	5.0		47.4	50.0	0	94.8	47.72	0.69	04/16/2011	
Chloromethane	10		11.8	50.0	0	23.6	12.47	5.61	04/16/2011	
cis-1,2-Dichloroethene	5.0		45.4	50.0	0	90.8	45.33	0.20	04/16/2011	
cis-1,3-Dichloropropene	4.0		47.5	50.0	0	95.0	47.77	0.61	04/16/2011	
Cyclohexanone	100		199	250	0	79.7	200.8	0.81	04/16/2011	
Dibromochloromethane	5.0		50.9	50.0	0	101.8	50.37	1.09	04/16/2011	
Dibromomethane	5.0		46.6	50.0	0	93.2	46.32	0.56	04/16/2011	
Dichlorodifluoromethane	10	J	5.0	50.0	0	9.9	5.080	0.00	04/16/2011	
Ethyl acetate	50.0	J	41	50.0	0	82.2	40.73	0.00	04/16/2011	
Ethyl ether	5.0		40.8	50.0	0	81.5	41.54	1.92	04/16/2011	
Ethyl methacrylate	5.0		42.3	50.0	0	84.7	42.43	0.21	04/16/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11040503

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

Report Date: 29-Apr-11

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

Batch 67478	SampType: LCSD	Units µg/Kg					RPD Limit 40			Date Analyzed
SampID: LCSD-A110416-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Ethylbenzene	5.0		47.0	50.0	0	93.9	47.18	0.49	04/16/2011	
Heptane	20.0		40.6	50.0	0	81.3	39.71	2.29	04/16/2011	
Hexachlorobutadiene	5.0		63.8	50.0	0	127.7	64.27	0.66	04/16/2011	
Hexachloroethane	5.0		49.5	50.0	0	99.0	50.54	2.06	04/16/2011	
Iodomethane	10		49.2	50.0	0	98.4	48.18	2.09	04/16/2011	
Isopropylbenzene	5.0		49.0	50.0	0	98.0	49.32	0.69	04/16/2011	
m,p-Xylenes	5.0		91.8	100	0	91.8	93.69	2.02	04/16/2011	
Methacrylonitrile	50.0	J	40	50.0	0	80.5	40.56	0.00	04/16/2011	
Methyl Methacrylate	5.0		42.6	50.0	0	85.1	43.08	1.24	04/16/2011	
Methyl tert-butyl ether	2.0		46.3	50.0	0	92.6	46.32	0.04	04/16/2011	
Methylacrylate	10		42.9	50.0	0	85.7	42.91	0.12	04/16/2011	
Methylene chloride	5.0		41.5	50.0	0	83.0	41.62	0.34	04/16/2011	
Naphthalene	10		56.9	50.0	0	113.9	57.29	0.61	04/16/2011	
n-Butylbenzene	5.0		50.1	50.0	0	100.1	50.56	0.97	04/16/2011	
n-Hexane	20.0		34.1	50.0	0	68.3	33.12	3.00	04/16/2011	
Nitrobenzene	100		407	500	0	81.4	413.9	1.70	04/16/2011	
n-Propylbenzene	5.0		48.1	50.0	0	96.3	48.56	0.87	04/16/2011	
o-Xylene	5.0		47.4	50.0	0	94.8	47.56	0.38	04/16/2011	
Pentachloroethane	5.0		50.7	50.0	0	101.4	52.21	2.95	04/16/2011	
p-Isopropyltoluene	5.0		50.0	50.0	0	100.1	50.12	0.16	04/16/2011	
Propionitrile	50.0		408	500	0	81.6	407.4	0.15	04/16/2011	
sec-Butylbenzene	5.0		49.9	50.0	0	99.7	49.50	0.74	04/16/2011	
Styrene	5.0		46.3	50.0	0	92.6	46.52	0.47	04/16/2011	
tert-Butylbenzene	5.0		50.1	50.0	0	100.1	49.95	0.24	04/16/2011	
Tetrachloroethene	5.0		52.0	50.0	0	104.1	51.98	0.12	04/16/2011	
Tetrahydrofuran	50.0	J	42	50.0	0	83.3	41.76	0.00	04/16/2011	
Toluene	5.0		41.0	50.0	0	82.0	40.90	0.27	04/16/2011	
trans-1,2-Dichloroethene	5.0		42.6	50.0	0	85.3	42.89	0.61	04/16/2011	
trans-1,3-Dichloropropene	4.0		45.7	50.0	0	91.4	46.58	1.89	04/16/2011	
Trichloroethene	5.0		52.1	50.0	0	104.3	51.72	0.79	04/16/2011	
Trichlorofluoromethane	5.0		38.9	50.0	0	77.7	38.96	0.23	04/16/2011	
Vinyl acetate	50.0	J	42	50.0	0	84.1	43.19	0.00	04/16/2011	
Vinyl chloride	2.0		18.4	50.0	0	36.8	18.95	3.05	04/16/2011	
Surr: 1,2-Dichloroethane-d4			52.5	50.0		105.0			04/16/2011	
Surr: 4-Bromofluorobenzene			51.5	50.0		103.1			04/16/2011	
Surr: Dibromofluoromethane			52.7	50.0		105.4			04/16/2011	
Surr: Toluene-d8			47.3	50.0		94.6			04/16/2011	



# Receiving Check List

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11040503

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

Report Date: 29-Apr-11

Carrier: Sean Spinner

Received By: TWM

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

Reviewed by: *Elizabeth A. Hurley*  
On: 12-Apr-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  
 P.O. Box 230  
 Columbia, IL 62236-0230

(618) 281-7173 Phone  
 (800) 733-7173  
 (618) 281-5120 Fax

COC Serial No. **B** 10004

11040503

Project Name: Champaign M&P Project Mgr.: Pete Szazama  
 Project Number: 624-0908-0120 Cost Code: J0002  
 Sampler(s): J. Rudy / J. Blanton  
 Laboratory Name: Teklab  
 Location: Collinsville, IL

Sample Number and (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 *	VOCs 8400	VOCs 8470	SVOCs 8470	SVOCs 8470 Sims		
P8-H1-W(19')	4/11/11	1310	X				0	X	X	X	X			1040503-001
P8-H2-W(19')	↙	1315	X				0	X	X	X	X			-002
P8-H3-W(19')	↘	1325	X				0	X	X	X	X			-003
P8-H4-W(19')	↘	1335	X				0	X	X	X	X			-004

**Teklab, Inc.**  
**Courier-PickUp**

Laboratory Temperature upon Receipt  
 2.4

**Samples Iced:**  Yes  No

**Preservatives (ONLY for Water Samples)**

- 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:  Rush  5 Days  STD  Other \_\_\_\_\_  
 Fax and/or Mail Results to: P. Szazama + L. Hoosler

Send Invoice to: \_\_\_\_\_  
 QC Deliverable Requested:  Full QC & Limits  CLP-LIKE  EDD  Other \_\_\_\_\_  
 Special Guidelines: \_\_\_\_\_  
 Reporting Limits: \_\_\_\_\_  
 \* Special: \_\_\_\_\_

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

**Relinquished by:** Signature Date 4/12/11 Time 1025

**Received by:** Signature Date 4/12/11 Time 1025

**Received by:** Signature Date 4/12/11 Time 1415



April 20, 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:** 11040587

Dear Pete Sazama:

TEKLAB, INC received 2 samples on 4/14/2011 8:20:00 AM 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/>

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**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040587

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

**Report Date:** 20-Apr-11

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**This reporting package includes the following:**

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Sample Summary	12
Dates Report	13
Quality Control Results	14
Receiving Check List	38
Chain of Custody	Appended

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040587

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

**Report Date:** 20-Apr-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:** 11040587

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

**Report Date:** 20-Apr-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](mailto:jhriley@teklabinc.com)

### Springfield

Address 3920 Pintail Dr  
Springfield, IL 62711-9415

Phone (217) 698-1004

Fax (217) 698-1005

Email [kmclain@teklabinc.com](mailto:kmclain@teklabinc.com)

### Kansas City

Address 8421 Nieman Road  
Lenexa, KS 66214

Phone (913) 541-1998

Fax (913) 541-1998

Email [dthompson@teklabinc.com](mailto:dthompson@teklabinc.com)

State	Dept	Cert #	NELAP	Exp Date	Lab
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Client: PSC Industrial Outsourcing, LP

Work Order: 11040587

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

Report Date: 20-Apr-11

Lab ID: 11040587-001

Client Sample ID: P8-E3.4-F (20 ft)

Matrix: SOLID

Collection Date: 04/13/2011 8:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		10.2	%	1	04/14/2011 16:05	R148171
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		89.8	%	1	04/14/2011 16:05	R148153
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.646		Interference	mg/Kg-dry	1	04/13/2011 10:40	R148078
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.56	J	0.28	mg/Kg-dry	1	04/13/2011 10:40	R148078
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.40		7.28	mg/Kg-dry	1	04/15/2011 11:25	67372
Barium	NELAP	0.48		17.3	mg/Kg-dry	1	04/15/2011 11:25	67372
Cadmium	NELAP	0.19		0.25	mg/Kg-dry	1	04/15/2011 11:25	67372
Chromium	NELAP	0.96		15.0	mg/Kg-dry	1	04/15/2011 11:25	67372
Lead	NELAP	3.85		9.48	mg/Kg-dry	1	04/15/2011 11:25	67372
Silver	NELAP	0.53		< 0.53	mg/Kg-dry	1	04/15/2011 11:25	67372
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.600		< 0.600	mg/Kg-dry	1	04/14/2011 18:43	67371
<b>SW-846 7471A</b>								
Mercury	NELAP	0.011	J	0.008	mg/Kg-dry	1	04/15/2011 11:17	67376
<b>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</b>								
Diesel	NELAP	5.57		ND	mg/Kg-dry	1	04/14/2011 15:10	67365
Kerosene	NELAP	5.57		ND	mg/Kg-dry	1	04/14/2011 15:10	67365
Mineral Spirits	NELAP	5.57		ND	mg/Kg-dry	1	04/14/2011 15:10	67365
Motor Oil	NELAP	5.57		ND	mg/Kg-dry	1	04/14/2011 15:10	67365
Surr: n-Tetracontane		50.6-140		86.5	%REC	1	04/14/2011 15:10	67365
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	04/14/2011 23:10	67364
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	04/14/2011 23:10	67364
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	04/14/2011 23:10	67364
Benzo(a)anthracene	NELAP	0.004	J	0.003	mg/Kg-dry	1	04/14/2011 23:10	67364
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	04/14/2011 23:10	67364
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	04/14/2011 23:10	67364
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	04/14/2011 23:10	67364
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	04/14/2011 23:10	67364
Bis(2-ethylhexyl)phthalate	NELAP	0.074		ND	mg/Kg-dry	1	04/14/2011 23:10	67364
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	04/14/2011 23:10	67364
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	04/14/2011 23:10	67364
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	04/14/2011 23:10	67364
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	04/14/2011 23:10	67364
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	04/14/2011 23:10	67364
Naphthalene	NELAP	0.004		0.019	mg/Kg-dry	1	04/14/2011 23:10	67364
Phenanthrene	NELAP	0.004		0.006	mg/Kg-dry	1	04/14/2011 23:10	67364
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	04/14/2011 23:10	67364
Surr: 2-Fluorobiphenyl		10-131		62.2	%REC	1	04/14/2011 23:10	67364
Surr: Nitrobenzene-d5		10-132		74.7	%REC	1	04/14/2011 23:10	67364
Surr: p-Terphenyl-d14		30.6-131		69.9	%REC	1	04/14/2011 23:10	67364

Client: PSC Industrial Outsourcing, LP

Work Order: 11040587

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

Report Date: 20-Apr-11

Lab ID: 11040587-001

Client Sample ID: P8-E3.4-F (20 ft)

Matrix: SOLID

Collection Date: 04/13/2011 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>								
1,2,4-Trichlorobenzene	NELAP	0.553		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
1,2-Dichlorobenzene	NELAP	0.553		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
1,3-Dichlorobenzene	NELAP	0.553		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
1,4-Dichlorobenzene	NELAP	0.553		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
2,4,5-Trichlorophenol	NELAP	0.387		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
2,4,6-Trichlorophenol	NELAP	0.387		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
2,4-Dichlorophenol	NELAP	0.553		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
2,4-Dimethylphenol	NELAP	0.553		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
2,4-Dinitrophenol	NELAP	1.11		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
2,4-Dinitrotoluene	NELAP	0.387		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
2,6-Dinitrotoluene	NELAP	0.387		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
2-Chloronaphthalene	NELAP	0.387		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
2-Chlorophenol	NELAP	0.553		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
2-Methoxy-4-methylphenol		0.719		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
2-Methylnaphthalene	NELAP	0.387		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
2-Nitroaniline	NELAP	1.11		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
2-Nitrophenol	NELAP	0.387		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
3,3'-Dichlorobenzidine	NELAP	0.387		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
3-Nitroaniline	NELAP	1.11		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
4,6-Dinitro-2-methylphenol	NELAP	1.11		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
4-Bromophenyl phenyl ether	NELAP	0.387		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
4-Chloro-3-methylphenol	NELAP	0.553		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
4-Chloroaniline	NELAP	0.553		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
4-Chlorophenyl phenyl ether	NELAP	0.387		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
4-Nitroaniline	NELAP	0.553		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
4-Nitrophenol	NELAP	0.387		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
Aniline	NELAP	0.553		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
Azobenzene		0.387		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
Benzidine	NELAP	1.17		See note	mg/Kg-dry	1	04/14/2011 14:06	67335
Benzoic acid	NELAP	1.66		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
Benzyl alcohol	NELAP	0.553		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
Bis(2-chloroethoxy)methane	NELAP	0.387		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
Bis(2-chloroethyl)ether	NELAP	0.553		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
Bis(2-chloroisopropyl)ether	NELAP	0.387		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
Butyl benzyl phthalate	NELAP	0.387		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
Carbazole		0.553		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
Dibenzofuran	NELAP	0.387		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
Diethyl phthalate	NELAP	0.553		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
Dimethyl phthalate	NELAP	0.387		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
Di-n-butyl phthalate	NELAP	0.387		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
Di-n-octyl phthalate	NELAP	0.387		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
Hexachlorobenzene	NELAP	0.387		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
Hexachlorobutadiene	NELAP	0.553		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
Hexachlorocyclopentadiene	NELAP	0.387		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
Hexachloroethane	NELAP	0.553		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
Isophorone	NELAP	0.387		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
m,p-Cresol	NELAP	0.553		ND	mg/Kg-dry	1	04/14/2011 14:06	67335

Client: PSC Industrial Outsourcing, LP

Work Order: 11040587

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

Report Date: 20-Apr-11

Lab ID: 11040587-001

Client Sample ID: P8-E3.4-F (20 ft)

Matrix: SOLID

Collection Date: 04/13/2011 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>								
Nitrobenzene	NELAP	0.553		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
N-Nitrosodimethylamine	NELAP	0.553		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
N-Nitroso-di-n-propylamine	NELAP	0.553		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
N-Nitrosodiphenylamine	NELAP	0.553		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
o-Cresol	NELAP	0.553		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
Pentachlorophenol	NELAP	2.21		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
Phenol	NELAP	0.387		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
Pyridine	NELAP	0.553		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
1,2-Diphenylhydrazine		0.929		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
Surr: 2,4,6-Tribromophenol		32.7-130		89.6	%REC	1	04/14/2011 14:06	67335
Surr: 2-Fluorobiphenyl		34.1-116		90.1	%REC	1	04/14/2011 14:06	67335
Surr: 2-Fluorophenol		30.5-99		66.1	%REC	1	04/14/2011 14:06	67335
Surr: Nitrobenzene-d5		34.1-101		70.5	%REC	1	04/14/2011 14:06	67335
Surr: Phenol-d5		34.9-110		71.1	%REC	1	04/14/2011 14:06	67335
Surr: p-Terphenyl-d14		41.7-124		92.3	%REC	1	04/14/2011 14:06	67335

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

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

1,1,1,2-Tetrachloroethane	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
1,1,1-Trichloroethane	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
1,1,2,2-Tetrachloroethane	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
1,1,2-Trichloro-1,2,2-trifluoroethane		109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
1,1,2-Trichloroethane	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
1,1-Dichloro-2-propanone		1090		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
1,1-Dichloroethane	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
1,1-Dichloroethene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
1,1-Dichloropropene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
1,2,3-Trichlorobenzene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
1,2,3-Trichloropropane	NELAP	218		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
1,2,3-Trimethylbenzene		109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
1,2,4-Trichlorobenzene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
1,2,4-Trimethylbenzene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
1,2-Dibromo-3-chloropropane	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
1,2-Dibromoethane	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
1,2-Dichlorobenzene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
1,2-Dichloroethane	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
1,2-Dichloropropane	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
1,3,5-Trimethylbenzene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
1,3-Dichlorobenzene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
1,3-Dichloropropane	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
1,4-Dichlorobenzene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
1-Chlorobutane	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
2,2-Dichloropropane	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
2-Butanone	NELAP	1090		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
2-Chlorotoluene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
2-Hexanone	NELAP	1090		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
2-Nitropropane	NELAP	1090		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
4-Chlorotoluene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389

Client: PSC Industrial Outsourcing, LP

Work Order: 11040587

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

Report Date: 20-Apr-11

Lab ID: 11040587-001

Client Sample ID: P8-E3.4-F (20 ft)

Matrix: SOLID

Collection Date: 04/13/2011 8:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
4-Methyl-2-pentanone	NELAP	1090		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Acetone	NELAP	1090		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Acetonitrile	NELAP	2180		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Acrolein	NELAP	2180		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Acrylonitrile	NELAP	218		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Allyl chloride	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Benzene	NELAP	21.8		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Bromobenzene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Bromochloromethane	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Bromodichloromethane	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Bromoform	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Bromomethane	NELAP	218		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Carbon disulfide	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Carbon tetrachloride	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Chlorobenzene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Chloroethane	NELAP	218		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Chloroform	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Chloromethane	NELAP	218		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
cis-1,2-Dichloroethene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
cis-1,3-Dichloropropene	NELAP	87.1		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Cyclohexanone		2180		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Dibromochloromethane	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Dibromomethane	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Dichlorodifluoromethane	NELAP	218		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Ethyl acetate	NELAP	1090		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Ethyl ether	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Ethyl methacrylate	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Ethylbenzene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Gasoline Range Organics (OA-1)		21800		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Heptane		436		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Hexachlorobutadiene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Hexachloroethane	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Iodomethane	NELAP	218		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Isopropylbenzene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
m,p-Xylenes	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Methacrylonitrile	NELAP	1090		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Methyl Methacrylate	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Methyl tert-butyl ether	NELAP	43.6		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Methylacrylate		218		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Methylene chloride	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Naphthalene	NELAP	218		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
n-Butylbenzene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
n-Hexane		436		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Nitrobenzene	NELAP	2180		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
n-Propylbenzene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
o-Xylene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Pentachloroethane	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389





## Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11040587

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

Report Date: 20-Apr-11

Lab ID: 11040587-001

Client Sample ID: P8-E3.4-F (20 ft)

Matrix: SOLID

Collection Date: 04/13/2011 8:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
p-Isopropyltoluene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Propionitrile	NELAP	1090		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
sec-Butylbenzene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Styrene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
tert-Butylbenzene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Tetrachloroethene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Tetrahydrofuran	NELAP	1090		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Toluene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
trans-1,2-Dichloroethene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
trans-1,3-Dichloropropene	NELAP	87.1		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
trans-1,4-Dichloro-2-butene	NELAP	218		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Trichloroethene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Trichlorofluoromethane	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Vinyl acetate	NELAP	1090		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Vinyl chloride	NELAP	43.6		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Xylenes, Total	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Surr: 1,2-Dichloroethane-d4		72.2-131		100	%REC	12.5	04/14/2011 18:03	67389
Surr: 4-Bromofluorobenzene		82.1-116		95.4	%REC	12.5	04/14/2011 18:03	67389
Surr: Dibromofluoromethane		77.7-120		91.2	%REC	12.5	04/14/2011 18:03	67389
Surr: Toluene-d8		86-116		110.9	%REC	12.5	04/14/2011 18:03	67389

*Elevated reporting limit due to matrix interference.*

Client: PSC Industrial Outsourcing, LP

Work Order: 11040587

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

Report Date: 20-Apr-11

Lab ID: 11040587-002

Client Sample ID: 6773-treated-4/13/11

Matrix: AQUEOUS

Collection Date: 04/13/2011 13:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>STANDARD METHOD 18TH ED. 4500-H B, LABORATORY ANALYZED</b>								
Lab pH	NELAP	1.00		8.74		1	04/14/2011 16:24	R148156
<b>STANDARD METHODS 18TH ED. 2540 D</b>								
Total Suspended Solids	NELAP	6		17	mg/L	1	04/14/2011 9:00	R148126
<b>STANDARD METHODS 18TH ED. 5210 B</b>								
Biochemical Oxygen Demand	NELAP	5		20	mg/L	1	04/14/2011 18:05	67397
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.078		Interference	mg/L	10	04/15/2011 9:01	R148190
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.078		0.318	mg/L	10	04/15/2011 9:01	R148190
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>								
Arsenic	NELAP	0.0250		< 0.0250	mg/L	1	04/14/2011 14:41	67359
Barium	NELAP	0.0050		0.414	mg/L	1	04/14/2011 14:41	67359
Cadmium	NELAP	0.0020		< 0.0020	mg/L	1	04/14/2011 14:41	67359
Chromium	NELAP	0.0100		0.0105	mg/L	1	04/14/2011 14:41	67359
Selenium	NELAP	0.0500		< 0.0500	mg/L	1	04/14/2011 14:41	67359
Silver	NELAP	0.0100		< 0.0100	mg/L	1	04/18/2011 11:38	67430
<b>SW-846 3020A, METALS BY GFAA (TOTAL)</b>								
Lead 7421	NELAP	0.0020		< 0.0020	mg/L	1	04/15/2011 9:01	67358
<b>SW-846 7470A (TOTAL)</b>								
Mercury	NELAP	0.00020		< 0.00020	mg/L	1	04/15/2011 11:17	67403
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.00010		0.00026	mg/L	1	04/14/2011 22:33	67363
Acenaphthylene	NELAP	0.00010		0.00033	mg/L	1	04/14/2011 22:33	67363
Anthracene	NELAP	0.00010		ND	mg/L	1	04/14/2011 22:33	67363
Benzo(a)anthracene	NELAP	0.00010		ND	mg/L	1	04/14/2011 22:33	67363
Benzo(a)pyrene	NELAP	0.00010		ND	mg/L	1	04/14/2011 22:33	67363
Benzo(b)fluoranthene	NELAP	0.00010		ND	mg/L	1	04/14/2011 22:33	67363
Benzo(g,h,i)perylene	NELAP	0.00010		ND	mg/L	1	04/14/2011 22:33	67363
Benzo(k)fluoranthene	NELAP	0.00010		ND	mg/L	1	04/14/2011 22:33	67363
Chrysene	NELAP	0.00010		ND	mg/L	1	04/14/2011 22:33	67363
Dibenzo(a,h)anthracene	NELAP	0.00010		ND	mg/L	1	04/14/2011 22:33	67363
Fluoranthene	NELAP	0.00010		ND	mg/L	1	04/14/2011 22:33	67363
Fluorene	NELAP	0.00010		0.00014	mg/L	1	04/14/2011 22:33	67363
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		ND	mg/L	1	04/14/2011 22:33	67363
Naphthalene	NELAP	0.00010		0.0149	mg/L	1	04/14/2011 22:33	67363
Phenanthrene	NELAP	0.00010		0.00022	mg/L	1	04/14/2011 22:33	67363
Pyrene	NELAP	0.00010		ND	mg/L	1	04/14/2011 22:33	67363
Total PNAs except Naphthalene		0.00013		0.00095	mg/L	1	04/14/2011 22:33	67363
Surr: 2-Fluorobiphenyl		34.3-105		63.6	%REC	1	04/14/2011 22:33	67363
Surr: 2-Fluorophenol		19.9-55.7		36.8	%REC	1	04/14/2011 22:33	67363
Surr: Nitrobenzene-d5		43-106		83.0	%REC	1	04/14/2011 22:33	67363
Surr: Phenol-d5		8.95-38.5		24.2	%REC	1	04/14/2011 22:33	67363
Surr: p-Terphenyl-d14		6.05-133		43.2	%REC	1	04/14/2011 22:33	67363
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2.0		36.0	µg/L	1	04/15/2011 22:24	67463
Ethylbenzene	NELAP	5.0	J	2.3	µg/L	1	04/15/2011 22:24	67463



## Laboratory Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040587

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

**Report Date:** 20-Apr-11

**Lab ID:** 11040587-002

**Client Sample ID:** 6773-treated-4/13/11

**Matrix:** AQUEOUS

**Collection Date:** 04/13/2011 13:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Toluene	NELAP	5.0		15.2	µg/L	1	04/15/2011 22:24	67463
Xylenes, Total	NELAP	5.0		7.8	µg/L	1	04/15/2011 22:24	67463
Surr: 1,2-Dichloroethane-d4		74.7-129		98.6	%REC	1	04/15/2011 22:24	67463
Surr: 4-Bromofluorobenzene		86-119		104.4	%REC	1	04/15/2011 22:24	67463
Surr: Dibromofluoromethane		81.7-123		103.8	%REC	1	04/15/2011 22:24	67463
Surr: Toluene-d8		84.3-114		99.2	%REC	1	04/15/2011 22:24	67463



## Sample Summary

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040587

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

**Report Date:** 20-Apr-11

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
11040587-001	P8-E3.4-F (20 ft)	Solid	5	04/13/2011 8:40
11040587-002	6773-treated-4/13/11	Aqueous	5	04/13/2011 13:50



## Dates Report

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040587

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

**Report Date:** 20-Apr-11

Sample ID	Client Sample ID	Collection Date	Received Date	
			Prep Date/Time	Analysis Date/Time
Test Name				
11040587-001A	P8-E3.4-F (20 ft)	04/13/2011 8:40	4/14/2011 8:20:00 AM	
	SW-846 3050B, 6010B, Metals by ICP		04/14/2011 12:50	04/15/2011 11:25
	SW-846 3050B, Metals by GFAA		04/14/2011 12:46	04/14/2011 18:43
	SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID		04/14/2011 10:48	04/14/2011 15:10
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		04/14/2011 10:47	04/14/2011 23:10
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		04/14/2011 10:56	04/14/2011 14:06
	SW-846 7471A		04/14/2011 13:52	04/15/2011 11:17
11040587-001B	P8-E3.4-F (20 ft)	04/13/2011 8:40	4/14/2011 8:20:00 AM	
	EPA SW846 3550C, 5035A, ASTM D2974			04/14/2011 16:05
	Standard Methods 18th Ed. 2540 G			04/14/2011 16:05
	SW-846 9012A			04/13/2011 10:40
	SW-846 9012A (Total)			04/13/2011 10:40
11040587-001E	P8-E3.4-F (20 ft)	04/13/2011 8:40	4/14/2011 8:20:00 AM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			04/14/2011 18:03
11040587-002A	6773-treated-4/13/11	04/13/2011 13:50	4/14/2011 8:20:00 AM	
	SW-846 3510C, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		04/14/2011 10:43	04/14/2011 22:33
11040587-002B	6773-treated-4/13/11	04/13/2011 13:50	4/14/2011 8:20:00 AM	
	Standard Method 18th Ed. 4500-H B, Laboratory Analyzed			04/14/2011 16:24
	Standard Methods 18th Ed. 2540 D			04/14/2011 9:00
	Standard Methods 18th Ed. 5210 B		04/14/2011 18:05	04/14/2011 18:05
11040587-002C	6773-treated-4/13/11	04/13/2011 13:50	4/14/2011 8:20:00 AM	
	SW-846 3005A, 6010B, Metals by ICP (Total)		04/14/2011 9:28	04/14/2011 14:41
	SW-846 3005A, 6010B, Metals by ICP (Total)		04/15/2011 16:09	04/18/2011 11:38
	SW-846 3020A, Metals by GFAA (Total)		04/14/2011 9:48	04/15/2011 9:01
	SW-846 7470A (Total)		04/15/2011 7:46	04/15/2011 11:17
11040587-002D	6773-treated-4/13/11	04/13/2011 13:50	4/14/2011 8:20:00 AM	
	SW-846 9012A			04/15/2011 9:01
	SW-846 9012A (Total)			04/15/2011 9:01
11040587-002E	6773-treated-4/13/11	04/13/2011 13:50	4/14/2011 8:20:00 AM	
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS			04/15/2011 22:24



## Quality Control Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040587

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

**Report Date:** 20-Apr-11

### STANDARD METHOD 18TH ED. 4500-H B, LABORATORY ANALYZED

Batch R148156		SampType: LCS		Units						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Lab pH	1.00		<b>7.00</b>	7.00	0	100	99.1	100.9	04/14/2011	

Batch R148156		SampType: DUP		Units				RPD Limit 10		Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Lab pH	1.00		<b>8.76</b>				8.740	0.23	04/14/2011	

### STANDARD METHODS 18TH ED. 2540 D

Batch R148126		SampType: MBLK		Units mg/L						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Suspended Solids	6		<b>&lt; 6</b>						04/14/2011	

Batch R148126		SampType: LCS		Units mg/L						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Suspended Solids	6		<b>97</b>	100	0	97.0	85	115	04/14/2011	
Total Suspended Solids	6		<b>99</b>	100	0	99.0	85	115	04/14/2011	
Total Suspended Solids	6		<b>97</b>	100	0	97.0	85	115	04/14/2011	
Total Suspended Solids	6		<b>97</b>	100	0	97.0	85	115	04/14/2011	

Batch R148126		SampType: DUP		Units mg/L				RPD Limit 15		Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Suspended Solids	6		<b>15</b>				17.00	12.50	04/14/2011	

### STANDARD METHODS 18TH ED. 2540 G

Batch R148153		SampType: LCS		Units %						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Solids	0.1		<b>1.0</b>	1.0	0	100	90	110	04/14/2011	

Batch R148153		SampType: LCSQC		Units %						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Total Solids	0.1		<b>1.0</b>	1.0	0	101.0	90	110	04/14/2011	

Batch R148153		SampType: DUP		Units %				RPD Limit 15		Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Total Solids	0.1		<b>90.2</b>				89.82	0.44	04/14/2011	



## Quality Control Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040587

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

**Report Date:** 20-Apr-11

### STANDARD METHODS 18TH ED. 5210 B

Batch 67397		SampType: LCS		Units mg/L						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Biochemical Oxygen Demand	5		<b>208</b>	198	0	105.1	84.6	115.4	04/14/2011	

Batch 67397		SampType: DUP		Units mg/L				RPD Limit 40		Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Biochemical Oxygen Demand	5		<b>20</b>				20.00	0.00	04/14/2011	

### SW-846 9012A (TOTAL)

Batch R148078		SampType: MBLK		Units mg/L						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.007		< <b>0.007</b>						04/13/2011	
Cyanide	0.007		< <b>0.007</b>						04/13/2011	
Cyanide	0.007		< <b>0.007</b>						04/13/2011	
Cyanide	0.007		< <b>0.007</b>						04/13/2011	
Cyanide	0.01		< <b>0.01</b>						04/13/2011	
Cyanide	0.01		< <b>0.01</b>						04/13/2011	
Cyanide	0.01		< <b>0.01</b>						04/13/2011	
Cyanide	0.007		< <b>0.007</b>						04/13/2011	
Cyanide	0.007		< <b>0.007</b>						04/13/2011	
Cyanide	0.007		< <b>0.007</b>						04/13/2011	
Cyanide	0.007		< <b>0.007</b>						04/13/2011	

Batch R148078		SampType: LCS		Units mg/L						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.007		<b>0.027</b>	0.025	0	107.5	85	115	04/13/2011	
Cyanide	0.007		<b>0.028</b>	0.025	0	112.5	85	115	04/13/2011	
Cyanide	0.007	S	<b>0.013</b>	0.025	0	53.1	90	110	04/13/2011	
Cyanide	0.007		<b>0.026</b>	0.025	0	105.4	90	110	04/13/2011	
Cyanide	0.007		<b>0.027</b>	0.025	0	108.9	90	110	04/13/2011	
Cyanide	0.008	S	<b>0.030</b>	0.025	0	119.6	85	115	04/13/2011	
Cyanide	0.01		<b>0.03</b>	0.02	0	111.2	85	115	04/13/2011	
Cyanide	0.008		<b>0.028</b>	0.025	0	113.8	85	115	04/13/2011	
Cyanide	0.007	S	<b>0.028</b>	0.025	0	112.5	90	110	04/13/2011	
Cyanide	0.008	S	<b>0.030</b>	0.025	0	119.6	90	110	04/13/2011	
Cyanide	0.007	S	<b>0.028</b>	0.025	0	113.0	90	110	04/13/2011	
Cyanide	0.01		<b>0.03</b>	0.02	0	113.0	85	115	04/13/2011	

Batch R148078		SampType: MS		Units mg/Kg-dry						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Cyanide	0.55		<b>1.78</b>	1.38	0.2831	108.5	75	125	04/13/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040587

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

**Report Date:** 20-Apr-11

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

Batch R148078		SampType: MSD		Units mg/Kg-dry				RPD Limit 15		Date Analyzed
SampID: 11040587-001BMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Cyanide	0.56		1.69	1.39	0.2831	101.3	1.778	4.88	04/13/2011	

Batch R148190		SampType: MBLK		Units mg/L				RPD Limit 15		Date Analyzed
SampID: MB-R148190										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide	0.007		< 0.007						04/15/2011	
Cyanide	0.007		< 0.007						04/15/2011	
Cyanide	0.007		< 0.007						04/15/2011	
Cyanide	0.007		< 0.007						04/15/2011	

Batch R148190		SampType: LCS		Units mg/L				RPD Limit 15		Date Analyzed
SampID: LCS-R148190										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide	0.008	S	0.028	0.025	0	112.9	90	110	04/15/2011	
Cyanide	0.008		0.028	0.025	0	112.9	85	115	04/15/2011	
Cyanide	0.007		0.028	0.025	0	113.2	85	115	04/15/2011	
Cyanide	0.007		0.029	0.025	0	114.9	85	115	04/15/2011	

**SW-846 3005A, 6010B, METALS BY ICP (TOTAL)**

Batch 67359		SampType: MBLK		Units mg/L				RPD Limit 15		Date Analyzed
SampID: MB-67359										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Arsenic	0.0250		< 0.0250	0.0250	0	0	-100	100	04/14/2011	
Barium	0.0050		< 0.0050	0.0050	0	0	-100	100	04/14/2011	
Cadmium	0.0020		< 0.0020	0.0020	0	0	-100	100	04/14/2011	
Chromium	0.0100		< 0.0100	0.0100	0	0	-100	100	04/14/2011	
Selenium	0.0500		< 0.0500	0.0500	0	0	-100	100	04/14/2011	
Silver	0.0100		< 0.0100	0.0100	0	0	-100	100	04/14/2011	

Batch 67359		SampType: LCS		Units mg/L				RPD Limit 15		Date Analyzed
SampID: LCS-67359										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Arsenic	0.0250		1.96	2.00	0	98.2	85	115	04/14/2011	
Barium	0.0050		1.96	2.00	0	97.8	85	115	04/14/2011	
Cadmium	0.0020		0.0501	0.0500	0	100.2	85	115	04/14/2011	
Chromium	0.0100		0.200	0.200	0	100	85	115	04/14/2011	
Selenium	0.0500		1.94	2.00	0	96.9	85	115	04/14/2011	

Batch 67359		SampType: MS		Units mg/L				RPD Limit 15		Date Analyzed
SampID: 11040587-002CMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Arsenic	0.0250		1.93	2.00	0	96.5	75	125	04/14/2011	
Barium	0.0050		2.18	2.00	0.4145	88.5	75	125	04/14/2011	
Cadmium	0.0020		0.0456	0.0500	0	91.2	75	125	04/14/2011	



**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040587

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

**Report Date:** 20-Apr-11

**SW-846 3005A, 6010B, METALS BY ICP (TOTAL)**

Batch 67359		SampType: MS		Units mg/L						
SampID: 11040587-002CMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Chromium	0.0100		<b>0.196</b>	0.200	0.01050	92.7	75	125	04/14/2011	
Selenium	0.0500		<b>1.92</b>	2.00	0	96.2	75	125	04/14/2011	

Batch 67359		SampType: MSD		Units mg/L							RPD Limit 20	
SampID: 11040587-002CMSD												
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed			
Arsenic	0.0250		<b>1.94</b>	2.00	0	97.2	1.930	0.77	04/14/2011			
Barium	0.0050		<b>2.20</b>	2.00	0.4145	89.5	2.185	0.91	04/14/2011			
Cadmium	0.0020		<b>0.0465</b>	0.0500	0	93.0	0.04560	1.95	04/14/2011			
Chromium	0.0100		<b>0.197</b>	0.200	0.01050	93.4	0.1959	0.71	04/14/2011			
Selenium	0.0500		<b>1.91</b>	2.00	0	95.6	1.924	0.63	04/14/2011			

Batch 67430		SampType: MBLK		Units mg/L						
SampID: MB-67430										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Arsenic	0.0250		< <b>0.0250</b>	0.0250	0	0	-100	100	04/18/2011	
Arsenic	0.0250		< <b>0.0250</b>	0.0250	0	0	-100	100	04/18/2011	
Barium	0.0050		< <b>0.0050</b>	0.0050	0	0	-100	100	04/18/2011	
Cadmium	0.0020		< <b>0.0020</b>	0.0020	0	0	-100	100	04/18/2011	
Chromium	0.0100		< <b>0.0100</b>	0.0100	0	0	-100	100	04/18/2011	
Selenium	0.0500		< <b>0.0500</b>	0.0500	0	0	-100	100	04/18/2011	
Silver	0.0100		< <b>0.0100</b>	0.0100	0	0	-100	100	04/18/2011	

Batch 67430		SampType: LCS		Units mg/L						
SampID: LCS-67430										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Arsenic	0.0250		<b>2.03</b>	2.00	0	101.5	85	115	04/18/2011	
Arsenic	0.0250		<b>2.03</b>	2.00	0	101.4	85	115	04/18/2011	
Barium	0.0050		<b>2.00</b>	2.00	0	100	85	115	04/18/2011	
Cadmium	0.0020		<b>0.0512</b>	0.0500	0	102.4	85	115	04/18/2011	
Chromium	0.0100		<b>0.218</b>	0.200	0	109.1	85	115	04/18/2011	
Selenium	0.0500		<b>2.05</b>	2.00	0	102.6	85	115	04/18/2011	
Silver	0.0100		<b>0.0534</b>	0.0500	0	106.8	85	115	04/18/2011	

Batch 67430		SampType: MS		Units mg/L						
SampID: 11040587-002CMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Silver	0.0100		<b>0.0482</b>	0.0500	0	96.4	75	125	04/18/2011	

Batch 67430		SampType: MSD		Units mg/L							RPD Limit 20	
SampID: 11040587-002CMSD												
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed			
Silver	0.0100		<b>0.0488</b>	0.0500	0	97.6	0.04820	1.24	04/18/2011			

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040587

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

**Report Date:** 20-Apr-11

### SW-846 3020A, METALS BY GFAA (TOTAL)

Batch 67358		SampType: MBLK		Units mg/L						Date Analyzed
SampID: MB-67358										
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Lead	7421	0.0020		< 0.0020	0.0020	0	0	-100	100	04/15/2011

Batch 67358		SampType: LCS		Units mg/L						Date Analyzed
SampID: LCS-67358										
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Lead	7421	0.0020		0.0140	0.0150	0	93.1	80	120	04/15/2011

Batch 67358		SampType: MS		Units mg/L						Date Analyzed
SampID: 11040587-002CMS										
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Lead	7421	0.0020		0.0114	0.0150	0	75.8	70	130	04/15/2011

Batch 67358		SampType: MSD		Units mg/L				RPD Limit 20		Date Analyzed
SampID: 11040587-002CMSD										
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Lead	7421	0.0020		0.0118	0.0150	0	78.7	0.01137	3.73	04/15/2011

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

Batch 67372		SampType: MBLK		Units mg/Kg-dry						Date Analyzed
SampID: MB-67372										
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Arsenic		2.50		< 2.50	2.50	0	0	-100	100	04/15/2011
Barium		0.50		< 0.50	0.50	0	0	-100	100	04/15/2011
Cadmium		0.20		< 0.20	0.20	0	0	-100	100	04/15/2011
Chromium		1.00		< 1.00	1.00	0	0	-100	100	04/15/2011
Lead		4.00		< 4.00	4.00	0	0	-100	100	04/15/2011
Silver		0.55		< 0.55	0.55	0	0	-100	100	04/15/2011

Batch 67372		SampType: LCS		Units mg/Kg-dry						Date Analyzed
SampID: LCS-67372										
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Arsenic		2.50		198	200	0	99.2	85	115	04/15/2011
Barium		0.50		195	200	0	97.6	85	115	04/15/2011
Cadmium		0.20		4.97	5.00	0	99.4	85	115	04/15/2011
Chromium		1.00		20.7	20.0	0	103.6	85	115	04/15/2011
Lead		4.00		50.1	50.0	0	100.2	85	115	04/15/2011
Silver		0.55		4.53	5.00	0	90.6	85	115	04/15/2011

Batch 67372		SampType: MS		Units mg/Kg-dry						Date Analyzed
SampID: 11040587-001AMS										
Analyses		RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	
Arsenic		2.40		196	192	7.279	98.1	75	125	04/15/2011
Barium		0.48		183	192	17.34	86.1	75	125	04/15/2011
Cadmium		0.19		4.39	4.81	0.2500	86.2	75	125	04/15/2011

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040587

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

**Report Date:** 20-Apr-11

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

Batch 67372		SampType: MS		Units mg/Kg-dry						Date Analyzed
SampID: 11040587-001AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Chromium	0.96		<b>34.3</b>	19.2	14.96	100.4	75	125	04/15/2011	
Lead	3.85		<b>53.2</b>	48.1	9.481	90.9	75	125	04/15/2011	
Silver	0.53		<b>4.43</b>	4.81	0	92.2	75	125	04/15/2011	

Batch 67372		SampType: MSD		Units mg/Kg-dry				RPD Limit 20		Date Analyzed
SampID: 11040587-001AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Arsenic	2.40		<b>187</b>	192	7.279	93.4	196.0	4.77	04/15/2011	
Barium	0.48		<b>177</b>	192	17.34	82.8	182.9	3.53	04/15/2011	
Cadmium	0.19		<b>4.36</b>	4.81	0.2500	85.4	4.394	0.88	04/15/2011	
Chromium	0.96		<b>32.9</b>	19.2	14.96	93.2	34.26	4.12	04/15/2011	
Lead	3.85		<b>52.1</b>	48.1	9.481	88.6	53.18	2.06	04/15/2011	
Silver	0.53		<b>4.12</b>	4.81	0	85.8	4.433	7.19	04/15/2011	

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

Batch 67371		SampType: MBLK		Units mg/Kg-dry						Date Analyzed
SampID: MB-67371										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Selenium	7740	0.600	< <b>0.600</b>	0.600	0	0	-100	100	04/16/2011	
Selenium	7740	0.600	< <b>0.600</b>	0.600	0	0	-100	100	04/14/2011	

Batch 67371		SampType: LCS		Units mg/Kg-dry						Date Analyzed
SampID: LCS-67371										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Selenium	7740	0.600	<b>2.71</b>	3.00	0	90.2	80	120	04/16/2011	
Selenium	7740	0.600	<b>3.08</b>	3.00	0	102.7	80	120	04/14/2011	

Batch 67371		SampType: MS		Units mg/Kg-dry						Date Analyzed
SampID: 11040587-001AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Selenium	7740	0.600	<b>2.97</b>	3.00	0	99.0	70	130	04/14/2011	

Batch 67371		SampType: MSD		Units mg/Kg-dry				RPD Limit 20		Date Analyzed
SampID: 11040587-001AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Selenium	7740	0.600	<b>3.23</b>	3.00	0	107.6	2.970	8.33	04/14/2011	

**SW-846 7470A (TOTAL)**

Batch 67403		SampType: MBLK		Units mg/L						Date Analyzed
SampID: MB-67403										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury	0.00020		< <b>0.00020</b>	0.00020	0	0	-100	100	04/15/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11040587

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

Report Date: 20-Apr-11

### SW-846 7470A (TOTAL)

Batch 67403		SampType: LCS		Units mg/L						Date Analyzed
SampID: LCS-67403										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury	0.00020		<b>0.00498</b>	0.00500	0	99.6	85	115	04/15/2011	

Batch 67403		SampType: MS		Units mg/L						Date Analyzed
SampID: 11040587-002CMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury	0.00020		<b>0.00475</b>	0.00500	0	95.0	75	125	04/15/2011	

Batch 67403		SampType: MSD		Units mg/L		RPD Limit 15				Date Analyzed
SampID: 11040587-002CMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Mercury	0.00020		<b>0.00496</b>	0.00500	0	99.2	0.004750	4.33	04/15/2011	

### SW-846 7471A

Batch 67376		SampType: MBLK		Units mg/Kg						Date Analyzed
SampID: MB-67376										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury	0.010		< <b>0.010</b>	0.010	0	0	-100	100	04/15/2011	

Batch 67376		SampType: LCS		Units mg/Kg						Date Analyzed
SampID: LCS-67376										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury	0.010		<b>0.260</b>	0.250	0	104.2	85	115	04/15/2011	

Batch 67376		SampType: MS		Units mg/Kg-dry						Date Analyzed
SampID: 11040587-001AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury	0.011		<b>0.315</b>	0.278	0.007793	110.2	75	125	04/15/2011	

Batch 67376		SampType: MSD		Units mg/Kg-dry		RPD Limit 15				Date Analyzed
SampID: 11040587-001AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Mercury	0.011		<b>0.313</b>	0.278	0.007793	109.6	0.3145	0.53	04/15/2011	

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

Batch 67363		SampType: MBLK		Units mg/L						Date Analyzed
SampID: MB-67363										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Acenaphthene	0.00010		<b>ND</b>						04/14/2011	
Acenaphthylene	0.00010		<b>ND</b>						04/14/2011	
Anthracene	0.00010		<b>ND</b>						04/14/2011	
Benzo(a)anthracene	0.00010		<b>ND</b>						04/14/2011	
Benzo(a)pyrene	0.00010		<b>ND</b>						04/14/2011	
Benzo(b)fluoranthene	0.00010		<b>ND</b>						04/14/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11040587

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

Report Date: 20-Apr-11

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

Batch 67363		SampType: MBLK		Units mg/L					
SampID: MB-67363									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Benzo(g,h,i)perylene	0.00010		ND						04/14/2011
Benzo(k)fluoranthene	0.00010		ND						04/14/2011
Chrysene	0.00010		ND						04/14/2011
Dibenzo(a,h)anthracene	0.00010		ND						04/14/2011
Fluoranthene	0.00010		ND						04/14/2011
Fluorene	0.00010		ND						04/14/2011
Indeno(1,2,3-cd)pyrene	0.00010		ND						04/14/2011
Naphthalene	0.00010		ND						04/14/2011
Phenanthrene	0.00010		ND						04/14/2011
Pyrene	0.00010		ND						04/14/2011
Surr: 2-Fluorobiphenyl			0.00335	0.00500		67.0	45.4	97.6	04/14/2011
Surr: 2-Fluorophenol			0.00396	0.0100		39.6	24.9	63.7	04/14/2011
Surr: Nitrobenzene-d5			0.00428	0.00500		85.6	45.2	108	04/14/2011
Surr: Phenol-d5			0.00258	0.0100		25.8	15.5	39.5	04/14/2011
Surr: p-Terphenyl-d14			0.00312	0.00500		62.4	45.5	118	04/14/2011

Batch 67363		SampType: LCS		Units mg/L					
SampID: LCS-67363									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene	0.00010		0.00388	0.00500	0	77.6	50.1	103	04/14/2011
Acenaphthylene	0.00010		0.00390	0.00500	0	78.0	53.3	122	04/14/2011
Anthracene	0.00010		0.00364	0.00500	0	72.8	57.4	110	04/14/2011
Benzo(a)anthracene	0.00010		0.00357	0.00500	0	71.4	56	102	04/14/2011
Benzo(a)pyrene	0.00010		0.00377	0.00500	0	75.4	55.4	125	04/14/2011
Benzo(b)fluoranthene	0.00010		0.00375	0.00500	0	75.0	59.3	127	04/14/2011
Benzo(g,h,i)perylene	0.00010		0.00369	0.00500	0	73.8	58.4	125	04/14/2011
Benzo(k)fluoranthene	0.00010		0.00359	0.00500	0	71.8	61.5	125	04/14/2011
Chrysene	0.00010		0.00371	0.00500	0	74.2	58.7	118	04/14/2011
Dibenzo(a,h)anthracene	0.00010		0.00377	0.00500	0	75.4	59.3	126	04/14/2011
Fluoranthene	0.00010		0.00394	0.00500	0	78.8	60.1	117	04/14/2011
Fluorene	0.00010		0.00386	0.00500	0	77.2	54.1	110	04/14/2011
Indeno(1,2,3-cd)pyrene	0.00010		0.00373	0.00500	0	74.6	58.1	123	04/14/2011
Naphthalene	0.00010		0.00374	0.00500	0	74.8	36.3	97.1	04/14/2011
Phenanthrene	0.00010		0.00390	0.00500	0	78.0	55.9	107	04/14/2011
Pyrene	0.00010		0.00398	0.00500	0	79.6	61.4	116	04/14/2011
Surr: 2-Fluorobiphenyl			0.00331	0.00500		66.2	45.4	97.6	04/14/2011
Surr: 2-Fluorophenol			0.00363	0.0100		36.3	24.9	63.7	04/14/2011
Surr: Nitrobenzene-d5			0.00410	0.00500		82.0	45.2	108	04/14/2011
Surr: Phenol-d5			0.00251	0.0100		25.1	15.5	39.5	04/14/2011
Surr: p-Terphenyl-d14			0.00269	0.00500		53.8	45.5	118	04/14/2011

Batch 67363		SampType: LCSD		Units mg/L				RPD Limit 50	
SampID: LCSD-67363									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
Acenaphthene	0.00010		0.00402	0.00500	0	80.4	0.003880	3.54	04/14/2011
Acenaphthylene	0.00010		0.00406	0.00500	0	81.2	0.003900	4.02	04/14/2011

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040587

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

**Report Date:** 20-Apr-11

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

Batch 67363		SampType: LCSD		Units mg/L				RPD Limit 50		Date Analyzed
SampID: LCSD-67363										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Anthracene	0.00010		<b>0.00380</b>	0.00500	0	76.0	0.003640	4.30	04/14/2011	
Benzo(a)anthracene	0.00010		<b>0.00408</b>	0.00500	0	81.6	0.003570	13.33	04/14/2011	
Benzo(a)pyrene	0.00010		<b>0.00449</b>	0.00500	0	89.8	0.003770	17.43	04/14/2011	
Benzo(b)fluoranthene	0.00010		<b>0.00443</b>	0.00500	0	88.6	0.003750	16.63	04/14/2011	
Benzo(g,h,i)perylene	0.00010		<b>0.00454</b>	0.00500	0	90.8	0.003690	20.66	04/14/2011	
Benzo(k)fluoranthene	0.00010		<b>0.00442</b>	0.00500	0	88.4	0.003590	20.72	04/14/2011	
Chrysene	0.00010		<b>0.00426</b>	0.00500	0	85.2	0.003710	13.80	04/14/2011	
Dibenzo(a,h)anthracene	0.00010		<b>0.00457</b>	0.00500	0	91.4	0.003770	19.18	04/14/2011	
Fluoranthene	0.00010		<b>0.00430</b>	0.00500	0	86.0	0.003940	8.74	04/14/2011	
Fluorene	0.00010		<b>0.00407</b>	0.00500	0	81.4	0.003860	5.30	04/14/2011	
Indeno(1,2,3-cd)pyrene	0.00010		<b>0.00454</b>	0.00500	0	90.8	0.003730	19.59	04/14/2011	
Naphthalene	0.00010		<b>0.00385</b>	0.00500	0	77.0	0.003740	2.90	04/14/2011	
Phenanthrene	0.00010		<b>0.00408</b>	0.00500	0	81.6	0.003900	4.51	04/14/2011	
Pyrene	0.00010		<b>0.00429</b>	0.00500	0	85.8	0.003980	7.50	04/14/2011	
Surr: 2-Fluorobiphenyl			<b>0.00394</b>	0.00500		78.8			04/14/2011	
Surr: 2-Fluorophenol			<b>0.00428</b>	0.0100		42.8			04/14/2011	
Surr: Nitrobenzene-d5			<b>0.00438</b>	0.00500		87.6			04/14/2011	
Surr: Phenol-d5			<b>0.00289</b>	0.0100		28.9			04/14/2011	
Surr: p-Terphenyl-d14			<b>0.00353</b>	0.00500		70.6			04/14/2011	

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

Batch 67365		SampType: MBLK		Units mg/Kg						Date Analyzed
SampID: MB-67365										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Diesel	5.00		<b>ND</b>						04/14/2011	
Kerosene	5.00		<b>ND</b>						04/14/2011	
Mineral Spirits	5.00		<b>ND</b>						04/14/2011	
Motor Oil	5.00		<b>ND</b>						04/14/2011	
Surr: n-Tetracontane			<b>0.50</b>	0.67		75.3	54.8	128	04/14/2011	

Batch 67365		SampType: LCS		Units mg/Kg						Date Analyzed
SampID: LCS-67365										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Diesel	5.00		<b>14.3</b>	16.7	0	85.7	40.4	121	04/14/2011	
Surr: n-Tetracontane			<b>0.57</b>	0.67		85.2	54.8	128	04/14/2011	

Batch 67365		SampType: MS		Units mg/Kg-dry						Date Analyzed
SampID: 11040587-001AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Diesel	5.52		<b>19.8</b>	18.4	0	107.5	20.3	167	04/14/2011	
Surr: n-Tetracontane			<b>0.65</b>	0.74		87.6	53.9	153	04/14/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040587

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

**Report Date:** 20-Apr-11

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

Batch 67365		SampType: MSD		Units mg/Kg-dry				RPD Limit 34		Date Analyzed
SampID: 11040587-001AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Diesel	5.58		18.5	18.6	0	99.2	19.82	6.97	04/14/2011	
Surr: n-Tetracontane			0.63	0.75		84.4			04/14/2011	

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

Batch 67335		SampType: MBLK		Units %REC						Date Analyzed
SampID: MB-67335										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Surr: 2-Fluorobiphenyl			0.522	0.835		62.6	46.3	106	04/14/2011	
Surr: p-Terphenyl-d14			0.810	0.835		97.0	45.5	115	04/14/2011	

Batch 67335		SampType: LCS		Units %REC						Date Analyzed
SampID: LCS-67335										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Surr: 2-Fluorobiphenyl			0.566	0.835		67.8	46.3	106	04/14/2011	
Surr: p-Terphenyl-d14			0.776	0.835		93.0	45.5	115	04/14/2011	

Batch 67335		SampType: LCS		Units %REC						Date Analyzed
SampID: LCSDRO-67335										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Surr: 2-Fluorobiphenyl			0.525	0.835		62.9	46.3	106	04/14/2011	
Surr: p-Terphenyl-d14			0.783	0.835		93.8	45.5	115	04/14/2011	

Batch 67364		SampType: MBLK		Units mg/Kg						Date Analyzed
SampID: MB-67364										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Acenaphthene	0.003		ND						04/14/2011	
Acenaphthylene	0.003		ND						04/14/2011	
Anthracene	0.003		ND						04/14/2011	
Benzo(a)anthracene	0.003		ND						04/14/2011	
Benzo(a)pyrene	0.003		ND						04/14/2011	
Benzo(b)fluoranthene	0.003		ND						04/14/2011	
Benzo(g,h,i)perylene	0.003		ND						04/14/2011	
Benzo(k)fluoranthene	0.003		ND						04/14/2011	
Bis(2-ethylhexyl)phthalate	0.067		ND						04/14/2011	
Chrysene	0.003		ND						04/14/2011	
Dibenzo(a,h)anthracene	0.003		ND						04/14/2011	
Fluoranthene	0.003		ND						04/14/2011	
Fluorene	0.003		ND						04/14/2011	
Indeno(1,2,3-cd)pyrene	0.003		ND						04/14/2011	
Naphthalene	0.003		ND						04/14/2011	
Phenanthrene	0.003		ND						04/14/2011	
Pyrene	0.003		ND						04/14/2011	
Surr: 2-Fluorobiphenyl			0.103	0.167		61.7	45.7	89.2	04/14/2011	
Surr: Nitrobenzene-d5			0.111	0.167		66.5	31.4	100	04/14/2011	
Surr: p-Terphenyl-d14			0.114	0.167		68.3	53.3	124	04/14/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040587

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

**Report Date:** 20-Apr-11

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

**Batch 67364**      **SampType: MBLK**      **Units mg/Kg**  
 SampID: MB-67364

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
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**Batch 67364**      **SampType: LCS**      **Units mg/Kg**  
 SampID: LCS-67364

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene	0.003		0.122	0.167	0	73.3	56.3	115	04/14/2011
Acenaphthylene	0.003		0.120	0.167	0	71.7	60.3	143	04/14/2011
Anthracene	0.003		0.113	0.167	0	67.9	52.1	109	04/14/2011
Benzo(a)anthracene	0.003		0.122	0.167	0	73.1	52.8	112	04/14/2011
Benzo(a)pyrene	0.003		0.130	0.167	0	77.6	40.8	127	04/14/2011
Benzo(b)fluoranthene	0.003		0.140	0.167	0	84.0	50.1	150	04/14/2011
Benzo(g,h,i)perylene	0.003		0.143	0.167	0	85.8	52.8	145	04/14/2011
Benzo(k)fluoranthene	0.003		0.138	0.167	0	82.8	52	153	04/14/2011
Bis(2-ethylhexyl)phthalate	0.067		0.163	0.167	0	97.6	50	150	04/14/2011
Chrysene	0.003		0.127	0.167	0	76.2	60.8	128	04/14/2011
Dibenzo(a,h)anthracene	0.003		0.146	0.167	0	87.6	54.9	150	04/14/2011
Fluoranthene	0.003		0.128	0.167	0	76.8	58.7	125	04/14/2011
Fluorene	0.003		0.124	0.167	0	74.3	57.8	125	04/14/2011
Indeno(1,2,3-cd)pyrene	0.003		0.145	0.167	0	86.8	52	147	04/14/2011
Naphthalene	0.003		0.116	0.167	0	69.7	54.8	113	04/14/2011
Phenanthrene	0.003		0.122	0.167	0	73.1	60.4	121	04/14/2011
Pyrene	0.003		0.131	0.167	0	78.4	57.9	129	04/14/2011
Surr: 2-Fluorobiphenyl			0.110	0.167		65.9	45.7	89.2	04/14/2011
Surr: Nitrobenzene-d5			0.125	0.167		75.0	31.4	100	04/14/2011
Surr: p-Terphenyl-d14			0.125	0.167		74.9	53.3	124	04/14/2011

**Batch 67364**      **SampType: MS**      **Units mg/Kg-dry**  
 SampID: 11040587-001AMS

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Acenaphthene	0.004		0.131	0.185	0	70.9	36	135	04/14/2011
Acenaphthylene	0.004		0.130	0.185	0	70.5	17.2	167	04/14/2011
Anthracene	0.004		0.119	0.185	0	64.5	39.3	124	04/14/2011
Benzo(a)anthracene	0.004		0.131	0.185	0.003319	69.1	10	183	04/14/2011
Benzo(a)pyrene	0.004		0.144	0.185	0	77.8	10	204	04/14/2011
Benzo(b)fluoranthene	0.004		0.151	0.185	0	81.6	10.6	178	04/14/2011
Benzo(g,h,i)perylene	0.004		0.156	0.185	0	84.2	10	168	04/14/2011
Benzo(k)fluoranthene	0.004		0.130	0.185	0	70.5	27.6	181	04/14/2011
Bis(2-ethylhexyl)phthalate	0.074		0.182	0.185	0	98.6	50	150	04/14/2011
Chrysene	0.004		0.135	0.185	0	73.1	10	176	04/14/2011
Dibenzo(a,h)anthracene	0.004		0.155	0.185	0	83.8	12.2	156	04/14/2011
Fluoranthene	0.004		0.130	0.185	0	70.5	10	227	04/14/2011
Fluorene	0.004		0.129	0.185	0	69.7	35.2	148	04/14/2011
Indeno(1,2,3-cd)pyrene	0.004		0.155	0.185	0	84.0	10	164	04/14/2011
Naphthalene	0.004		0.131	0.185	0.01881	60.9	14.7	128	04/14/2011
Phenanthrene	0.004		0.129	0.185	0.005532	66.7	32.8	143	04/14/2011
Pyrene	0.004		0.130	0.185	0	70.5	10	180	04/14/2011
Surr: 2-Fluorobiphenyl			0.087	0.185		47.3	10	131	04/14/2011



**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040587

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

**Report Date:** 20-Apr-11

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

Batch 67364		SampType: MS		Units mg/Kg-dry						Date Analyzed
SampID: 11040587-001AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Surr: Nitrobenzene-d5			0.121	0.185		65.5	10	132	04/14/2011	
Surr: p-Terphenyl-d14			0.107	0.185		57.9	30.6	131	04/14/2011	

Batch 67364		SampType: MSD		Units mg/Kg-dry						RPD Limit 49.7		Date Analyzed
SampID: 11040587-001AMSD												
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD				
Acenaphthene	0.004		0.127	0.186	0	68.1	0.1309	3.39	04/15/2011			
Acenaphthylene	0.004		0.127	0.186	0	68.3	0.1301	2.53	04/15/2011			
Anthracene	0.004		0.116	0.186	0	62.7	0.1191	2.19	04/15/2011			
Benzo(a)anthracene	0.004		0.127	0.186	0.003319	66.3	0.1309	3.39	04/15/2011			
Benzo(a)pyrene	0.004		0.139	0.186	0	75.0	0.1438	3.02	04/15/2011			
Benzo(b)fluoranthene	0.004		0.144	0.186	0	77.4	0.1508	4.64	04/15/2011			
Benzo(g,h,i)perylene	0.004		0.150	0.186	0	80.6	0.1556	3.73	04/15/2011			
Benzo(k)fluoranthene	0.004		0.136	0.186	0	73.3	0.1301	4.52	04/15/2011			
Bis(2-ethylhexyl)phthalate	0.075		0.173	0.186	0	92.8	0.1821	5.42	04/15/2011			
Chrysene	0.004		0.130	0.186	0	69.9	0.1349	3.84	04/15/2011			
Dibenzo(a,h)anthracene	0.004		0.150	0.186	0	80.6	0.1548	3.25	04/15/2011			
Fluoranthene	0.004		0.127	0.186	0	68.3	0.1301	2.53	04/15/2011			
Fluorene	0.004		0.127	0.186	0	68.3	0.1287	1.39	04/15/2011			
Indeno(1,2,3-cd)pyrene	0.004		0.150	0.186	0	80.8	0.1552	3.24	04/15/2011			
Naphthalene	0.004		0.129	0.186	0.01881	59.3	0.1312	1.64	04/15/2011			
Phenanthrene	0.004		0.127	0.186	0.005532	65.3	0.1287	1.39	04/15/2011			
Pyrene	0.004		0.131	0.186	0	70.7	0.1301	0.91	04/15/2011			
Surr: 2-Fluorobiphenyl			0.087	0.186		46.9			04/15/2011			
Surr: Nitrobenzene-d5			0.121	0.186		65.3			04/15/2011			
Surr: p-Terphenyl-d14			0.110	0.186		59.1			04/15/2011			

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

Batch 67335		SampType: MBLK		Units mg/Kg						Date Analyzed
SampID: MB-67335										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
1,2,4-Trichlorobenzene	0.500		ND						04/14/2011	
1,2-Dichlorobenzene	0.500		ND						04/14/2011	
1,3-Dichlorobenzene	0.500		ND						04/14/2011	
1,4-Dichlorobenzene	0.500		ND						04/14/2011	
2,4,5-Trichlorophenol	0.350		ND						04/14/2011	
2,4,6-Trichlorophenol	0.350		ND						04/14/2011	
2,4-Dichlorophenol	0.500		ND						04/14/2011	
2,4-Dimethylphenol	0.500		ND						04/14/2011	
2,4-Dinitrophenol	1.00		ND						04/14/2011	
2,4-Dinitrotoluene	0.350		ND						04/14/2011	
2,6-Dinitrotoluene	0.350		ND						04/14/2011	
2-Chloronaphthalene	0.350		ND						04/14/2011	
2-Chlorophenol	0.500		ND						04/14/2011	
2-Methoxy-4-methylphenol	0.650		ND						04/14/2011	
2-Methylnaphthalene	0.350		ND						04/14/2011	



## Quality Control Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040587

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

**Report Date:** 20-Apr-11

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

Batch 67335		SampType: MBLK		Units mg/Kg						
SampID: MB-67335										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
2-Nitroaniline	1.00		ND						04/14/2011	
2-Nitrophenol	0.350		ND						04/14/2011	
3,3'-Dichlorobenzidine	0.350		ND						04/14/2011	
3-Nitroaniline	1.00		ND						04/14/2011	
4,6-Dinitro-2-methylphenol	1.00		ND						04/14/2011	
4-Bromophenyl phenyl ether	0.350		ND						04/14/2011	
4-Chloro-3-methylphenol	0.500		ND						04/14/2011	
4-Chloroaniline	0.500		ND						04/14/2011	
4-Chlorophenyl phenyl ether	0.350		ND						04/14/2011	
4-Nitroaniline	0.500		ND						04/14/2011	
4-Nitrophenol	0.350		ND						04/14/2011	
Aniline	0.500		ND						04/14/2011	
Azobenzene	0.350		ND						04/14/2011	
Benzidine	1.06		ND						04/14/2011	
Benzoic acid	1.50		ND						04/14/2011	
Benzyl alcohol	0.500		ND						04/14/2011	
Bis(2-chloroethoxy)methane	0.350		ND						04/14/2011	
Bis(2-chloroethyl)ether	0.500		ND						04/14/2011	
Bis(2-chloroisopropyl)ether	0.350		ND						04/14/2011	
Butyl benzyl phthalate	0.350		ND						04/14/2011	
Carbazole	0.500		ND						04/14/2011	
Dibenzofuran	0.350		ND						04/14/2011	
Diethyl phthalate	0.500		ND						04/14/2011	
Dimethyl phthalate	0.350		ND						04/14/2011	
Di-n-butyl phthalate	0.350		ND						04/14/2011	
Di-n-octyl phthalate	0.350		ND						04/14/2011	
Hexachlorobenzene	0.350		ND						04/14/2011	
Hexachlorobutadiene	0.500		ND						04/14/2011	
Hexachlorocyclopentadiene	0.350		ND						04/14/2011	
Hexachloroethane	0.500		ND						04/14/2011	
Isophorone	0.350		ND						04/14/2011	
m,p-Cresol	0.500		ND						04/14/2011	
Nitrobenzene	0.500		ND						04/14/2011	
N-Nitrosodimethylamine	0.500		ND						04/14/2011	
N-Nitroso-di-n-propylamine	0.500		ND						04/14/2011	
N-Nitrosodiphenylamine	0.500		ND						04/14/2011	
o-Cresol	0.500		ND						04/14/2011	
Pentachlorophenol	2.00		ND						04/14/2011	
Phenol	0.350		ND						04/14/2011	
Pyridine	0.500		ND						04/14/2011	
1,2-Diphenylhydrazine	0.840		ND						04/14/2011	
Surr: 2,4,6-Tribromophenol			1.67	1.67		100.1	52.1	113	04/14/2011	
Surr: 2-Fluorobiphenyl			0.748	0.835		89.6	46.3	106	04/14/2011	
Surr: 2-Fluorophenol			1.15	1.67		69.1	50.6	89	04/14/2011	
Surr: Nitrobenzene-d5			0.495	0.835		59.3	42.4	99.2	04/14/2011	
Surr: Nitrobenzene-d5			0.597	0.835		71.5	42.4	99.2	04/14/2011	
Surr: Phenol-d5			1.19	1.67		71.5	55.9	98.5	04/14/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040587

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

**Report Date:** 20-Apr-11

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

Batch 67335		SampType: MBLK		Units mg/Kg						
SampID: MB-67335										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: p-Terphenyl-d14			0.774	0.835		92.7	45.5	115	04/14/2011	

Batch 67335		SampType: LCS		Units mg/Kg						
SampID: LCS-67335										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,2,4-Trichlorobenzene	0.500		1.34	1.67	0	79.9	43.9	92.2	04/14/2011	
1,4-Dichlorobenzene	0.500		1.04	1.67	0	62.1	43.8	84.1	04/14/2011	
2,4,5-Trichlorophenol	0.350		2.87	3.33	0	86.3	38.6	123	04/14/2011	
2,4,6-Trichlorophenol	0.350		2.84	3.33	0	85.2	35.9	123	04/14/2011	
2,4-Dimethylphenol	0.500		2.04	3.33	0	61.4	38.3	88	04/14/2011	
2,4-Dinitrophenol	1.00		2.25	3.33	0	67.6	1.88	162	04/14/2011	
2,4-Dinitrotoluene	0.350		1.35	1.67	0	80.7	48.6	102	04/14/2011	
2-Chlorophenol	0.500		2.05	3.33	0	61.5	46.6	84	04/14/2011	
4-Chloro-3-methylphenol	0.500		2.47	3.33	0	74.3	51.5	94.9	04/14/2011	
4-Nitrophenol	0.350		2.34	3.33	0	70.3	53.2	104	04/14/2011	
Diethyl phthalate	0.500		2.58	3.33	0	77.6	51.7	106	04/14/2011	
Dimethyl phthalate	0.350		2.47	3.33	0	74.2	58.8	104	04/14/2011	
Di-n-butyl phthalate	0.350		1.18	1.67	0	70.5	54.3	105	04/14/2011	
Hexachlorobenzene	0.350		2.97	3.33	0	89.0	55.9	106	04/14/2011	
Hexachlorobutadiene	0.500		2.77	3.33	0	83.1	35.7	100	04/14/2011	
Hexachloroethane	0.500		1.89	3.33	0	56.8	38.9	89.9	04/14/2011	
m,p-Cresol	0.500		1.10	1.67	0	65.6	37.6	93.7	04/14/2011	
Nitrobenzene	0.500		2.18	3.33	0	65.4	51.8	104	04/14/2011	
N-Nitroso-di-n-propylamine	0.500		1.04	1.67	0	62.2	49.1	94.5	04/14/2011	
o-Cresol	0.500		1.11	1.67	0	66.7	43	101	04/14/2011	
Pentachlorophenol	2.00		2.06	3.33	0	61.9	42.2	102	04/14/2011	
Phenol	0.350		2.13	3.33	0	64.1	41.6	81.3	04/14/2011	
Pyridine	0.500		1.48	3.33	0	44.4	3.61	74.3	04/14/2011	
Surr: 2,4,6-Tribromophenol			1.67	1.67		100.3	52.1	113	04/14/2011	
Surr: 2-Fluorobiphenyl			0.696	0.835		83.4	46.3	106	04/14/2011	
Surr: 2-Fluorophenol			1.05	1.67		62.8	50.6	89	04/14/2011	
Surr: Nitrobenzene-d5		S	0.849	0.835		101.7	42.4	99.2	04/14/2011	
Surr: Nitrobenzene-d5			0.723	0.835		86.6	42.4	99.2	04/14/2011	
Surr: Phenol-d5			1.13	1.67		67.5	55.9	98.5	04/14/2011	
Surr: p-Terphenyl-d14			0.734	0.835		87.9	45.5	115	04/14/2011	

Batch 67335		SampType: LCS		Units %REC						
SampID: LCSDRO-67335										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: Nitrobenzene-d5			0.479	0.835		57.4	42.4	99.2	04/14/2011	

Batch 67335		SampType: MS		Units mg/Kg-dry						
SampID: 11040587-001AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,2,4-Trichlorobenzene	0.557		1.62	1.86	0	87.1	35.9	102	04/14/2011	
1,4-Dichlorobenzene	0.557		1.29	1.86	0	69.4	29.8	95.5	04/14/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040587

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

**Report Date:** 20-Apr-11

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

Batch 67335		SampType: MS		Units mg/Kg-dry				RPD Limit 40		Date Analyzed
SampID: 11040587-001AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
2,4,5-Trichlorophenol	0.390		<b>3.00</b>	3.71	0	80.8	38.6	123	04/14/2011	
2,4,6-Trichlorophenol	0.390		<b>3.15</b>	3.71	0	84.9	35.9	123	04/14/2011	
2,4-Dimethylphenol	0.557		<b>2.53</b>	3.71	0	68.2	38.3	88	04/14/2011	
2,4-Dinitrophenol	1.11		<b>1.16</b>	3.71	0	31.3	1.88	162	04/14/2011	
2,4-Dinitrotoluene	0.390		<b>1.54</b>	1.86	0	82.6	37.5	107	04/14/2011	
2-Chlorophenol	0.557		<b>2.41</b>	3.71	0	65.0	22.6	108	04/14/2011	
4-Chloro-3-methylphenol	0.557		<b>2.80</b>	3.71	0	75.6	19.3	131	04/14/2011	
4-Nitrophenol	0.390		<b>2.32</b>	3.71	0	62.5	27.6	123	04/14/2011	
Diethyl phthalate	0.557		<b>2.87</b>	3.71	0	77.4	51.7	106	04/14/2011	
Dimethyl phthalate	0.390		<b>2.83</b>	3.71	0	76.3	58.8	104	04/14/2011	
Di-n-butyl phthalate	0.390		<b>1.36</b>	1.86	0	73.1	54.3	105	04/14/2011	
Hexachlorobenzene	0.390		<b>3.38</b>	3.71	0	91.0	55.9	106	04/14/2011	
Hexachlorobutadiene	0.557		<b>3.31</b>	3.71	0	89.2	35.7	100	04/14/2011	
Hexachloroethane	0.557		<b>2.36</b>	3.71	0	63.6	38.9	89.9	04/14/2011	
m,p-Cresol	0.557		<b>1.32</b>	1.86	0	70.9	37.6	93.7	04/14/2011	
Nitrobenzene	0.557		<b>2.60</b>	3.71	0	70.0	51.8	104	04/14/2011	
N-Nitroso-di-n-propylamine	0.557		<b>1.21</b>	1.86	0	64.9	45.5	99.1	04/14/2011	
o-Cresol	0.557		<b>1.33</b>	1.86	0	71.5	43	101	04/14/2011	
Pentachlorophenol	2.23	J	<b>1.5</b>	3.71	0	40.5	18.5	113	04/14/2011	
Phenol	0.390		<b>2.61</b>	3.71	0	70.3	20.8	110	04/14/2011	
Pyridine	0.557		<b>2.10</b>	3.71	0	56.6	3.61	74.3	04/14/2011	
Surr: 2,4,6-Tribromophenol			<b>1.65</b>	1.86		88.4	32.7	130	04/14/2011	
Surr: 2-Fluorobiphenyl			<b>0.773</b>	0.930		83.1	34.1	116	04/14/2011	
Surr: 2-Fluorophenol			<b>1.21</b>	1.86		64.9	30.5	99	04/14/2011	
Surr: Nitrobenzene-d5			<b>0.477</b>	0.930		51.3	34.1	101	04/14/2011	
Surr: Phenol-d5			<b>1.30</b>	1.86		69.9	34.9	110	04/14/2011	
Surr: p-Terphenyl-d14			<b>0.817</b>	0.930		87.8	41.7	124	04/14/2011	

Batch 67335		SampType: MSD		Units mg/Kg-dry				RPD Limit 40		Date Analyzed
SampID: 11040587-001AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
1,2,4-Trichlorobenzene	0.556		<b>1.60</b>	1.86	0	86.2	1.620	1.26	04/14/2011	
1,4-Dichlorobenzene	0.556		<b>1.30</b>	1.86	0	70.2	1.291	0.93	04/14/2011	
2,4,5-Trichlorophenol	0.389		<b>3.07</b>	3.70	0	83.1	2.996	2.60	04/14/2011	
2,4,6-Trichlorophenol	0.389		<b>3.23</b>	3.70	0	87.2	3.149	2.51	04/14/2011	
2,4-Dimethylphenol	0.556		<b>2.48</b>	3.70	0	67.0	2.531	2.02	04/14/2011	
2,4-Dinitrophenol	1.11		<b>1.16</b>	3.70	0	31.3	1.162	0.31	04/14/2011	
2,4-Dinitrotoluene	0.389		<b>1.54</b>	1.86	0	83.0	1.537	0.19	04/14/2011	
2-Chlorophenol	0.556		<b>2.52</b>	3.70	0	68.0	2.413	4.19	04/14/2011	
4-Chloro-3-methylphenol	0.556		<b>2.89</b>	3.70	0	78.2	2.803	3.18	04/14/2011	
4-Nitrophenol	0.389		<b>2.27</b>	3.70	0	61.4	2.317	2.02	04/14/2011	
Diethyl phthalate	0.556		<b>2.79</b>	3.70	0	75.5	2.871	2.75	04/14/2011	
Dimethyl phthalate	0.389		<b>2.83</b>	3.70	0	76.4	2.829	0.01	04/14/2011	
Di-n-butyl phthalate	0.389		<b>1.39</b>	1.86	0	75.0	1.360	2.40	04/14/2011	
Hexachlorobenzene	0.389		<b>3.45</b>	3.70	0	93.2	3.376	2.12	04/14/2011	
Hexachlorobutadiene	0.556		<b>3.19</b>	3.70	0	86.1	3.310	3.77	04/14/2011	
Hexachloroethane	0.556		<b>2.28</b>	3.70	0	61.6	2.359	3.37	04/14/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11040587

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

Report Date: 20-Apr-11

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

Batch 67335		SampType: MSD		Units mg/Kg-dry				RPD Limit 40		
SampID: 11040587-001AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
m,p-Cresol	0.556		1.36	1.86	0	73.2	1.319	2.95	04/14/2011	
Nitrobenzene	0.556		2.57	3.70	0	69.3	2.597	1.17	04/14/2011	
N-Nitroso-di-n-propylamine	0.556		1.24	1.86	0	66.5	1.207	2.31	04/14/2011	
o-Cresol	0.556		1.35	1.86	0	72.9	1.331	1.64	04/14/2011	
Pentachlorophenol	2.22	J	1.6	3.70	0	42.2	1.501	0.00	04/14/2011	
Phenol	0.389		2.51	3.70	0	67.7	2.609	3.99	04/14/2011	
Pyridine	0.556		2.19	3.70	0	59.2	2.101	4.17	04/14/2011	
Surr: 2,4,6-Tribromophenol			1.59	1.86		85.6			04/14/2011	
Surr: 2-Fluorobiphenyl			0.737	0.928		79.4			04/14/2011	
Surr: 2-Fluorophenol			1.19	1.86		64.0			04/14/2011	
Surr: Nitrobenzene-d5			0.468	0.928		50.4			04/14/2011	
Surr: Phenol-d5			1.27	1.86		68.5			04/14/2011	
Surr: p-Terphenyl-d14			0.803	0.928		86.5			04/14/2011	

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

Batch 67463		SampType: MBLK		Units µg/L						
SampID: MBLK-R110415-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Benzene	2.0		ND						04/15/2011	
Ethylbenzene	5.0		ND						04/15/2011	
Toluene	5.0		ND						04/15/2011	
Xylenes, Total	5.0		ND						04/15/2011	
Surr: 1,2-Dichloroethane-d4			49.8	50.0		99.7	74.7	129	04/15/2011	
Surr: 4-Bromofluorobenzene			51.9	50.0		103.7	86	119	04/15/2011	
Surr: Dibromofluoromethane			51.9	50.0		103.7	81.7	123	04/15/2011	
Surr: Toluene-d8			48.9	50.0		97.7	84.3	114	04/15/2011	

Batch 67463		SampType: LCSD		Units µg/L				RPD Limit 40		
SampID: LCSD-R110415-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Benzene	2.0		46.9	50.0	0	93.9	48.13	2.52	04/15/2011	
Ethylbenzene	5.0		48.2	50.0	0	96.3	48.93	1.61	04/15/2011	
Toluene	5.0		48.7	50.0	0	97.4	49.63	1.91	04/15/2011	
Xylenes, Total	5.0		147	150	0	97.7	150.6	2.71	04/15/2011	
Surr: 1,2-Dichloroethane-d4			49.8	50.0		99.6			04/15/2011	
Surr: 4-Bromofluorobenzene			51.7	50.0		103.4			04/15/2011	
Surr: Dibromofluoromethane			52.6	50.0		105.3			04/15/2011	
Surr: Toluene-d8			49.9	50.0		99.8			04/15/2011	

Batch 67463		SampType: LCS		Units µg/L						
SampID: LCS-R110415-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Benzene	2.0		48.1	50.0	0	96.3	82.7	117	04/15/2011	
Ethylbenzene	5.0		48.9	50.0	0	97.9	83	113	04/15/2011	
Toluene	5.0		49.6	50.0	0	99.3	79.6	116	04/15/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040587

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

**Report Date:** 20-Apr-11

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

Batch 67463		SampType: LCS		Units µg/L						Date Analyzed
SampID: LCS-R110415-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Xylenes, Total	5.0		151	150	0	100.4	80.3	120	04/15/2011	
Surr: 1,2-Dichloroethane-d4			49.3	50.0		98.6	74.7	129	04/15/2011	
Surr: 4-Bromofluorobenzene			52.8	50.0		105.7	86	119	04/15/2011	
Surr: Dibromofluoromethane			52.4	50.0		104.8	81.7	123	04/15/2011	
Surr: Toluene-d8			49.5	50.0		99.0	84.3	114	04/15/2011	

Batch 67463		SampType: MS		Units µg/L						Date Analyzed
SampID: 11040587-002EMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Benzene	2.0		75.2	46.0	36.01	85.2	57.8	125	04/15/2011	
Ethylbenzene	5.0		44.6	46.0	2.270	91.9	72.8	123	04/15/2011	
Toluene	5.0		56.6	46.0	15.18	90.0	75.8	123	04/15/2011	
Xylenes, Total	5.0		93.6	92.0	7.790	93.2	73	127	04/15/2011	
Surr: 1,2-Dichloroethane-d4			49.3	50.0		98.6	74.7	129	04/15/2011	
Surr: 4-Bromofluorobenzene			51.7	50.0		103.4	86	119	04/15/2011	
Surr: Dibromofluoromethane			51.3	50.0		102.6	81.7	123	04/15/2011	
Surr: Toluene-d8			49.4	50.0		98.8	84.3	114	04/15/2011	

Batch 67463		SampType: MSD		Units µg/L				RPD Limit 20		Date Analyzed
SampID: 11040587-002EMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Benzene	2.0		74.9	46.0	36.01	84.5	75.20	0.40	04/15/2011	
Ethylbenzene	5.0		44.7	46.0	2.270	92.2	44.56	0.22	04/15/2011	
Toluene	5.0		57.1	46.0	15.18	91.1	56.59	0.86	04/15/2011	
Xylenes, Total	5.0		94.8	92.0	7.790	94.6	93.57	1.28	04/15/2011	
Surr: 1,2-Dichloroethane-d4			49.2	50.0		98.5			04/15/2011	
Surr: 4-Bromofluorobenzene			51.4	50.0		102.8			04/15/2011	
Surr: Dibromofluoromethane			51.5	50.0		102.9			04/15/2011	
Surr: Toluene-d8			49.5	50.0		99.0			04/15/2011	

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

Batch 67389		SampType: MBLK		Units µg/Kg						Date Analyzed
SampID: MBLK-G110414-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,1,1,2-Tetrachloroethane	5.00		ND						04/14/2011	
1,1,1-Trichloroethane	5.00		ND						04/14/2011	
1,1,2,2-Tetrachloroethane	5.00		ND						04/14/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.00		ND						04/14/2011	
1,1,2-Trichloroethane	5.00		ND						04/14/2011	
1,1-Dichloro-2-propanone	50.0		ND						04/14/2011	
1,1-Dichloroethane	5.00		ND						04/14/2011	
1,1-Dichloroethene	5.00		ND						04/14/2011	
1,1-Dichloropropene	5.00		ND						04/14/2011	
1,2,3-Trichlorobenzene	5.00		ND						04/14/2011	
1,2,3-Trichloropropane	10.0		ND						04/14/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11040587

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

Report Date: 20-Apr-11

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

Batch 67389		SampType: MBLK		Units µg/Kg						Date Analyzed
SampID: MBLK-G110414-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
1,2,3-Trimethylbenzene	5.00		ND						04/14/2011	
1,2,4-Trichlorobenzene	5.00		ND						04/14/2011	
1,2,4-Trimethylbenzene	5.00		ND						04/14/2011	
1,2-Dibromo-3-chloropropane	5.00		ND						04/14/2011	
1,2-Dibromoethane	5.00		ND						04/14/2011	
1,2-Dichlorobenzene	5.00		ND						04/14/2011	
1,2-Dichloroethane	5.00		ND						04/14/2011	
1,2-Dichloropropane	5.00		ND						04/14/2011	
1,3,5-Trimethylbenzene	5.00		ND						04/14/2011	
1,3-Dichlorobenzene	5.00		ND						04/14/2011	
1,3-Dichloropropane	5.00		ND						04/14/2011	
1,4-Dichlorobenzene	5.00		ND						04/14/2011	
1-Chlorobutane	5.00		ND						04/14/2011	
2,2-Dichloropropane	5.00		ND						04/14/2011	
2-Butanone	50.0		ND						04/14/2011	
2-Chlorotoluene	5.00		ND						04/14/2011	
2-Hexanone	50.0		ND						04/14/2011	
2-Nitropropane	50.0		ND						04/14/2011	
4-Chlorotoluene	5.00		ND						04/14/2011	
4-Methyl-2-pentanone	50.0		ND						04/14/2011	
Acetone	50.0	J	12						04/14/2011	
Acetonitrile	100		ND						04/14/2011	
Acrolein	100		ND						04/14/2011	
Acrylonitrile	10.0		ND						04/14/2011	
Allyl chloride	5.00		ND						04/14/2011	
Benzene	1.00		ND						04/14/2011	
Bromobenzene	5.00		ND						04/14/2011	
Bromochloromethane	5.00		ND						04/14/2011	
Bromodichloromethane	5.00		ND						04/14/2011	
Bromoform	5.00		ND						04/14/2011	
Bromomethane	10.0		ND						04/14/2011	
Carbon disulfide	5.00		ND						04/14/2011	
Carbon tetrachloride	5.00		ND						04/14/2011	
Chlorobenzene	5.00		ND						04/14/2011	
Chloroethane	10.0		ND						04/14/2011	
Chloroform	5.00		ND						04/14/2011	
Chloromethane	10.0		ND						04/14/2011	
cis-1,2-Dichloroethene	5.00		ND						04/14/2011	
cis-1,3-Dichloropropene	4.00		ND						04/14/2011	
Cyclohexanone	100		ND						04/14/2011	
Dibromochloromethane	5.00		ND						04/14/2011	
Dibromomethane	5.00		ND						04/14/2011	
Dichlorodifluoromethane	10.0		ND						04/14/2011	
Ethyl acetate	50.0		ND						04/14/2011	
Ethyl ether	5.00		ND						04/14/2011	
Ethyl methacrylate	5.00		ND						04/14/2011	
Ethylbenzene	5.00		ND						04/14/2011	



## Quality Control Results

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040587

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

**Report Date:** 20-Apr-11

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

Batch 67389		SampType: MBLK		Units µg/Kg						
SampID: MBLK-G110414-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Heptane	20.0		ND						04/14/2011	
Hexachlorobutadiene	5.00		ND						04/14/2011	
Hexachloroethane	5.00		ND						04/14/2011	
Iodomethane	10.0		ND						04/14/2011	
Isopropylbenzene	5.00		ND						04/14/2011	
m,p-Xylenes	5.00		ND						04/14/2011	
Methacrylonitrile	50.0		ND						04/14/2011	
Methyl Methacrylate	5.00		ND						04/14/2011	
Methyl tert-butyl ether	2.00		ND						04/14/2011	
Methylacrylate	10.0		ND						04/14/2011	
Methylene chloride	5.00		ND						04/14/2011	
Naphthalene	10.0		ND						04/14/2011	
n-Butylbenzene	5.00		ND						04/14/2011	
n-Hexane	20.0		ND						04/14/2011	
Nitrobenzene	100		ND						04/14/2011	
n-Propylbenzene	5.00		ND						04/14/2011	
o-Xylene	5.00		ND						04/14/2011	
Pentachloroethane	5.00		ND						04/14/2011	
p-Isopropyltoluene	5.00		ND						04/14/2011	
Propionitrile	50.0		ND						04/14/2011	
sec-Butylbenzene	5.00		ND						04/14/2011	
Styrene	5.00		ND						04/14/2011	
tert-Butylbenzene	5.00		ND						04/14/2011	
Tetrachloroethene	5.00		ND						04/14/2011	
Tetrahydrofuran	50.0		ND						04/14/2011	
Toluene	5.00	J	1.1						04/14/2011	
trans-1,2-Dichloroethene	5.00		ND						04/14/2011	
trans-1,3-Dichloropropene	4.00		ND						04/14/2011	
trans-1,4-Dichloro-2-butene	10.0		ND						04/14/2011	
Trichloroethene	5.00		ND						04/14/2011	
Trichlorofluoromethane	5.00		ND						04/14/2011	
Vinyl acetate	50.0		ND						04/14/2011	
Vinyl chloride	2.00		ND						04/14/2011	
Xylenes, Total	5.00		ND						04/14/2011	
Gasoline Range Organics (OA-1)	1000		ND						04/14/2011	
Surr: 1,2-Dichloroethane-d4			58.8	50.0		117.6	72.2	131	04/14/2011	
Surr: 4-Bromofluorobenzene			50.5	50.0		101.0	82.1	116	04/14/2011	
Surr: Dibromofluoromethane			48.0	50.0		96.1	77.7	120	04/14/2011	
Surr: Toluene-d8			56.9	50.0		113.8	86	116	04/14/2011	

Batch 67389		SampType: LCSD		Units µg/Kg		RPD Limit 40				
SampID: LCSD-G110414-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
1,1,1,2-Tetrachloroethane	5.00		49.3	50.0	0	98.7	48.67	1.35	04/14/2011	
1,1,1-Trichloroethane	5.00		45.5	50.0	0	91.0	45.46	0.13	04/14/2011	
1,1,2,2-Tetrachloroethane	5.00		49.1	50.0	0	98.3	48.04	2.26	04/14/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.00		36.4	50.0	0	72.8	37.57	3.11	04/14/2011	



**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040587

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

**Report Date:** 20-Apr-11

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

Batch 67389		SampType: LCSD		Units µg/Kg				RPD Limit 40		Date Analyzed
SampID: LCSD-G110414-1		RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Analyses										
1,1,2-Trichloroethane	5.00			49.4	50.0	0	98.9	49.14	0.59	04/14/2011
1,1-Dichloro-2-propanone	50.0			119	125	0	95.2	119.8	0.68	04/14/2011
1,1-Dichloroethane	5.00			45.5	50.0	0	90.9	45.64	0.40	04/14/2011
1,1-Dichloroethene	5.00			34.4	50.0	0	68.8	35.12	2.04	04/14/2011
1,1-Dichloropropene	5.00			44.6	50.0	0	89.2	44.49	0.29	04/14/2011
1,2,3-Trichlorobenzene	5.00			45.3	50.0	0	90.6	47.48	4.66	04/14/2011
1,2,3-Trichloropropane	10.0			49.2	50.0	0	98.3	48.00	2.39	04/14/2011
1,2,3-Trimethylbenzene	5.00			49.9	50.0	0	99.8	49.39	0.99	04/14/2011
1,2,4-Trichlorobenzene	5.00			46.0	50.0	0	92.1	48.02	4.21	04/14/2011
1,2,4-Trimethylbenzene	5.00			48.8	50.0	0	97.6	48.38	0.86	04/14/2011
1,2-Dibromo-3-chloropropane	5.00			44.4	50.0	0	88.7	44.79	0.96	04/14/2011
1,2-Dibromoethane	5.00			51.3	50.0	0	102.7	50.94	0.78	04/14/2011
1,2-Dichlorobenzene	5.00			45.9	50.0	0	91.9	45.68	0.57	04/14/2011
1,2-Dichloroethane	5.00			49.9	50.0	0	99.8	50.18	0.58	04/14/2011
1,2-Dichloropropane	5.00			47.2	50.0	0	94.4	47.50	0.63	04/14/2011
1,3,5-Trimethylbenzene	5.00			48.6	50.0	0	97.2	48.12	1.01	04/14/2011
1,3-Dichlorobenzene	5.00			45.7	50.0	0	91.4	45.69	0.04	04/14/2011
1,3-Dichloropropane	5.00			52.5	50.0	0	105.0	52.30	0.34	04/14/2011
1,4-Dichlorobenzene	5.00			46.4	50.0	0	92.7	46.02	0.74	04/14/2011
1-Chlorobutane	5.00			49.8	50.0	0	99.5	49.71	0.08	04/14/2011
2,2-Dichloropropane	5.00			44.9	50.0	0	89.9	44.65	0.65	04/14/2011
2-Butanone	50.0			138	125	0	110.3	141.8	2.79	04/14/2011
2-Chlorotoluene	5.00			50.5	50.0	0	101.0	50.09	0.80	04/14/2011
2-Hexanone	50.0			131	125	0	104.4	137.5	5.20	04/14/2011
2-Nitropropane	50.0			559	500	0	111.7	563.7	0.91	04/14/2011
4-Chlorotoluene	5.00			49.7	50.0	0	99.4	49.63	0.10	04/14/2011
4-Methyl-2-pentanone	50.0			133	125	0	106.6	136.8	2.57	04/14/2011
Acetone	50.0			148	125	0	118.2	148.0	0.20	04/14/2011
Acetonitrile	100			498	500	0	99.6	518.6	4.10	04/14/2011
Acrylonitrile	10.0			44.8	50.0	0	89.7	44.94	0.20	04/14/2011
Allyl chloride	5.00			49.0	50.0	0	98.0	48.66	0.72	04/14/2011
Benzene	1.00			45.9	50.0	0	91.8	45.90	0.02	04/14/2011
Bromobenzene	5.00			47.1	50.0	0	94.1	45.79	2.76	04/14/2011
Bromochloromethane	5.00			49.8	50.0	0	99.6	49.91	0.22	04/14/2011
Bromodichloromethane	5.00			48.0	50.0	0	95.9	47.75	0.42	04/14/2011
Bromoform	5.00			51.9	50.0	0	103.7	51.02	1.63	04/14/2011
Bromomethane	10.0			25.9	50.0	0	51.7	26.66	3.01	04/14/2011
Carbon disulfide	5.00			31.8	50.0	0	63.6	32.83	3.25	04/14/2011
Carbon tetrachloride	5.00			45.4	50.0	0	90.8	44.87	1.20	04/14/2011
Chlorobenzene	5.00			50.7	50.0	0	101.4	50.95	0.45	04/14/2011
Chloroethane	10.0			31.1	50.0	0	62.3	32.21	3.38	04/14/2011
Chloroform	5.00			47.6	50.0	0	95.2	47.61	0.04	04/14/2011
Chloromethane	10.0			16.9	50.0	0	33.9	17.45	3.03	04/14/2011
cis-1,2-Dichloroethene	5.00			44.3	50.0	0	88.6	44.22	0.20	04/14/2011
cis-1,3-Dichloropropene	4.00			46.5	50.0	0	93.1	46.21	0.69	04/14/2011
Cyclohexanone	100			254	250	0	101.4	268.1	5.57	04/14/2011
Dibromochloromethane	5.00			48.3	50.0	0	96.5	47.99	0.56	04/14/2011

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040587

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

**Report Date:** 20-Apr-11

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

Batch 67389	SampType: LCSD	Units µg/Kg						RPD Limit 40		Date Analyzed
SampID: LCSD-G110414-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Dibromomethane	5.00		49.0	50.0	0	98.1	48.49	1.13	04/14/2011	
Dichlorodifluoromethane	10.0	J	5.9	50.0	0	11.7	6.080	0.00	04/14/2011	
Ethyl acetate	50.0	J	50	50.0	0	100	48.39	0.00	04/14/2011	
Ethyl ether	5.00		39.7	50.0	0	79.5	39.93	0.48	04/14/2011	
Ethyl methacrylate	5.00		51.4	50.0	0	102.8	51.74	0.70	04/14/2011	
Ethylbenzene	5.00		51.0	50.0	0	102.0	51.54	1.01	04/14/2011	
Heptane	20.0		48.9	50.0	0	97.8	48.97	0.14	04/14/2011	
Hexachlorobutadiene	5.00		39.8	50.0	0	79.5	41.73	4.81	04/14/2011	
Hexachloroethane	5.00		44.0	50.0	0	88.0	43.20	1.83	04/14/2011	
Iodomethane	10.0		44.9	50.0	0	89.8	44.36	1.17	04/14/2011	
Isopropylbenzene	5.00		51.3	50.0	0	102.5	51.94	1.30	04/14/2011	
m,p-Xylenes	5.00		102	100	0	102.0	103.6	1.57	04/14/2011	
Methacrylonitrile	50.0	J	50	50.0	0	99.1	50.33	0.00	04/14/2011	
Methyl Methacrylate	5.00		46.8	50.0	0	93.5	46.76	0.00	04/14/2011	
Methyl tert-butyl ether	2.00		45.1	50.0	0	90.1	44.86	0.44	04/14/2011	
Methylacrylate	10.0		48.9	50.0	0	97.9	49.60	1.34	04/14/2011	
Methylene chloride	5.00		42.2	50.0	0	84.4	42.81	1.39	04/14/2011	
Naphthalene	10.0		47.3	50.0	0	94.6	49.29	4.16	04/14/2011	
n-Butylbenzene	5.00		52.4	50.0	0	104.8	52.33	0.17	04/14/2011	
n-Hexane	20.0		37.6	50.0	0	75.2	38.59	2.60	04/14/2011	
Nitrobenzene	100		498	500	0	99.7	515.3	3.32	04/14/2011	
n-Propylbenzene	5.00		49.7	50.0	0	99.3	49.43	0.48	04/14/2011	
o-Xylene	5.00		51.2	50.0	0	102.5	52.13	1.74	04/14/2011	
Pentachloroethane	5.00		48.1	50.0	0	96.3	47.11	2.14	04/14/2011	
p-Isopropyltoluene	5.00		47.1	50.0	0	94.2	46.89	0.49	04/14/2011	
Propionitrile	50.0		482	500	0	96.4	498.0	3.27	04/14/2011	
sec-Butylbenzene	5.00		49.3	50.0	0	98.6	48.86	0.90	04/14/2011	
Styrene	5.00		51.4	50.0	0	102.7	52.13	1.49	04/14/2011	
tert-Butylbenzene	5.00		50.0	50.0	0	100	49.85	0.28	04/14/2011	
Tetrachloroethene	5.00		47.2	50.0	0	94.4	46.98	0.47	04/14/2011	
Tetrahydrofuran	50.0	J	45	50.0	0	90.4	46.62	0.00	04/14/2011	
Toluene	5.00		45.1	50.0	0	90.2	45.21	0.24	04/14/2011	
trans-1,2-Dichloroethene	5.00		43.1	50.0	0	86.1	43.46	0.90	04/14/2011	
trans-1,3-Dichloropropene	4.00		51.8	50.0	0	103.7	51.70	0.29	04/14/2011	
trans-1,4-Dichloro-2-butene	10.0		53.8	50.0	0	107.7	53.54	0.58	04/14/2011	
Trichloroethene	5.00		42.0	50.0	0	84.1	41.45	1.44	04/14/2011	
Trichlorofluoromethane	5.00		34.4	50.0	0	68.7	34.50	0.41	04/14/2011	
Vinyl acetate	50.0		50.4	50.0	0	100.9	50.51	0.16	04/14/2011	
Vinyl chloride	2.00		25.1	50.0	0	50.3	25.25	0.48	04/14/2011	
Xylenes, Total	5.00		153	150	0	102.1	155.7	1.62	04/14/2011	
Surr: 1,2-Dichloroethane-d4			53.9	50.0		107.9			04/14/2011	
Surr: 4-Bromofluorobenzene			52.1	50.0		104.2			04/14/2011	
Surr: Dibromofluoromethane			48.0	50.0		96.1			04/14/2011	
Surr: Toluene-d8			55.0	50.0		110.1			04/14/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040587

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

**Report Date:** 20-Apr-11

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

**Batch 67389**      **SampType: LCS**

Units **µg/Kg**

SampID: LCS-G110414-1

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
1,1,1,2-Tetrachloroethane	5.00		<b>48.7</b>	50.0	0	97.3	0	200	04/14/2011
1,1,1-Trichloroethane	5.00		<b>45.5</b>	50.0	0	90.9	85.8	124	04/14/2011
1,1,2,2-Tetrachloroethane	5.00		<b>48.0</b>	50.0	0	96.1	0	200	04/14/2011
1,1,2-Trichloro-1,2,2-trifluoroethane	5.00		<b>37.6</b>	50.0	0	75.1	0	200	04/14/2011
1,1,2-Trichloroethane	5.00		<b>49.1</b>	50.0	0	98.3	0	200	04/14/2011
1,1-Dichloro-2-propanone	50.0		<b>120</b>	125	0	95.8	0	200	04/14/2011
1,1-Dichloroethane	5.00		<b>45.6</b>	50.0	0	91.3	0	200	04/14/2011
1,1-Dichloroethene	5.00		<b>35.1</b>	50.0	0	70.2	60.1	131	04/14/2011
1,1-Dichloropropene	5.00		<b>44.5</b>	50.0	0	89.0	0	200	04/14/2011
1,2,3-Trichlorobenzene	5.00		<b>47.5</b>	50.0	0	95.0	0	200	04/14/2011
1,2,3-Trichloropropane	10.0		<b>48.0</b>	50.0	0	96.0	0	200	04/14/2011
1,2,3-Trimethylbenzene	5.00		<b>49.4</b>	50.0	0	98.8	0	200	04/14/2011
1,2,4-Trichlorobenzene	5.00		<b>48.0</b>	50.0	0	96.0	0	200	04/14/2011
1,2,4-Trimethylbenzene	5.00		<b>48.4</b>	50.0	0	96.8	0	200	04/14/2011
1,2-Dibromo-3-chloropropane	5.00		<b>44.8</b>	50.0	0	89.6	0	200	04/14/2011
1,2-Dibromoethane	5.00		<b>50.9</b>	50.0	0	101.9	86.9	119	04/14/2011
1,2-Dichlorobenzene	5.00		<b>45.7</b>	50.0	0	91.4	88	119	04/14/2011
1,2-Dichloroethane	5.00		<b>50.2</b>	50.0	0	100.4	73	117	04/14/2011
1,2-Dichloropropane	5.00		<b>47.5</b>	50.0	0	95.0	0	200	04/14/2011
1,3,5-Trimethylbenzene	5.00		<b>48.1</b>	50.0	0	96.2	0	200	04/14/2011
1,3-Dichlorobenzene	5.00		<b>45.7</b>	50.0	0	91.4	85.8	125	04/14/2011
1,3-Dichloropropane	5.00		<b>52.3</b>	50.0	0	104.6	0	200	04/14/2011
1,4-Dichlorobenzene	5.00		<b>46.0</b>	50.0	0	92.0	84.5	124	04/14/2011
1-Chlorobutane	5.00		<b>49.7</b>	50.0	0	99.4	0	200	04/14/2011
2,2-Dichloropropane	5.00		<b>44.6</b>	50.0	0	89.3	0	200	04/14/2011
2-Butanone	50.0		<b>142</b>	125	0	113.5	45.3	136	04/14/2011
2-Chlorotoluene	5.00		<b>50.1</b>	50.0	0	100.2	0	200	04/14/2011
2-Hexanone	50.0		<b>138</b>	125	0	110.0	0	200	04/14/2011
2-Nitropropane	50.0		<b>564</b>	500	0	112.7	0	200	04/14/2011
4-Chlorotoluene	5.00		<b>49.6</b>	50.0	0	99.3	0	200	04/14/2011
4-Methyl-2-pentanone	50.0		<b>137</b>	125	0	109.4	0	200	04/14/2011
Acetone	50.0		<b>148</b>	125	0	118.4	0	200	04/14/2011
Acetonitrile	100		<b>519</b>	500	0	103.7	0	200	04/14/2011
Acrylonitrile	10.0		<b>44.9</b>	50.0	0	89.9	0	200	04/14/2011
Allyl chloride	5.00		<b>48.7</b>	50.0	0	97.3	0	200	04/14/2011
Benzene	1.00		<b>45.9</b>	50.0	0	91.8	73.9	109	04/14/2011
Bromobenzene	5.00		<b>45.8</b>	50.0	0	91.6	0	200	04/14/2011
Bromochloromethane	5.00		<b>49.9</b>	50.0	0	99.8	0	200	04/14/2011
Bromodichloromethane	5.00		<b>47.8</b>	50.0	0	95.5	91.3	126	04/14/2011
Bromoform	5.00		<b>51.0</b>	50.0	0	102.0	0	200	04/14/2011
Bromomethane	10.0		<b>26.7</b>	50.0	0	53.3	0	200	04/14/2011
Carbon disulfide	5.00		<b>32.8</b>	50.0	0	65.7	0	200	04/14/2011
Carbon tetrachloride	5.00		<b>44.9</b>	50.0	0	89.7	83.3	127	04/14/2011
Chlorobenzene	5.00		<b>51.0</b>	50.0	0	101.9	85.8	116	04/14/2011
Chloroethane	10.0		<b>32.2</b>	50.0	0	64.4	0	200	04/14/2011
Chloroform	5.00		<b>47.6</b>	50.0	0	95.2	80	113	04/14/2011
Chloromethane	10.0		<b>17.4</b>	50.0	0	34.9	0	200	04/14/2011

Client: PSC Industrial Outsourcing, LP

Work Order: 11040587

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

Report Date: 20-Apr-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
Batch 67389 SampType: LCS Units µg/Kg SampID: LCS-G110414-1									
cis-1,2-Dichloroethene	5.00		44.2	50.0	0	88.4	0	200	04/14/2011
cis-1,3-Dichloropropene	4.00		46.2	50.0	0	92.4	0	200	04/14/2011
Cyclohexanone	100		268	250	0	107.3	0	200	04/14/2011
Dibromochloromethane	5.00		48.0	50.0	0	96.0	89.1	119	04/14/2011
Dibromomethane	5.00		48.5	50.0	0	97.0	0	200	04/14/2011
Dichlorodifluoromethane	10.0	J	6.1	50.0	0	12.2	0	200	04/14/2011
Ethyl acetate	50.0	J	48	50.0	0	96.8	0	200	04/14/2011
Ethyl ether	5.00		39.9	50.0	0	79.9	0	200	04/14/2011
Ethyl methacrylate	5.00		51.7	50.0	0	103.5	0	200	04/14/2011
Ethylbenzene	5.00		51.5	50.0	0	103.1	84.1	115	04/14/2011
Heptane	20.0		49.0	50.0	0	97.9	0	200	04/14/2011
Hexachlorobutadiene	5.00		41.7	50.0	0	83.5	0	200	04/14/2011
Hexachloroethane	5.00		43.2	50.0	0	86.4	0	200	04/14/2011
Iodomethane	10.0		44.4	50.0	0	88.7	0	200	04/14/2011
Isopropylbenzene	5.00		51.9	50.0	0	103.9	0	200	04/14/2011
m,p-Xylenes	5.00		104	100	0	103.6	79.1	111	04/14/2011
Methacrylonitrile	50.0		50.3	50.0	0	100.7	0	200	04/14/2011
Methyl Methacrylate	5.00		46.8	50.0	0	93.5	0	200	04/14/2011
Methyl tert-butyl ether	2.00		44.9	50.0	0	89.7	80	128	04/14/2011
Methylacrylate	10.0		49.6	50.0	0	99.2	0	200	04/14/2011
Methylene chloride	5.00		42.8	50.0	0	85.6	73.9	116	04/14/2011
Naphthalene	10.0		49.3	50.0	0	98.6	73.1	135	04/14/2011
n-Butylbenzene	5.00		52.3	50.0	0	104.7	0	200	04/14/2011
n-Hexane	20.0		38.6	50.0	0	77.2	0	200	04/14/2011
Nitrobenzene	100		515	500	0	103.1	0	200	04/14/2011
n-Propylbenzene	5.00		49.4	50.0	0	98.9	0	200	04/14/2011
o-Xylene	5.00		52.1	50.0	0	104.3	82	117	04/14/2011
Pentachloroethane	5.00		47.1	50.0	0	94.2	0	200	04/14/2011
p-Isopropyltoluene	5.00		46.9	50.0	0	93.8	0	200	04/14/2011
Propionitrile	50.0		498	500	0	99.6	0	200	04/14/2011
sec-Butylbenzene	5.00		48.9	50.0	0	97.7	0	200	04/14/2011
Styrene	5.00		52.1	50.0	0	104.3	0	200	04/14/2011
tert-Butylbenzene	5.00		49.8	50.0	0	99.7	0	200	04/14/2011
Tetrachloroethene	5.00		47.0	50.0	0	94.0	74.6	115	04/14/2011
Tetrahydrofuran	50.0	J	47	50.0	0	93.2	0	200	04/14/2011
Toluene	5.00		45.2	50.0	0	90.4	79.1	112	04/14/2011
trans-1,2-Dichloroethene	5.00		43.5	50.0	0	86.9	0	200	04/14/2011
trans-1,3-Dichloropropene	4.00		51.7	50.0	0	103.4	0	200	04/14/2011
trans-1,4-Dichloro-2-butene	10.0		53.5	50.0	0	107.1	0	200	04/14/2011
Trichloroethene	5.00		41.4	50.0	0	82.9	81	111	04/14/2011
Trichlorofluoromethane	5.00		34.5	50.0	0	69.0	0	200	04/14/2011
Vinyl acetate	50.0		50.5	50.0	0	101.0	0	200	04/14/2011
Vinyl chloride	2.00		25.2	50.0	0	50.5	0	200	04/14/2011
Xylenes, Total	5.00		156	150	0	103.8	79.1	117	04/14/2011
Surr: 1,2-Dichloroethane-d4			54.1	50.0		108.3	72.2	131	04/14/2011
Surr: 4-Bromofluorobenzene			52.5	50.0		105.0	82.1	116	04/14/2011
Surr: Dibromofluoromethane			48.5	50.0		97.0	77.7	120	04/14/2011

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040587

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

**Report Date:** 20-Apr-11

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

Batch 67389		SampType: LCS		Units µg/Kg						Date Analyzed
SampID: LCS-G110414-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Surr: Toluene-d8			55.0	50.0		110.0	86	116	04/14/2011	

Batch 67389		SampType: LCSGD		Units µg/Kg		RPD Limit 20				Date Analyzed
SampID: LCSGD-G110414-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Gasoline Range Organics (OA-1)	1000		2210	2000	0	110.7	2235	0.90	04/14/2011	
Surr: 1,2-Dichloroethane-d4			53.4	50.0		106.9			04/14/2011	
Surr: 4-Bromofluorobenzene			51.2	50.0		102.5			04/14/2011	
Surr: Dibromofluoromethane			46.0	50.0		91.9			04/14/2011	
Surr: Toluene-d8			54.8	50.0		109.7			04/14/2011	

Batch 67389		SampType: LCSG		Units µg/Kg						Date Analyzed
SampID: LCSG-G110414-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Gasoline Range Organics (OA-1)	1000		2230	2000	0	111.7	70	130	04/14/2011	
Surr: 1,2-Dichloroethane-d4			53.8	50.0		107.5	61	128	04/14/2011	
Surr: 4-Bromofluorobenzene			51.4	50.0		102.8	78.2	117	04/14/2011	
Surr: Dibromofluoromethane			46.6	50.0		93.1	66.6	130	04/14/2011	
Surr: Toluene-d8			55.3	50.0		110.6	80.1	122	04/14/2011	



# Receiving Check List

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11040587

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

Report Date: 20-Apr-11

Carrier: Kelly Klostermann

Received By: JM

Completed by: *Marvin L. Darling II*  
On: 14-Apr-11  
Marvin L. Darling

Reviewed by: *Elizabeth A. Hurley*  
On: 14-Apr-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 checked="" type="checkbox"/>	NA <input 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 checked="" type="checkbox"/>	No <input type="checkbox"/>	No VOA vials <input 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.

Per Leslie Hooser, change sample ID P8G3.4-F 20ft to P8E3.4-F 20ft. 4/14/11 HAW



# Chain of Custody Record

210 West Sand Bank Road  
P.O. Box 230  
Columbia, IL 62236-0230

COC Serial No. **B** 10005

11040587

Project Name: Champaign M&P Project Mgr.: Pete Szazama

Project Number: 624-0908-0130 Cost Code: 0008

Sampler(s): J. Purdy / J. Branton

Laboratory Name: TekLab

Location: Collinsville, IL

Sample Number and (depth)

Date

Time

Total Number of Containers

Analyses by Method Name and Number

Sample Number and (depth)	Date	Time	Matrix			Total Number of Containers
			Soil	Water	Air	
P8-G3.4-F(20')	4/13/11	0840	X			6
6773-treated-4/13/11	4/13/11	1350	X			7

Method Name and Number	PH	BOD's	TSS	BTEX 8260	TPH (oil & grease)	Total Ammonia Cyanide	Trace Metals	SVCS 8270 SIMS	SVCS 8270	VCS 8260
		X	X	X	X	X	X	X	X	X

Laboratory Temperature upon Receipt  
24.8

Notes: Specs: 11-11-11  
PH: 4-13-11  
Headspace - 4/13/11  
11040587-cc1  
-cc2

Lab ID #s  
11040587-cc1  
-cc2

## 1 DAY

Samples Iced:  Yes  No

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

Lab Directives:  
 5 Days  STD  Other

Requested TAT:  Rush  
Fax and/or Mail Results to: P. Szazama & L. Hoosier  
Send Invoice to: \_\_\_\_\_  
QC Deliverable Requested:  Full QC & Limits  CLP-LIKE  EDD  Other  
Special Guidelines: \_\_\_\_\_  
Reporting Limits: \_\_\_\_\_  
\* Special: \_\_\_\_\_

Shipping:

Carrier / Airbill No.	Signature	Date	Time
	<u>Kelly Kosterman</u>	<u>4/13/11</u>	<u>1355</u>
	<u>Kelly Kosterman</u>	<u>4/14/11</u>	<u>0820</u>

Relinquished by:

Signature	Date	Time
<u>Kelly Kosterman</u>	<u>4/13/11</u>	<u>1355</u>
<u>Kelly Kosterman</u>	<u>4/14/11</u>	<u>0820</u>

Received by:

Signature	Date	Time
<u>Kelly Kosterman</u>	<u>4/13/11</u>	<u>1355</u>
<u>Kelly Kosterman</u>	<u>4/14/11</u>	<u>0820</u>

April 18, 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:** 11040587

Dear Pete Sazama:

TEKLAB, INC received 2 samples on 4/14/2011 8:20:00 AM 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,

---

## PRELIMINARY REPORT

A preliminary report contains data that is incomplete or data that has not been fully validated. Caution should be exercised in the use of any data presented, as final reported results may not reflect the values presented.





# Case Narrative

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040587

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

**Report Date:** 18-Apr-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](mailto:jhriley@teklabinc.com)

### Springfield

Address 3920 Pintail Dr  
Springfield, IL 62711-9415

Phone (217) 698-1004

Fax (217) 698-1005

Email [kmclain@teklabinc.com](mailto:kmclain@teklabinc.com)

### Kansas City

Address 8421 Nieman Road  
Lenexa, KS 66214

Phone (913) 541-1998

Fax (913) 541-1998

Email [dthompson@teklabinc.com](mailto: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	6/30/2011	Collinsville
Louisiana	LDEQ	166578	NELAP	6/30/2011	Springfield
Arkansas	ADEQ	88-0966		3/14/2012	Collinsville
Illinois	IDPH	17584		5/31/2011	Collinsville
Kentucky	UST	0073		5/26/2012	Collinsville
Missouri	MDNR	00930		5/31/2011	Collinsville
Oklahoma	ODEQ	9978		8/31/2011	Collinsville

# PRELIMINARY REPORT

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Client: PSC Industrial Outsourcing, LP

Work Order: 11040587

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

Report Date: 18-Apr-11

Lab ID: 11040587-001

Client Sample ID: P8-E3.4-F (20 ft)

Matrix: SOLID

Collection Date: 04/13/2011 8:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		10.2	%	1	04/14/2011 16:05	R148171
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		89.8	%	1	04/14/2011 16:05	R148153
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.646		Interference	mg/Kg-dry	1	04/13/2011 10:40	R148078
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.56	J	0.28	mg/Kg-dry	1	04/13/2011 10:40	R148078
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.40		7.28	mg/Kg-dry	1	04/15/2011 11:25	67372
Barium	NELAP	0.48		17.3	mg/Kg-dry	1	04/15/2011 11:25	67372
Cadmium	NELAP	0.19		0.25	mg/Kg-dry	1	04/15/2011 11:25	67372
Chromium	NELAP	0.96		15.0	mg/Kg-dry	1	04/15/2011 11:25	67372
Lead	NELAP	3.85		9.48	mg/Kg-dry	1	04/15/2011 11:25	67372
Silver	NELAP	0.53		< 0.53	mg/Kg-dry	1	04/15/2011 11:25	67372
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium 7740	NELAP	0.600		< 0.600	mg/Kg-dry	1	04/14/2011 18:43	67371
<b>SW-846 7471A</b>								
Mercury	NELAP	0.011	J	0.008	mg/Kg-dry	1	04/15/2011 11:17	67376
<b>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</b>								
Diesel	NELAP	5.57		ND	mg/Kg-dry	1	04/14/2011 15:10	67365
Kerosene	NELAP	5.57		ND	mg/Kg-dry	1	04/14/2011 15:10	67365
Mineral Spirits	NELAP	5.57		ND	mg/Kg-dry	1	04/14/2011 15:10	67365
Motor Oil	NELAP	5.57		ND	mg/Kg-dry	1	04/14/2011 15:10	67365
Surr: n-Tetracontane		50.6-140		86.5	%REC	1	04/14/2011 15:10	67365
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		ND	mg/Kg-dry	1	04/14/2011 23:10	67364
Acenaphthylene	NELAP	0.004		ND	mg/Kg-dry	1	04/14/2011 23:10	67364
Anthracene	NELAP	0.004		ND	mg/Kg-dry	1	04/14/2011 23:10	67364
Benzo(a)anthracene	NELAP	0.004	J	0.003	mg/Kg-dry	1	04/14/2011 23:10	67364
Benzo(a)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	04/14/2011 23:10	67364
Benzo(b)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	04/14/2011 23:10	67364
Benzo(g,h,i)perylene	NELAP	0.004		ND	mg/Kg-dry	1	04/14/2011 23:10	67364
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	04/14/2011 23:10	67364
Bis(2-ethylhexyl)phthalate	NELAP	0.074		ND	mg/Kg-dry	1	04/14/2011 23:10	67364
Chrysene	NELAP	0.004		ND	mg/Kg-dry	1	04/14/2011 23:10	67364
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	04/14/2011 23:10	67364
Fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	04/14/2011 23:10	67364
Fluorene	NELAP	0.004		ND	mg/Kg-dry	1	04/14/2011 23:10	67364
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	04/14/2011 23:10	67364
Naphthalene	NELAP	0.004		0.019	mg/Kg-dry	1	04/14/2011 23:10	67364
Phenanthrene	NELAP	0.004		0.006	mg/Kg-dry	1	04/14/2011 23:10	67364
Pyrene	NELAP	0.004		ND	mg/Kg-dry	1	04/14/2011 23:10	67364

## PRELIMINARY REPORT

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Client: PSC Industrial Outsourcing, LP

Work Order: 11040587

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

Report Date: 18-Apr-11

Lab ID: 11040587-001

Client Sample ID: P8-E3.4-F (20 ft)

Matrix: SOLID

Collection Date: 04/13/2011 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>								
Surr: 2-Fluorobiphenyl		10-131		62.2	%REC	1	04/14/2011 23:10	67364
Surr: Nitrobenzene-d5		10-132		74.7	%REC	1	04/14/2011 23:10	67364
Surr: p-Terphenyl-d14		30.6-131		69.9	%REC	1	04/14/2011 23:10	67364
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	0.553		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
1,2-Dichlorobenzene	NELAP	0.553		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
1,3-Dichlorobenzene	NELAP	0.553		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
1,4-Dichlorobenzene	NELAP	0.553		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
2,4,5-Trichlorophenol	NELAP	0.387		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
2,4,6-Trichlorophenol	NELAP	0.387		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
2,4-Dichlorophenol	NELAP	0.553		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
2,4-Dimethylphenol	NELAP	0.553		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
2,4-Dinitrophenol	NELAP	1.11		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
2,4-Dinitrotoluene	NELAP	0.387		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
2,6-Dinitrotoluene	NELAP	0.387		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
2-Chloronaphthalene	NELAP	0.387		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
2-Chlorophenol	NELAP	0.553		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
2-Methoxy-4-methylphenol		0.719		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
2-Methylnaphthalene	NELAP	0.387		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
2-Nitroaniline	NELAP	1.11		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
2-Nitrophenol	NELAP	0.387		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
3,3'-Dichlorobenzidine	NELAP	0.387		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
3-Nitroaniline	NELAP	1.11		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
4,6-Dinitro-2-methylphenol	NELAP	1.11		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
4-Bromophenyl phenyl ether	NELAP	0.387		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
4-Chloro-3-methylphenol	NELAP	0.553		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
4-Chloroaniline	NELAP	0.553		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
4-Chlorophenyl phenyl ether	NELAP	0.387		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
4-Nitroaniline	NELAP	0.553		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
4-Nitrophenol	NELAP	0.387		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
Aniline	NELAP	0.553		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
Azobenzene		0.387		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
Benzidine	NELAP	1.17		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
Benzoic acid	NELAP	1.66		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
Benzyl alcohol	NELAP	0.553		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
Bis(2-chloroethoxy)methane	NELAP	0.387		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
Bis(2-chloroethyl)ether	NELAP	0.553		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
Bis(2-chloroisopropyl)ether	NELAP	0.387		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
Butyl benzyl phthalate	NELAP	0.387		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
Carbazole		0.553		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
Dibenzofuran	NELAP	0.387		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
Diethyl phthalate	NELAP	0.553		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
Dimethyl phthalate	NELAP	0.387		ND	mg/Kg-dry	1	04/14/2011 14:06	67335

## PRELIMINARY REPORT

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Client: PSC Industrial Outsourcing, LP

Work Order: 11040587

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

Report Date: 18-Apr-11

Lab ID: 11040587-001

Client Sample ID: P8-E3.4-F (20 ft)

Matrix: SOLID

Collection Date: 04/13/2011 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>								
Di-n-butyl phthalate	NELAP	0.387		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
Di-n-octyl phthalate	NELAP	0.387		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
Hexachlorobenzene	NELAP	0.387		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
Hexachlorobutadiene	NELAP	0.553		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
Hexachlorocyclopentadiene	NELAP	0.387		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
Hexachloroethane	NELAP	0.553		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
Isophorone	NELAP	0.387		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
m,p-Cresol	NELAP	0.553		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
Nitrobenzene	NELAP	0.553		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
N-Nitrosodimethylamine	NELAP	0.553		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
N-Nitroso-di-n-propylamine	NELAP	0.553		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
N-Nitrosodiphenylamine	NELAP	0.553		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
o-Cresol	NELAP	0.553		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
Pentachlorophenol	NELAP	2.21		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
Phenol	NELAP	0.387		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
Pyridine	NELAP	0.553		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
1,2-Diphenylhydrazine		0.929		ND	mg/Kg-dry	1	04/14/2011 14:06	67335
Surr: 2,4,6-Tribromophenol		32.7-130		89.6	%REC	1	04/14/2011 14:06	67335
Surr: 2-Fluorobiphenyl		34.1-116		90.1	%REC	1	04/14/2011 14:06	67335
Surr: 2-Fluorophenol		30.5-99		66.1	%REC	1	04/14/2011 14:06	67335
Surr: Nitrobenzene-d5		34.1-101		70.5	%REC	1	04/14/2011 14:06	67335
Surr: Phenol-d5		34.9-110		71.1	%REC	1	04/14/2011 14:06	67335
Surr: p-Terphenyl-d14		41.7-124		92.3	%REC	1	04/14/2011 14:06	67335
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,1,1,2-Tetrachloroethane	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
1,1,1-Trichloroethane	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
1,1,2,2-Tetrachloroethane	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
1,1,2-Trichloro-1,2,2-trifluoroethane		109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
1,1,2-Trichloroethane	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
1,1-Dichloro-2-propanone		1090		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
1,1-Dichloroethane	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
1,1-Dichloroethene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
1,1-Dichloropropene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
1,2,3-Trichlorobenzene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
1,2,3-Trichloropropane	NELAP	218		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
1,2,3-Trimethylbenzene		109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
1,2,4-Trichlorobenzene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
1,2,4-Trimethylbenzene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
1,2-Dibromo-3-chloropropane	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
1,2-Dibromoethane	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
1,2-Dichlorobenzene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
1,2-Dichloroethane	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
1,2-Dichloropropane	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389

## PRELIMINARY REPORT

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Client: PSC Industrial Outsourcing, LP

Work Order: 11040587

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

Report Date: 18-Apr-11

Lab ID: 11040587-001

Client Sample ID: P8-E3.4-F (20 ft)

Matrix: SOLID

Collection Date: 04/13/2011 8:40

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	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
1,3-Dichlorobenzene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
1,3-Dichloropropane	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
1,4-Dichlorobenzene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
1-Chlorobutane	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
2,2-Dichloropropane	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
2-Butanone	NELAP	1090		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
2-Chlorotoluene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
2-Hexanone	NELAP	1090		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
2-Nitropropane	NELAP	1090		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
4-Chlorotoluene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
4-Methyl-2-pentanone	NELAP	1090		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Acetone	NELAP	1090		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Acetonitrile	NELAP	2180		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Acrolein	NELAP	2180		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Acrylonitrile	NELAP	218		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Allyl chloride	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Benzene	NELAP	21.8		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Bromobenzene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Bromochloromethane	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Bromodichloromethane	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Bromoform	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Bromomethane	NELAP	218		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Carbon disulfide	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Carbon tetrachloride	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Chlorobenzene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Chloroethane	NELAP	218		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Chloroform	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Chloromethane	NELAP	218		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
cis-1,2-Dichloroethene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
cis-1,3-Dichloropropene	NELAP	87.1		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Cyclohexanone		2180		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Dibromochloromethane	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Dibromomethane	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Dichlorodifluoromethane	NELAP	218		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Ethyl acetate	NELAP	1090		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Ethyl ether	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Ethyl methacrylate	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Ethylbenzene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Gasoline Range Organics (OA-1)		21800		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Heptane		436		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Hexachlorobutadiene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Hexachloroethane	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389

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Client: PSC Industrial Outsourcing, LP

Work Order: 11040587

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

Report Date: 18-Apr-11

Lab ID: 11040587-001

Client Sample ID: P8-E3.4-F (20 ft)

Matrix: SOLID

Collection Date: 04/13/2011 8:40

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Iodomethane	NELAP	218		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Isopropylbenzene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
m,p-Xylenes	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Methacrylonitrile	NELAP	1090		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Methyl Methacrylate	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Methyl tert-butyl ether	NELAP	43.6		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Methylacrylate		218		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Methylene chloride	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Naphthalene	NELAP	218		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
n-Butylbenzene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
n-Hexane		436		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Nitrobenzene	NELAP	2180		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
n-Propylbenzene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
o-Xylene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Pentachloroethane	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
p-Isopropyltoluene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Propionitrile	NELAP	1090		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
sec-Butylbenzene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Styrene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
tert-Butylbenzene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Tetrachloroethene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Tetrahydrofuran	NELAP	1090		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Toluene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
trans-1,2-Dichloroethene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
trans-1,3-Dichloropropene	NELAP	87.1		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
trans-1,4-Dichloro-2-butene	NELAP	218		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Trichloroethene	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Trichlorofluoromethane	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Vinyl acetate	NELAP	1090		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Vinyl chloride	NELAP	43.6		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Xylenes, Total	NELAP	109		ND	µg/Kg-dry	12.5	04/14/2011 18:03	67389
Surr: 1,2-Dichloroethane-d4		72.2-131		100	%REC	12.5	04/14/2011 18:03	67389
Surr: 4-Bromofluorobenzene		82.1-116		95.4	%REC	12.5	04/14/2011 18:03	67389
Surr: Dibromofluoromethane		77.7-120		91.2	%REC	12.5	04/14/2011 18:03	67389
Surr: Toluene-d8		86-116		110.9	%REC	12.5	04/14/2011 18:03	67389

*Elevated reporting limit due to matrix interference.*

## PRELIMINARY REPORT

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Client: PSC Industrial Outsourcing, LP

Work Order: 11040587

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

Report Date: 18-Apr-11

Lab ID: 11040587-002

Client Sample ID: 6773-treated-4/13/11

Matrix: AQUEOUS

Collection Date: 04/13/2011 13:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>STANDARD METHOD 18TH ED. 4500-H B, LABORATORY ANALYZED</b>								
Lab pH	NELAP	1.00		<b>8.74</b>		1	04/14/2011 16:24	R148156
<b>STANDARD METHODS 18TH ED. 2540 D</b>								
Total Suspended Solids	NELAP	6		<b>17</b>	mg/L	1	04/14/2011 9:00	R148126
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.078		<b>Interference</b>	mg/L	10	04/15/2011 9:01	R148190
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.078		<b>0.318</b>	mg/L	10	04/15/2011 9:01	R148190
<b>SW-846 3005A, 6010B, METALS BY ICP (TOTAL)</b>								
Arsenic	NELAP	0.0250		<b>&lt; 0.0250</b>	mg/L	1	04/14/2011 14:41	67359
Barium	NELAP	0.0050		<b>0.414</b>	mg/L	1	04/14/2011 14:41	67359
Cadmium	NELAP	0.0020		<b>&lt; 0.0020</b>	mg/L	1	04/14/2011 14:41	67359
Chromium	NELAP	0.0100		<b>0.0105</b>	mg/L	1	04/14/2011 14:41	67359
Selenium	NELAP	0.0500		<b>&lt; 0.0500</b>	mg/L	1	04/14/2011 14:41	67359
Silver	NELAP	0.0100		<b>&lt; 0.0100</b>	mg/L	1	04/18/2011 11:38	67430
<b>SW-846 3020A, METALS BY GFAA (TOTAL)</b>								
Lead 7421	NELAP	0.0020		<b>&lt; 0.0020</b>	mg/L	1	04/15/2011 9:01	67358
<b>SW-846 7470A (TOTAL)</b>								
Mercury	NELAP	0.00020		<b>&lt; 0.00020</b>	mg/L	1	04/15/2011 11:17	67403
<b>SW-846 3510C, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.00010		<b>0.00026</b>	mg/L	1	04/14/2011 22:33	67363
Acenaphthylene	NELAP	0.00010		<b>0.00033</b>	mg/L	1	04/14/2011 22:33	67363
Anthracene	NELAP	0.00010		<b>ND</b>	mg/L	1	04/14/2011 22:33	67363
Benzo(a)anthracene	NELAP	0.00010		<b>ND</b>	mg/L	1	04/14/2011 22:33	67363
Benzo(a)pyrene	NELAP	0.00010		<b>ND</b>	mg/L	1	04/14/2011 22:33	67363
Benzo(b)fluoranthene	NELAP	0.00010		<b>ND</b>	mg/L	1	04/14/2011 22:33	67363
Benzo(g,h,i)perylene	NELAP	0.00010		<b>ND</b>	mg/L	1	04/14/2011 22:33	67363
Benzo(k)fluoranthene	NELAP	0.00010		<b>ND</b>	mg/L	1	04/14/2011 22:33	67363
Chrysene	NELAP	0.00010		<b>ND</b>	mg/L	1	04/14/2011 22:33	67363
Dibenzo(a,h)anthracene	NELAP	0.00010		<b>ND</b>	mg/L	1	04/14/2011 22:33	67363
Fluoranthene	NELAP	0.00010		<b>ND</b>	mg/L	1	04/14/2011 22:33	67363
Fluorene	NELAP	0.00010		<b>0.00014</b>	mg/L	1	04/14/2011 22:33	67363
Indeno(1,2,3-cd)pyrene	NELAP	0.00010		<b>ND</b>	mg/L	1	04/14/2011 22:33	67363
Naphthalene	NELAP	0.00010		<b>0.0149</b>	mg/L	1	04/14/2011 22:33	67363
Phenanthrene	NELAP	0.00010		<b>0.00022</b>	mg/L	1	04/14/2011 22:33	67363
Pyrene	NELAP	0.00010		<b>ND</b>	mg/L	1	04/14/2011 22:33	67363
Total PNAs except Naphthalene		0.00013		<b>0.00095</b>	mg/L	1	04/14/2011 22:33	67363
Surr: 2-Fluorobiphenyl		34.3-105		<b>63.6</b>	%REC	1	04/14/2011 22:33	67363
Surr: 2-Fluorophenol		19.9-55.7		<b>36.8</b>	%REC	1	04/14/2011 22:33	67363
Surr: Nitrobenzene-d5		43-106		<b>83.0</b>	%REC	1	04/14/2011 22:33	67363
Surr: Phenol-d5		8.95-38.5		<b>24.2</b>	%REC	1	04/14/2011 22:33	67363
Surr: p-Terphenyl-d14		6.05-133		<b>43.2</b>	%REC	1	04/14/2011 22:33	67363

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## Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11040587

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

Report Date: 18-Apr-11

Lab ID: 11040587-002

Client Sample ID: 6773-treated-4/13/11

Matrix: AQUEOUS

Collection Date: 04/13/2011 13:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Benzene	NELAP	2.0		<b>36.0</b>	µg/L	1	04/15/2011 22:24	67463
Ethylbenzene	NELAP	5.0	J	<b>2.3</b>	µg/L	1	04/15/2011 22:24	67463
Toluene	NELAP	5.0		<b>15.2</b>	µg/L	1	04/15/2011 22:24	67463
Xylenes, Total	NELAP	5.0		<b>7.8</b>	µg/L	1	04/15/2011 22:24	67463
Surr: 1,2-Dichloroethane-d4		74.7-129		<b>98.6</b>	%REC	1	04/15/2011 22:24	67463
Surr: 4-Bromofluorobenzene		86-119		<b>104.4</b>	%REC	1	04/15/2011 22:24	67463
Surr: Dibromofluoromethane		81.7-123		<b>103.8</b>	%REC	1	04/15/2011 22:24	67463
Surr: Toluene-d8		84.3-114		<b>99.2</b>	%REC	1	04/15/2011 22:24	67463

## PRELIMINARY REPORT

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# Chain of Custody Record

210 West Sand Bank Road  
P.O. Box 230  
Columbia, IL 62236-0230

COC Serial No. **B** 10005

11040587

Project Name: Champaign M&P Project Mgr.: Pete Sazama  
 Project Number: 624-0908-0130 Cost Code: 0008  
 Sampler(s): J. Purdy / J. Blanton  
 Laboratory Name: TekLab  
 Location: Collinsville, IL  
 Sample Number and (depth) Date Time  
P8-G3.4-F(20') 4/13/11 0840  
6773-treated-4/13/11 1350

Analyses by Method Name and Number	Total Number of Containers		Matrix			
	Soil	Water	Air	Wipes	Other *	
VOCs 8260	X	X				6
SVOCs 8270	X	X				7
SVOCs 8270 SIMS	X	X				
PCMH METALS	X	X				
Total Ammonia Cyanide	X	X				
TPH (API & OPB)	X	X				
BTEX 8260	X	X				
TSS	X	X				
BODs	X	X				
PH	X	X				

Laboratory Temperature upon Receipt  
24°C  
 Date: 4-13-11  
 Time: 11:11

Comments (Field PID)  
headsprce - 8ht 4/13/11  
 Lab ID #'s  
11040587-01  
-02

# 1 DAY

**Samples Iced:**  Yes  No

**Preservatives (ONLY for Water Samples)**

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

**Relinquished by:** Signature: [Signature] Date: 4/13/11 Time: 1355

**Relinquished by:** Signature: [Signature] Date: 4/14/11 Time: 0820

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

**Lab Directives:**

Requested TAT:  Rush  5 Days  STD  Other \_\_\_\_\_

Fax and/or Mail Results to: P. Sazama & L. Hoosier

Send Invoice to: \_\_\_\_\_

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

Special Guidelines: \_\_\_\_\_

Reporting Limits: \_\_\_\_\_

\* Special: \_\_\_\_\_

**Received by:** Signature: [Signature] Date: 4/13/11 Time: 1355

**Received by:** Signature: [Signature] Date: 4/14/11 Time: 8:20

April 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:** 11040728

Dear Pete Sazama:

TEKLAB, INC received 2 samples on 4/15/2011 5:05:00 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/>

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**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040728

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

**Report Date:** 19-Apr-11

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**Client:** PSC Industrial Outsourcing, LP

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### 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:** 11040728

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

**Report Date:** 19-Apr-11

**Cooler Receipt Temp:** 1.8 °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

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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	6/30/2011	Collinsville
Louisiana	LDEQ	166578	NELAP	6/30/2011	Springfield
Arkansas	ADEQ	88-0966		3/14/2012	Collinsville
Illinois	IDPH	17584		5/31/2011	Collinsville
Kentucky	UST	0073		5/26/2012	Collinsville
Missouri	MDNR	00930		5/31/2011	Collinsville
Oklahoma	ODEQ	9978		8/31/2011	Collinsville

Client: PSC Industrial Outsourcing, LP

Work Order: 11040728

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

Report Date: 19-Apr-11

Lab ID: 11040728-001

Client Sample ID: P8-E3.4-F (22 ft)

Matrix: SOLID

Collection Date: 04/15/2011 13:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		10.2	%	1	04/15/2011 17:30	R148260
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		89.8	%	1	04/15/2011 17:30	R148227
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.557		< 0.557	mg/Kg-dry	1	04/18/2011 1:59	R148327
<i>The LCS was outside of control limits. LCS recovered at 122.21%. The acceptable range is 85-115% recovery. Data is under reporting limit and reportable.</i>								
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.56	J	0.37	mg/Kg-dry	1	04/18/2011 1:59	R148327
<i>The LCS was outside of control limits. LCS recovered at 122.21%. The acceptable range is 85-115% recovery. Data is under reporting limit and reportable.</i>								
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.31		6.24	mg/Kg-dry	1	04/18/2011 11:06	67424
Barium	NELAP	0.46		18.6	mg/Kg-dry	1	04/18/2011 11:06	67424
Cadmium	NELAP	0.19		0.23	mg/Kg-dry	1	04/18/2011 11:06	67424
Chromium	NELAP	0.93		17.1	mg/Kg-dry	1	04/18/2011 11:06	67424
Lead	NELAP	3.70		10.4	mg/Kg-dry	1	04/18/2011 11:06	67424
Silver	NELAP	0.51		< 0.51	mg/Kg-dry	1	04/18/2011 11:06	67424
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium	7740	NELAP		0.545	mg/Kg-dry	1	04/16/2011 13:54	67444
<b>SW-846 7471A</b>								
Mercury	NELAP	0.011	J	0.007	mg/Kg-dry	1	04/18/2011 12:00	67471
<b>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</b>								
Diesel	NELAP	5.53	#	7.25	mg/Kg-dry	1	04/16/2011 16:48	67437
Kerosene	NELAP	5.53		ND	mg/Kg-dry	1	04/16/2011 16:48	67437
Mineral Spirits	NELAP	5.53		ND	mg/Kg-dry	1	04/16/2011 16:48	67437
Motor Oil	NELAP	5.53		ND	mg/Kg-dry	1	04/16/2011 16:48	67437
Surr: n-Tetracontane		50.6-140		85.3	%REC	1	04/16/2011 16:48	67437
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		0.008	mg/Kg-dry	1	04/16/2011 11:08	67442
Acenaphthylene	NELAP	0.004		0.004	mg/Kg-dry	1	04/16/2011 11:08	67442
Anthracene	NELAP	0.004		0.006	mg/Kg-dry	1	04/16/2011 11:08	67442
Benzo(a)anthracene	NELAP	0.004		0.008	mg/Kg-dry	1	04/16/2011 11:08	67442
Benzo(a)pyrene	NELAP	0.004		0.004	mg/Kg-dry	1	04/16/2011 11:08	67442
Benzo(b)fluoranthene	NELAP	0.004		0.004	mg/Kg-dry	1	04/16/2011 11:08	67442
Benzo(g,h,i)perylene	NELAP	0.004		0.004	mg/Kg-dry	1	04/16/2011 11:08	67442
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	04/16/2011 11:08	67442
Bis(2-ethylhexyl)phthalate	NELAP	0.073		ND	mg/Kg-dry	1	04/16/2011 11:08	67442
Chrysene	NELAP	0.004		0.005	mg/Kg-dry	1	04/16/2011 11:08	67442
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	04/16/2011 11:08	67442
Fluoranthene	NELAP	0.004		0.008	mg/Kg-dry	1	04/16/2011 11:08	67442
Fluorene	NELAP	0.004		0.006	mg/Kg-dry	1	04/16/2011 11:08	67442
Indeno(1,2,3-cd)pyrene	NELAP	0.004		ND	mg/Kg-dry	1	04/16/2011 11:08	67442
Naphthalene	NELAP	0.004		0.085	mg/Kg-dry	1	04/16/2011 11:08	67442
Phenanthrene	NELAP	0.004		0.025	mg/Kg-dry	1	04/16/2011 11:08	67442
Pyrene	NELAP	0.004		0.014	mg/Kg-dry	1	04/16/2011 11:08	67442
Surr: 2-Fluorobiphenyl		10-131		70.5	%REC	1	04/16/2011 11:08	67442

**Client:** PSC Industrial Outsourcing, LP

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**Report Date:** 19-Apr-11

**Lab ID:** 11040728-001

**Client Sample ID:** P8-E3.4-F (22 ft)

**Matrix:** SOLID

**Collection Date:** 04/15/2011 13:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Surr: Nitrobenzene-d5		10-132		63.7	%REC	1	04/16/2011 11:08	67442
Surr: p-Terphenyl-d14		30.6-131		77.5	%REC	1	04/16/2011 11:08	67442

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	0.548		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
1,2-Dichlorobenzene	NELAP	0.548		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
1,3-Dichlorobenzene	NELAP	0.548		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
1,4-Dichlorobenzene	NELAP	0.548		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
2,4,5-Trichlorophenol	NELAP	0.384		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
2,4,6-Trichlorophenol	NELAP	0.384		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
2,4-Dichlorophenol	NELAP	0.548		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
2,4-Dimethylphenol	NELAP	0.548		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
2,4-Dinitrophenol	NELAP	1.10		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
2,4-Dinitrotoluene	NELAP	0.384		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
2,6-Dinitrotoluene	NELAP	0.384		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
2-Chloronaphthalene	NELAP	0.384		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
2-Chlorophenol	NELAP	0.548		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
2-Methoxy-4-methylphenol		0.713		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
2-Methylnaphthalene	NELAP	0.384		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
2-Nitroaniline	NELAP	1.10		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
2-Nitrophenol	NELAP	0.384		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
3,3'-Dichlorobenzidine	NELAP	0.384		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
3-Nitroaniline	NELAP	1.10		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
4,6-Dinitro-2-methylphenol	NELAP	1.10		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
4-Bromophenyl phenyl ether	NELAP	0.384		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
4-Chloro-3-methylphenol	NELAP	0.548		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
4-Chloroaniline	NELAP	0.548		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
4-Chlorophenyl phenyl ether	NELAP	0.384		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
4-Nitroaniline	NELAP	0.548		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
4-Nitrophenol	NELAP	0.384		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
Aniline	NELAP	0.548		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
Azobenzene		0.384		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
Benzidine	NELAP	1.16		see note	mg/Kg-dry	1	04/16/2011 22:20	67443
Benzoic acid	NELAP	1.64		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
Benzyl alcohol	NELAP	0.548		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
Bis(2-chloroethoxy)methane	NELAP	0.384		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
Bis(2-chloroethyl)ether	NELAP	0.548		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
Bis(2-chloroisopropyl)ether	NELAP	0.384		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
Butyl benzyl phthalate	NELAP	0.384		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
Carbazole		0.548		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
Dibenzofuran	NELAP	0.384		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
Diethyl phthalate	NELAP	0.548		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
Dimethyl phthalate	NELAP	0.384		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
Di-n-butyl phthalate	NELAP	0.384		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
Di-n-octyl phthalate	NELAP	0.384		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
Hexachlorobenzene	NELAP	0.384		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
Hexachlorobutadiene	NELAP	0.548		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
Hexachlorocyclopentadiene	NELAP	0.384		ND	mg/Kg-dry	1	04/16/2011 22:20	67443

Client: PSC Industrial Outsourcing, LP

Work Order: 11040728

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

Report Date: 19-Apr-11

Lab ID: 11040728-001

Client Sample ID: P8-E3.4-F (22 ft)

Matrix: SOLID

Collection Date: 04/15/2011 13:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Hexachloroethane	NELAP	0.548		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
Isophorone	NELAP	0.384		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
m,p-Cresol	NELAP	0.548		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
Nitrobenzene	NELAP	0.548		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
N-Nitrosodimethylamine	NELAP	0.548		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
N-Nitroso-di-n-propylamine	NELAP	0.548		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
N-Nitrosodiphenylamine	NELAP	0.548		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
o-Cresol	NELAP	0.548		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
Pentachlorophenol	NELAP	2.19		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
Phenol	NELAP	0.384		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
Pyridine	NELAP	0.548		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
1,2-Diphenylhydrazine		0.921		ND	mg/Kg-dry	1	04/16/2011 22:20	67443
Surr: 2,4,6-Tribromophenol		32.7-130		87.5	%REC	1	04/16/2011 22:20	67443
Surr: 2-Fluorobiphenyl		34.1-116		84.6	%REC	1	04/16/2011 22:20	67443
Surr: 2-Fluorophenol		30.5-99		66.0	%REC	1	04/16/2011 22:20	67443
Surr: Nitrobenzene-d5		34.1-101		67.4	%REC	1	04/16/2011 22:20	67443
Surr: Phenol-d5		34.9-110		68.5	%REC	1	04/16/2011 22:20	67443
Surr: p-Terphenyl-d14		41.7-124		86.1	%REC	1	04/16/2011 22:20	67443

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	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
1,1,1-Trichloroethane	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
1,1,2,2-Tetrachloroethane	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
1,1,2-Trichloro-1,2,2-trifluoroethane		4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
1,1,2-Trichloroethane	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
1,1-Dichloro-2-propanone		42		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
1,1-Dichloroethane	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
1,1-Dichloroethene	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
1,1-Dichloropropene	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
1,2,3-Trichlorobenzene	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
1,2,3-Trichloropropane	NELAP	8.5		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
1,2,3-Trimethylbenzene		4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
1,2,4-Trichlorobenzene	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
1,2,4-Trimethylbenzene	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
1,2-Dibromo-3-chloropropane	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
1,2-Dibromoethane	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
1,2-Dichlorobenzene	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
1,2-Dichloroethane	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
1,2-Dichloropropane	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
1,3,5-Trimethylbenzene	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
1,3-Dichlorobenzene	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
1,3-Dichloropropane	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
1,4-Dichlorobenzene	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
1-Chlorobutane	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
2,2-Dichloropropane	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
2-Butanone	NELAP	42		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
2-Chlorotoluene	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478



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Client Sample ID: P8-E3.4-F (22 ft)

Matrix: SOLID

Collection Date: 04/15/2011 13:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2-Hexanone	NELAP	42		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
2-Nitropropane	NELAP	42		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
4-Chlorotoluene	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
4-Methyl-2-pentanone	NELAP	42		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
Acetone	NELAP	42		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
Acetonitrile	NELAP	85		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
Acrolein	NELAP	85		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
Acrylonitrile	NELAP	8.5		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
Allyl chloride	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
Benzene	NELAP	0.85		1.4	µg/Kg-dry	1	04/16/2011 17:06	67478
Bromobenzene	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
Bromochloromethane	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
Bromodichloromethane	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
Bromoform	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
Bromomethane	NELAP	8.5		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
Carbon disulfide	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
Carbon tetrachloride	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
Chlorobenzene	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
Chloroethane	NELAP	8.5		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
Chloroform	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
Chloromethane	NELAP	8.5		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
cis-1,2-Dichloroethene	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
cis-1,3-Dichloropropene	NELAP	3.4		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
Cyclohexanone		85		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
Dibromochloromethane	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
Dibromomethane	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
Dichlorodifluoromethane	NELAP	8.5		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
Ethyl acetate	NELAP	42		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
Ethyl ether	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
Ethyl methacrylate	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
Ethylbenzene	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
Gasoline Range Organics (OA-1)		748		ND	µg/Kg-dry	1	04/18/2011 11:20	67498
Heptane		17		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
Hexachlorobutadiene	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
Hexachloroethane	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
Iodomethane	NELAP	8.5		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
Isopropylbenzene	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
m,p-Xylenes	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
Methacrylonitrile	NELAP	42		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
Methyl Methacrylate	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
Methyl tert-butyl ether	NELAP	1.7		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
Methylacrylate		8.5		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
Methylene chloride	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
Naphthalene	NELAP	8.5	J	2	µg/Kg-dry	1	04/16/2011 17:06	67478
n-Butylbenzene	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
n-Hexane		17	J	2	µg/Kg-dry	1	04/16/2011 17:06	67478
Nitrobenzene	NELAP	85		ND	µg/Kg-dry	1	04/16/2011 17:06	67478

Client: PSC Industrial Outsourcing, LP

Work Order: 11040728

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

Report Date: 19-Apr-11

Lab ID: 11040728-001

Client Sample ID: P8-E3.4-F (22 ft)

Matrix: SOLID

Collection Date: 04/15/2011 13:15

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
n-Propylbenzene	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
o-Xylene	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
Pentachloroethane	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
p-Isopropyltoluene	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
Propionitrile	NELAP	42		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
sec-Butylbenzene	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
Styrene	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
tert-Butylbenzene	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
Tetrachloroethene	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
Tetrahydrofuran	NELAP	42	J	10	µg/Kg-dry	1	04/16/2011 17:06	67478
Toluene	NELAP	4.2	J	1	µg/Kg-dry	1	04/16/2011 17:06	67478
trans-1,2-Dichloroethene	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
trans-1,3-Dichloropropene	NELAP	3.4		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
trans-1,4-Dichloro-2-butene	NELAP	8.5		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
Trichloroethene	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
Trichlorofluoromethane	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
Vinyl acetate	NELAP	42		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
Vinyl chloride	NELAP	1.7		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
Xylenes, Total	NELAP	4.2		ND	µg/Kg-dry	1	04/16/2011 17:06	67478
Surr: 1,2-Dichloroethane-d4		72.2-131		125.0	%REC	1	04/16/2011 17:06	67478
Surr: 4-Bromofluorobenzene		82.1-116		100.1	%REC	1	04/16/2011 17:06	67478
Surr: Dibromofluoromethane		77.7-120		107.4	%REC	1	04/16/2011 17:06	67478
Surr: Toluene-d8		86-116		102.5	%REC	1	04/16/2011 17:06	67478

Client: PSC Industrial Outsourcing, LP

Work Order: 11040728

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

Report Date: 19-Apr-11

Lab ID: 11040728-002

Client Sample ID: P8-E1.2-F (22 ft)

Matrix: SOLID

Collection Date: 04/15/2011 13:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>EPA SW846 3550C, 5035A, ASTM D2974</b>								
Percent Moisture		0.1		11.0	%	1	04/15/2011 17:30	R148260
<b>STANDARD METHODS 18TH ED. 2540 G</b>								
Total Solids		0.1		89.0	%	1	04/15/2011 17:30	R148227
<b>SW-846 9012A</b>								
Cyanide, Amenable to Chlorination		0.652		Interference	mg/Kg-dry	1	04/18/2011 1:59	R148327
<i>The LCS was outside of control limits. LCS recovered at 122.21%. The acceptable range is 85-115% recovery. Data is under reporting limit and reportable.</i>								
<b>SW-846 9012A (TOTAL)</b>								
Cyanide	NELAP	0.56	J	0.24	mg/Kg-dry	1	04/18/2011 1:59	R148327
<i>The LCS was outside of control limits. LCS recovered at 122.21%. The acceptable range is 85-115% recovery. Data is under reporting limit and reportable.</i>								
<b>SW-846 3050B, 6010B, METALS BY ICP</b>								
Arsenic	NELAP	2.31		6.73	mg/Kg-dry	1	04/18/2011 11:22	67424
Barium	NELAP	0.46		18.1	mg/Kg-dry	1	04/18/2011 11:22	67424
Cadmium	NELAP	0.19		0.26	mg/Kg-dry	1	04/18/2011 11:22	67424
Chromium	NELAP	0.93		17.7	mg/Kg-dry	1	04/18/2011 11:22	67424
Lead	NELAP	3.70		11.6	mg/Kg-dry	1	04/18/2011 11:22	67424
Silver	NELAP	0.51		< 0.51	mg/Kg-dry	1	04/18/2011 11:22	67424
<b>SW-846 3050B, METALS BY GFAA</b>								
Selenium	7740 NELAP	0.588		< 0.588	mg/Kg-dry	1	04/17/2011 16:23	67444
<b>SW-846 7471A</b>								
Mercury	NELAP	0.011		0.012	mg/Kg-dry	1	04/18/2011 12:00	67471
<b>SW-846 3550B, 8015B, TOTAL PETROLEUM HYDROCARBONS (OA-2) BY GC/FID</b>								
Diesel	NELAP	5.57	#	7.21	mg/Kg-dry	1	04/16/2011 17:05	67437
Kerosene	NELAP	5.57		ND	mg/Kg-dry	1	04/16/2011 17:05	67437
Mineral Spirits	NELAP	5.57		ND	mg/Kg-dry	1	04/16/2011 17:05	67437
Motor Oil	NELAP	5.57		ND	mg/Kg-dry	1	04/16/2011 17:05	67437
Surr: n-Tetracontane		50.6-140		85.8	%REC	1	04/16/2011 17:05	67437
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Acenaphthene	NELAP	0.004		0.009	mg/Kg-dry	1	04/16/2011 12:55	67442
Acenaphthylene	NELAP	0.004		0.009	mg/Kg-dry	1	04/16/2011 12:55	67442
Anthracene	NELAP	0.004		0.007	mg/Kg-dry	1	04/16/2011 12:55	67442
Benzo(a)anthracene	NELAP	0.004		0.010	mg/Kg-dry	1	04/16/2011 12:55	67442
Benzo(a)pyrene	NELAP	0.004		0.006	mg/Kg-dry	1	04/16/2011 12:55	67442
Benzo(b)fluoranthene	NELAP	0.004		0.007	mg/Kg-dry	1	04/16/2011 12:55	67442
Benzo(g,h,i)perylene	NELAP	0.004		0.006	mg/Kg-dry	1	04/16/2011 12:55	67442
Benzo(k)fluoranthene	NELAP	0.004		ND	mg/Kg-dry	1	04/16/2011 12:55	67442
Bis(2-ethylhexyl)phthalate	NELAP	0.075		ND	mg/Kg-dry	1	04/16/2011 12:55	67442
Chrysene	NELAP	0.004		0.007	mg/Kg-dry	1	04/16/2011 12:55	67442
Dibenzo(a,h)anthracene	NELAP	0.004		ND	mg/Kg-dry	1	04/16/2011 12:55	67442
Fluoranthene	NELAP	0.004		0.014	mg/Kg-dry	1	04/16/2011 12:55	67442
Fluorene	NELAP	0.004		0.008	mg/Kg-dry	1	04/16/2011 12:55	67442
Indeno(1,2,3-cd)pyrene	NELAP	0.004	J	0.003	mg/Kg-dry	1	04/16/2011 12:55	67442
Naphthalene	NELAP	0.004		0.033	mg/Kg-dry	1	04/16/2011 12:55	67442
Phenanthrene	NELAP	0.004		0.022	mg/Kg-dry	1	04/16/2011 12:55	67442
Pyrene	NELAP	0.004		0.021	mg/Kg-dry	1	04/16/2011 12:55	67442
Surr: 2-Fluorobiphenyl		10-131		73.6	%REC	1	04/16/2011 12:55	67442

Client: PSC Industrial Outsourcing, LP

Work Order: 11040728

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

Report Date: 19-Apr-11

Lab ID: 11040728-002

Client Sample ID: P8-E1.2-F (22 ft)

Matrix: SOLID

Collection Date: 04/15/2011 13:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C SIMS, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Surr: Nitrobenzene-d5		10-132		65.8	%REC	1	04/16/2011 12:55	67442
Surr: p-Terphenyl-d14		30.6-131		82.2	%REC	1	04/16/2011 12:55	67442
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,2,4-Trichlorobenzene	NELAP	0.558		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
1,2-Dichlorobenzene	NELAP	0.558		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
1,3-Dichlorobenzene	NELAP	0.558		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
1,4-Dichlorobenzene	NELAP	0.558		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
2,4,5-Trichlorophenol	NELAP	0.390		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
2,4,6-Trichlorophenol	NELAP	0.390		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
2,4-Dichlorophenol	NELAP	0.558		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
2,4-Dimethylphenol	NELAP	0.558		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
2,4-Dinitrophenol	NELAP	1.12		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
2,4-Dinitrotoluene	NELAP	0.390		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
2,6-Dinitrotoluene	NELAP	0.390		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
2-Chloronaphthalene	NELAP	0.390		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
2-Chlorophenol	NELAP	0.558		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
2-Methoxy-4-methylphenol		0.725		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
2-Methylnaphthalene	NELAP	0.390		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
2-Nitroaniline	NELAP	1.12		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
2-Nitrophenol	NELAP	0.390		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
3,3'-Dichlorobenzidine	NELAP	0.390		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
3-Nitroaniline	NELAP	1.12		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
4,6-Dinitro-2-methylphenol	NELAP	1.12		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
4-Bromophenyl phenyl ether	NELAP	0.390		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
4-Chloro-3-methylphenol	NELAP	0.558		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
4-Chloroaniline	NELAP	0.558		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
4-Chlorophenyl phenyl ether	NELAP	0.390		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
4-Nitroaniline	NELAP	0.558		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
4-Nitrophenol	NELAP	0.390		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
Aniline	NELAP	0.558		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
Azobenzene		0.390		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
Benzidine	NELAP	1.18		see note	mg/Kg-dry	1	04/18/2011 2:51	67443
Benzoic acid	NELAP	1.67		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
Benzyl alcohol	NELAP	0.558		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
Bis(2-chloroethoxy)methane	NELAP	0.390		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
Bis(2-chloroethyl)ether	NELAP	0.558		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
Bis(2-chloroisopropyl)ether	NELAP	0.390		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
Butyl benzyl phthalate	NELAP	0.390		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
Carbazole		0.558		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
Dibenzofuran	NELAP	0.390		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
Diethyl phthalate	NELAP	0.558		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
Dimethyl phthalate	NELAP	0.390		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
Di-n-butyl phthalate	NELAP	0.390		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
Di-n-octyl phthalate	NELAP	0.390		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
Hexachlorobenzene	NELAP	0.390		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
Hexachlorobutadiene	NELAP	0.558		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
Hexachlorocyclopentadiene	NELAP	0.390		ND	mg/Kg-dry	1	04/18/2011 2:51	67443

Client: PSC Industrial Outsourcing, LP

Work Order: 11040728

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

Report Date: 19-Apr-11

Lab ID: 11040728-002

Client Sample ID: P8-E1.2-F (22 ft)

Matrix: SOLID

Collection Date: 04/15/2011 13:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 3550B, 8270C, SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Hexachloroethane	NELAP	0.558		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
Isophorone	NELAP	0.390		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
m,p-Cresol	NELAP	0.558		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
Nitrobenzene	NELAP	0.558		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
N-Nitrosodimethylamine	NELAP	0.558		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
N-Nitroso-di-n-propylamine	NELAP	0.558		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
N-Nitrosodiphenylamine	NELAP	0.558		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
o-Cresol	NELAP	0.558		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
Pentachlorophenol	NELAP	2.23		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
Phenol	NELAP	0.390		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
Pyridine	NELAP	0.558		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
1,2-Diphenylhydrazine		0.937		ND	mg/Kg-dry	1	04/18/2011 2:51	67443
Surr: 2,4,6-Tribromophenol		32.7-130		98.1	%REC	1	04/18/2011 2:51	67443
Surr: 2-Fluorobiphenyl		34.1-116		93.1	%REC	1	04/18/2011 2:51	67443
Surr: 2-Fluorophenol		30.5-99		72.2	%REC	1	04/18/2011 2:51	67443
Surr: Nitrobenzene-d5		34.1-101		71.5	%REC	1	04/18/2011 2:51	67443
Surr: Phenol-d5		34.9-110		72.0	%REC	1	04/18/2011 2:51	67443
Surr: p-Terphenyl-d14		41.7-124		95.0	%REC	1	04/18/2011 2:51	67443

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

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

1,1,1,2-Tetrachloroethane	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
1,1,1-Trichloroethane	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
1,1,2,2-Tetrachloroethane	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
1,1,2-Trichloro-1,2,2-trifluoroethane		3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
1,1,2-Trichloroethane	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
1,1-Dichloro-2-propanone		39		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
1,1-Dichloroethane	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
1,1-Dichloroethene	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
1,1-Dichloropropene	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
1,2,3-Trichlorobenzene	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
1,2,3-Trichloropropane	NELAP	7.8		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
1,2,3-Trimethylbenzene		3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
1,2,4-Trichlorobenzene	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
1,2,4-Trimethylbenzene	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
1,2-Dibromo-3-chloropropane	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
1,2-Dibromoethane	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
1,2-Dichlorobenzene	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
1,2-Dichloroethane	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
1,2-Dichloropropane	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
1,3,5-Trimethylbenzene	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
1,3-Dichlorobenzene	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
1,3-Dichloropropane	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
1,4-Dichlorobenzene	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
1-Chlorobutane	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
2,2-Dichloropropane	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
2-Butanone	NELAP	39		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
2-Chlorotoluene	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478

Client: PSC Industrial Outsourcing, LP

Work Order: 11040728

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

Report Date: 19-Apr-11

Lab ID: 11040728-002

Client Sample ID: P8-E1.2-F (22 ft)

Matrix: SOLID

Collection Date: 04/15/2011 13:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
2-Hexanone	NELAP	39		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
2-Nitropropane	NELAP	39		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
4-Chlorotoluene	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
4-Methyl-2-pentanone	NELAP	39		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
Acetone	NELAP	39	J	9	µg/Kg-dry	1	04/16/2011 17:34	67478
Acetonitrile	NELAP	78		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
Acrolein	NELAP	78		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
Acrylonitrile	NELAP	7.8		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
Allyl chloride	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
Benzene	NELAP	0.78		1.4	µg/Kg-dry	1	04/16/2011 17:34	67478
Bromobenzene	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
Bromochloromethane	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
Bromodichloromethane	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
Bromoform	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
Bromomethane	NELAP	7.8		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
Carbon disulfide	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
Carbon tetrachloride	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
Chlorobenzene	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
Chloroethane	NELAP	7.8		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
Chloroform	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
Chloromethane	NELAP	7.8		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
cis-1,2-Dichloroethene	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
cis-1,3-Dichloropropene	NELAP	3.1		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
Cyclohexanone		78		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
Dibromochloromethane	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
Dibromomethane	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
Dichlorodifluoromethane	NELAP	7.8		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
Ethyl acetate	NELAP	39		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
Ethyl ether	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
Ethyl methacrylate	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
Ethylbenzene	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
Gasoline Range Organics (OA-1)		821		ND	µg/Kg-dry	1	04/18/2011 11:48	67498
Heptane		16		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
Hexachlorobutadiene	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
Hexachloroethane	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
Iodomethane	NELAP	7.8		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
Isopropylbenzene	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
m,p-Xylenes	NELAP	3.9	J	0.8	µg/Kg-dry	1	04/16/2011 17:34	67478
Methacrylonitrile	NELAP	39		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
Methyl Methacrylate	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
Methyl tert-butyl ether	NELAP	1.6		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
Methylacrylate		7.8		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
Methylene chloride	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
Naphthalene	NELAP	7.8		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
n-Butylbenzene	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
n-Hexane		16	J	2	µg/Kg-dry	1	04/16/2011 17:34	67478
Nitrobenzene	NELAP	78		ND	µg/Kg-dry	1	04/16/2011 17:34	67478



## Laboratory Results

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11040728

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

Report Date: 19-Apr-11

Lab ID: 11040728-002

Client Sample ID: P8-E1.2-F (22 ft)

Matrix: SOLID

Collection Date: 04/15/2011 13:25

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5035, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
n-Propylbenzene	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
o-Xylene	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
Pentachloroethane	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
p-Isopropyltoluene	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
Propionitrile	NELAP	39		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
sec-Butylbenzene	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
Styrene	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
tert-Butylbenzene	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
Tetrachloroethene	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
Tetrahydrofuran	NELAP	39	J	10	µg/Kg-dry	1	04/16/2011 17:34	67478
Toluene	NELAP	3.9	J	1	µg/Kg-dry	1	04/16/2011 17:34	67478
trans-1,2-Dichloroethene	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
trans-1,3-Dichloropropene	NELAP	3.1		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
trans-1,4-Dichloro-2-butene	NELAP	7.8		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
Trichloroethene	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
Trichlorofluoromethane	NELAP	3.9		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
Vinyl acetate	NELAP	39		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
Vinyl chloride	NELAP	1.6		ND	µg/Kg-dry	1	04/16/2011 17:34	67478
Xylenes, Total	NELAP	3.9	J	0.8	µg/Kg-dry	1	04/16/2011 17:34	67478
Surr: 1,2-Dichloroethane-d4		72.2-131		124.0	%REC	1	04/16/2011 17:34	67478
Surr: 4-Bromofluorobenzene		82.1-116		94.6	%REC	1	04/16/2011 17:34	67478
Surr: Dibromofluoromethane		77.7-120		107.4	%REC	1	04/16/2011 17:34	67478
Surr: Toluene-d8		86-116		108.1	%REC	1	04/16/2011 17:34	67478



## Sample Summary

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040728

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

**Report Date:** 19-Apr-11

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
11040728-001	P8-E3.4-F (22 ft)	Solid	5	04/15/2011 13:15
11040728-002	P8-E1.2-F (22 ft)	Solid	5	04/15/2011 13:25





## Dates Report

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

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040728

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

**Report Date:** 19-Apr-11

Sample ID	Client Sample ID	Collection Date	Received Date	
	Test Name		Prep Date/Time	Analysis Date/Time
11040728-001A	P8-E3.4-F (22 ft)	04/15/2011 13:15	4/15/2011 5:05:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		04/15/2011 18:48	04/18/2011 11:06
	SW-846 3050B, Metals by GFAA		04/15/2011 18:51	04/16/2011 13:54
	SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID		04/15/2011 18:02	04/16/2011 16:48
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		04/15/2011 18:46	04/16/2011 11:08
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		04/15/2011 18:50	04/16/2011 22:20
	SW-846 7471A		04/18/2011 8:03	04/18/2011 12:00
11040728-001B	P8-E3.4-F (22 ft)	04/15/2011 13:15	4/15/2011 5:05:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			04/15/2011 17:30
	Standard Methods 18th Ed. 2540 G			04/15/2011 17:30
	SW-846 9012A			04/18/2011 1:59
	SW-846 9012A (Total)			04/18/2011 1:59
11040728-001E	P8-E3.4-F (22 ft)	04/15/2011 13:15	4/15/2011 5:05:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			04/16/2011 17:06
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			04/18/2011 11:20
11040728-002A	P8-E1.2-F (22 ft)	04/15/2011 13:25	4/15/2011 5:05:00 PM	
	SW-846 3050B, 6010B, Metals by ICP		04/15/2011 18:48	04/18/2011 11:22
	SW-846 3050B, Metals by GFAA		04/15/2011 18:51	04/17/2011 16:23
	SW-846 3550B, 8015B, Total Petroleum Hydrocarbons (OA-2) by GC/FID		04/15/2011 18:02	04/16/2011 17:05
	SW-846 3550B, 8270C SIMS, Semi-Volatile Organic Compounds by GC/MS		04/15/2011 18:46	04/16/2011 12:55
	SW-846 3550B, 8270C, Semi-Volatile Organic Compounds by GC/MS		04/15/2011 18:50	04/18/2011 2:51
	SW-846 7471A		04/18/2011 8:03	04/18/2011 12:00
11040728-002B	P8-E1.2-F (22 ft)	04/15/2011 13:25	4/15/2011 5:05:00 PM	
	EPA SW846 3550C, 5035A, ASTM D2974			04/15/2011 17:30
	Standard Methods 18th Ed. 2540 G			04/15/2011 17:30
	SW-846 9012A			04/18/2011 1:59
	SW-846 9012A (Total)			04/18/2011 1:59
11040728-002E	P8-E1.2-F (22 ft)	04/15/2011 13:25	4/15/2011 5:05:00 PM	
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			04/16/2011 17:34
	SW-846 5035, 8260B, Volatile Organic Compounds by GC/MS			04/18/2011 11:48

Client: PSC Industrial Outsourcing, LP

Work Order: 11040728

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

Report Date: 19-Apr-11

### STANDARD METHODS 18TH ED. 2540 G

Batch R148227		SampType: LCS		Units %						
SampID: LCS-R148227										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Solids	0.1		1.0	1.0	0	99.0	90	110	04/15/2011	

Batch R148227		SampType: LCSQC		Units %						
SampID: LCSQC-R148227										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Total Solids	0.1		1.0	1.0	0	98.0	90	110	04/15/2011	

Batch R148227		SampType: DUP		Units %		RPD Limit 15				
SampID: 11040728-001BDUP										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Total Solids	0.1		89.6				89.77	0.13	04/15/2011	

### SW-846 9012A (TOTAL)

Batch R148327		SampType: MBLK		Units mg/Kg						
SampID: MB-R148327										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide	0.01		< 0.01						04/18/2011	

Batch R148327		SampType: LCS		Units mg/Kg						
SampID: LCS-R148327										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide	0.01	S	0.03	0.02	0	122.2	85	115	04/18/2011	

Batch R148327		SampType: MS		Units mg/Kg-dry						
SampID: 11040728-001BMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Cyanide	0.56		1.77	1.39	0.3676	100.4	75	125	04/18/2011	

Batch R148327		SampType: MSD		Units mg/Kg-dry		RPD Limit 15				
SampID: 11040728-001BMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Cyanide	0.58		1.76	1.39	0.3676	100.4	1.766	0.05	04/18/2011	

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

Batch 67424		SampType: MBLK		Units mg/Kg-dry						
SampID: MB-67424										
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	04/18/2011	
Barium	0.50		< 0.50	0.50	0	0	-100	100	04/18/2011	
Cadmium	0.20		< 0.20	0.20	0	0	-100	100	04/18/2011	
Chromium	1.00		< 1.00	1.00	0	0	-100	100	04/18/2011	
Lead	4.00		< 4.00	4.00	0	0	-100	100	04/18/2011	
Silver	0.55		< 0.55	0.55	0	0	-100	100	04/18/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040728

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

**Report Date:** 19-Apr-11

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

Batch 67424		SampType: MBLK		Units mg/Kg-dry						
SampID: MB-67424										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	

Batch 67424		SampType: LCS		Units mg/Kg-dry						
SampID: LCS-67424										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Arsenic	2.50		<b>200</b>	200	0	100	85	115	04/18/2011	
Barium	0.50		<b>198</b>	200	0	99.0	85	115	04/18/2011	
Cadmium	0.20		<b>5.02</b>	5.00	0	100.4	85	115	04/18/2011	
Chromium	1.00		<b>22.0</b>	20.0	0	109.8	85	115	04/18/2011	
Lead	4.00		<b>51.4</b>	50.0	0	102.7	85	115	04/18/2011	
Silver	0.55		<b>5.31</b>	5.00	0	106.2	85	115	04/18/2011	

Batch 67424		SampType: MS		Units mg/Kg-dry						
SampID: 11040728-001AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Arsenic	2.31		<b>190</b>	185	6.241	99.1	75	125	04/18/2011	
Barium	0.46		<b>181</b>	185	18.60	87.7	75	125	04/18/2011	
Cadmium	0.19		<b>4.37</b>	4.63	0.2315	89.4	75	125	04/18/2011	
Chromium	0.93		<b>36.0</b>	18.5	17.09	101.9	75	125	04/18/2011	
Lead	3.70		<b>52.7</b>	46.3	10.39	91.5	75	125	04/18/2011	
Silver	0.51		<b>5.05</b>	4.63	0	109.0	75	125	04/18/2011	

Batch 67424		SampType: MSD		Units mg/Kg-dry							RPD Limit 20
SampID: 11040728-001AMSD											
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed		
Arsenic	2.31		<b>190</b>	185	6.241	99.5	189.7	0.39	04/18/2011		
Barium	0.46		<b>183</b>	185	18.60	88.8	180.9	1.17	04/18/2011		
Cadmium	0.19		<b>4.31</b>	4.63	0.2315	88.0	4.370	1.49	04/18/2011		
Chromium	0.93		<b>37.5</b>	18.5	17.09	110.0	35.96	4.09	04/18/2011		
Lead	3.70		<b>52.9</b>	46.3	10.39	91.9	52.73	0.37	04/18/2011		
Silver	0.51		<b>5.23</b>	4.63	0	113.0	5.046	3.60	04/18/2011		

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

Batch 67444		SampType: MBLK		Units mg/Kg-dry						
SampID: MB-67444										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Selenium	7740	0.600	< <b>0.600</b>	0.600	0	0	-100	100	04/16/2011	

Batch 67444		SampType: LCS		Units mg/Kg-dry						
SampID: LCS-67444										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Selenium	7740	0.600	<b>2.60</b>	3.00	0	86.7	80	120	04/16/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040728

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

**Report Date:** 19-Apr-11

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

Batch 67444		SampType: MS		Units mg/Kg-dry						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Selenium	7740	0.588	2.23	2.94	0	75.7	70	130	04/17/2011	

Batch 67444		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	7740	0.588	2.29	2.94	0	77.8	2.226	2.79	04/17/2011	

**SW-846 7471A**

Batch 67471		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	04/18/2011	

Batch 67471		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	107.0	85	115	04/18/2011	

Batch 67471		SampType: MS		Units mg/Kg-dry						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Mercury	0.011		0.317	0.275	0.007151	112.6	75	125	04/18/2011	

Batch 67471		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		0.307	0.275	0.007151	109.0	0.3169	3.17	04/18/2011	

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

Batch 67437		SampType: MBLK		Units mg/Kg						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Diesel	5.00		ND						04/16/2011	
Kerosene	5.00		ND						04/16/2011	
Mineral Spirits	5.00		ND						04/16/2011	
Motor Oil	5.00		ND						04/16/2011	
Surr: n-Tetracontane			0.50	0.67		74.8	54.8	128	04/16/2011	

Batch 67437		SampType: LCS		Units mg/Kg						Date Analyzed
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Diesel	5.00		16.5	16.7	0	98.8	40.4	121	04/16/2011	
Surr: n-Tetracontane			0.53	0.67		78.4	54.8	128	04/16/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040728

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

Batch 67437		SampType: LCS		Units mg/Kg						Date Analyzed
SampID: LCS-67437										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		

Batch 67437		SampType: MS		Units mg/Kg-dry						Date Analyzed
SampID: 11040728-002AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Diesel	5.68		<b>28.9</b>	19.0	7.212	114.3	20.3	167	04/18/2011	
Surr: n-Tetracontane			<b>0.79</b>	0.76		104.1	53.9	153	04/18/2011	

Batch 67437		SampType: MSD		Units mg/Kg-dry						RPD Limit 34	Date Analyzed
SampID: 11040728-002AMSD											
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD			
Diesel	5.59		<b>30.8</b>	18.7	7.212	126.4	29.28	5.05	04/18/2011		
Surr: n-Tetracontane			<b>0.75</b>	0.75		100			04/18/2011		

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

Batch 67442		SampType: MBLK		Units mg/Kg						Date Analyzed
SampID: MB-67442										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Acenaphthene	0.003		ND						04/16/2011	
Acenaphthylene	0.003		ND						04/16/2011	
Anthracene	0.003		ND						04/16/2011	
Benzo(a)anthracene	0.003		ND						04/16/2011	
Benzo(a)pyrene	0.003		ND						04/16/2011	
Benzo(b)fluoranthene	0.003		ND						04/16/2011	
Benzo(g,h,i)perylene	0.003		ND						04/16/2011	
Benzo(k)fluoranthene	0.003		ND						04/16/2011	
Bis(2-ethylhexyl)phthalate	0.067		ND						04/16/2011	
Chrysene	0.003		ND						04/16/2011	
Dibenzo(a,h)anthracene	0.003		ND						04/16/2011	
Fluoranthene	0.003		ND						04/16/2011	
Fluorene	0.003		ND						04/16/2011	
Indeno(1,2,3-cd)pyrene	0.003		ND						04/16/2011	
Naphthalene	0.003		ND						04/16/2011	
Phenanthrene	0.003		ND						04/16/2011	
Pyrene	0.003		ND						04/16/2011	
Surr: 2-Fluorobiphenyl			<b>0.108</b>	0.167		64.5	45.7	89.2	04/16/2011	
Surr: Nitrobenzene-d5			<b>0.101</b>	0.167		60.3	31.4	100	04/16/2011	
Surr: p-Terphenyl-d14			<b>0.126</b>	0.167		75.2	53.3	124	04/16/2011	

Batch 67442		SampType: LCS		Units mg/Kg						Date Analyzed
SampID: LCS-67442										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Acenaphthene	0.003		<b>0.143</b>	0.167	0	85.4	56.3	115	04/16/2011	
Acenaphthylene	0.003		<b>0.140</b>	0.167	0	83.8	60.3	143	04/16/2011	
Anthracene	0.003		<b>0.127</b>	0.167	0	76.2	52.1	109	04/16/2011	
Benzo(a)anthracene	0.003		<b>0.144</b>	0.167	0	86.2	52.8	112	04/16/2011	

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

Batch 67442		SampType: LCS		Units mg/Kg						
SampID: LCS-67442										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Benzo(a)pyrene	0.003		0.155	0.167	0	92.8	40.8	127	04/16/2011	
Benzo(b)fluoranthene	0.003		0.167	0.167	0	99.8	50.1	150	04/16/2011	
Benzo(g,h,i)perylene	0.003		0.170	0.167	0	101.6	52.8	145	04/16/2011	
Benzo(k)fluoranthene	0.003		0.149	0.167	0	89.0	52	153	04/16/2011	
Bis(2-ethylhexyl)phthalate	0.067		0.214	0.167	0	128.3	50	150	04/16/2011	
Chrysene	0.003		0.150	0.167	0	89.6	60.8	128	04/16/2011	
Dibenzo(a,h)anthracene	0.003		0.176	0.167	0	105.2	54.9	150	04/16/2011	
Fluoranthene	0.003		0.145	0.167	0	87.0	58.7	125	04/16/2011	
Fluorene	0.003		0.140	0.167	0	84.0	57.8	125	04/16/2011	
Indeno(1,2,3-cd)pyrene	0.003		0.174	0.167	0	104.2	52	147	04/16/2011	
Naphthalene	0.003		0.121	0.167	0	72.7	54.8	113	04/16/2011	
Phenanthrene	0.003		0.138	0.167	0	82.6	60.4	121	04/16/2011	
Pyrene	0.003		0.146	0.167	0	87.4	57.9	129	04/16/2011	
Surr: 2-Fluorobiphenyl			0.107	0.167		64.3	45.7	89.2	04/16/2011	
Surr: Nitrobenzene-d5			0.095	0.167		57.1	31.4	100	04/16/2011	
Surr: p-Terphenyl-d14			0.124	0.167		74.1	53.3	124	04/16/2011	

Batch 67442		SampType: MS		Units mg/Kg-dry						
SampID: 11040728-001AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Acenaphthene	0.004		0.160	0.184	0.008040	82.3	36	135	04/16/2011	
Acenaphthylene	0.004		0.156	0.184	0.004020	82.7	17.2	167	04/16/2011	
Anthracene	0.004		0.148	0.184	0.005848	76.9	39.3	124	04/16/2011	
Benzo(a)anthracene	0.004		0.157	0.184	0.007675	81.1	10	183	04/16/2011	
Benzo(a)pyrene	0.004		0.179	0.184	0.004386	94.8	10	204	04/16/2011	
Benzo(b)fluoranthene	0.004		0.179	0.184	0.004020	95.0	10.6	178	04/16/2011	
Benzo(g,h,i)perylene	0.004		0.186	0.184	0.004020	98.8	10	168	04/16/2011	
Benzo(k)fluoranthene	0.004		0.153	0.184	0	82.8	27.6	181	04/16/2011	
Bis(2-ethylhexyl)phthalate	0.074		0.234	0.184	0	126.7	50	150	04/16/2011	
Chrysene	0.004		0.161	0.184	0.005117	84.7	10	176	04/16/2011	
Dibenzo(a,h)anthracene	0.004		0.187	0.184	0	101.4	12.2	156	04/16/2011	
Fluoranthene	0.004		0.155	0.184	0.008406	79.5	10	227	04/16/2011	
Fluorene	0.004		0.157	0.184	0.006213	81.7	35.2	148	04/16/2011	
Indeno(1,2,3-cd)pyrene	0.004		0.186	0.184	0	101.0	10	164	04/16/2011	
Naphthalene	0.004		0.176	0.184	0.08515	49.0	14.7	128	04/16/2011	
Phenanthrene	0.004		0.159	0.184	0.02522	72.8	32.8	143	04/16/2011	
Pyrene	0.004		0.159	0.184	0.01352	78.9	10	180	04/16/2011	
Surr: 2-Fluorobiphenyl			0.649	0.920		70.5	10	131	04/16/2011	
Surr: Nitrobenzene-d5			0.603	0.920		65.5	10	132	04/16/2011	
Surr: p-Terphenyl-d14			0.748	0.920		81.3	30.6	131	04/16/2011	

Batch 67442		SampType: MSD		Units mg/Kg-dry				RPD Limit 49.7		Date Analyzed
SampID: 11040728-001AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Acenaphthene	0.004		0.158	0.186	0.008040	80.9	0.1598	1.03	04/16/2011	
Acenaphthylene	0.004		0.151	0.186	0.004020	79.3	0.1565	3.49	04/16/2011	

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

Batch 67442		SampType: MSD		Units mg/Kg-dry				RPD Limit 49.7		Date Analyzed
SampID: 11040728-001AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
Anthracene	0.004		0.141	0.186	0.005848	72.9	0.1476	4.52	04/16/2011	
Benzo(a)anthracene	0.004		0.152	0.186	0.007675	77.7	0.1572	3.47	04/16/2011	
Benzo(a)pyrene	0.004		0.172	0.186	0.004386	90.3	0.1793	4.24	04/16/2011	
Benzo(b)fluoranthene	0.004		0.172	0.186	0.004020	90.6	0.1793	4.03	04/16/2011	
Benzo(g,h,i)perylene	0.004		0.179	0.186	0.004020	94.2	0.1863	4.05	04/16/2011	
Benzo(k)fluoranthene	0.004		0.144	0.186	0	77.6	0.1528	5.87	04/16/2011	
Bis(2-ethylhexyl)phthalate	0.074		0.226	0.186	0	122.0	0.2338	3.26	04/16/2011	
Chrysene	0.004		0.156	0.186	0.005117	81.5	0.1612	3.12	04/16/2011	
Dibenzo(a,h)anthracene	0.004		0.180	0.186	0	97.0	0.1870	3.83	04/16/2011	
Fluoranthene	0.004		0.149	0.186	0.008406	75.9	0.1550	3.77	04/16/2011	
Fluorene	0.004		0.154	0.186	0.006213	79.7	0.1568	1.78	04/16/2011	
Indeno(1,2,3-cd)pyrene	0.004		0.181	0.186	0	97.6	0.1863	2.82	04/16/2011	
Naphthalene	0.004		0.173	0.186	0.08515	47.1	0.1756	1.74	04/16/2011	
Phenanthrene	0.004		0.157	0.186	0.02522	71.0	0.1594	1.50	04/16/2011	
Pyrene	0.004		0.154	0.186	0.01352	75.9	0.1590	2.94	04/16/2011	
Surr: 2-Fluorobiphenyl			0.635	0.926		68.6			04/16/2011	
Surr: Nitrobenzene-d5			0.570	0.926		61.5			04/16/2011	
Surr: p-Terphenyl-d14			0.714	0.926		77.2			04/16/2011	

Batch 67443		SampType: MBLK		Units %REC						Date Analyzed
SampID: MB-67443										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Surr: 2-Fluorobiphenyl			0.561	0.835		67.2	46.3	106	04/16/2011	
Surr: Nitrobenzene-d5			0.485	0.835		58.1	42.4	99.2	04/16/2011	
Surr: p-Terphenyl-d14			0.848	0.835		101.6	45.5	115	04/16/2011	

Batch 67443		SampType: LCS		Units %REC						Date Analyzed
SampID: LCS-67443										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Surr: 2-Fluorobiphenyl			0.490	0.835		58.6	46.3	106	04/16/2011	
Surr: Nitrobenzene-d5			0.778	0.835		93.2	42.4	99.2	04/16/2011	
Surr: p-Terphenyl-d14			0.588	0.835		70.5	45.5	115	04/16/2011	

Batch 67443		SampType: LCS		Units %REC						Date Analyzed
SampID: LCSDRO-67443										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Surr: 2-Fluorobiphenyl			0.481	0.835		57.6	46.3	106	04/16/2011	
Surr: Nitrobenzene-d5			0.460	0.835		55.0	42.4	99.2	04/16/2011	
Surr: p-Terphenyl-d14			0.706	0.835		84.6	45.5	115	04/16/2011	

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

Batch 67443		SampType: MBLK		Units mg/Kg						Date Analyzed
SampID: MB-67443										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
1,2,4-Trichlorobenzene	0.500		ND						04/16/2011	

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

**Batch 67443**      **SampType: MBLK**      **Units mg/Kg**

SampID: MB-67443

Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
1,2-Dichlorobenzene	0.500		ND						04/16/2011
1,3-Dichlorobenzene	0.500		ND						04/16/2011
1,4-Dichlorobenzene	0.500		ND						04/16/2011
2,4,5-Trichlorophenol	0.350		ND						04/16/2011
2,4,6-Trichlorophenol	0.350		ND						04/16/2011
2,4-Dichlorophenol	0.500		ND						04/16/2011
2,4-Dimethylphenol	0.500		ND						04/16/2011
2,4-Dinitrophenol	1.00		ND						04/16/2011
2,4-Dinitrotoluene	0.350		ND						04/16/2011
2,6-Dinitrotoluene	0.350		ND						04/16/2011
2-Chloronaphthalene	0.350		ND						04/16/2011
2-Chlorophenol	0.500		ND						04/16/2011
2-Methoxy-4-methylphenol	0.650		ND						04/16/2011
2-Methylnaphthalene	0.350		ND						04/16/2011
2-Nitroaniline	1.00		ND						04/16/2011
2-Nitrophenol	0.350		ND						04/16/2011
3,3'-Dichlorobenzidine	0.350		ND						04/16/2011
3-Nitroaniline	1.00		ND						04/16/2011
4,6-Dinitro-2-methylphenol	1.00		ND						04/16/2011
4-Bromophenyl phenyl ether	0.350		ND						04/16/2011
4-Chloro-3-methylphenol	0.500		ND						04/16/2011
4-Chloroaniline	0.500		ND						04/16/2011
4-Chlorophenyl phenyl ether	0.350		ND						04/16/2011
4-Nitroaniline	0.500		ND						04/16/2011
4-Nitrophenol	0.350		ND						04/16/2011
Aniline	0.500		ND						04/16/2011
Azobenzene	0.350		ND						04/16/2011
Benzidine	1.06		ND						04/16/2011
Benzoic acid	1.50		ND						04/16/2011
Benzyl alcohol	0.500		ND						04/16/2011
Bis(2-chloroethoxy)methane	0.350		ND						04/16/2011
Bis(2-chloroethyl)ether	0.500		ND						04/16/2011
Bis(2-chloroisopropyl)ether	0.350		ND						04/16/2011
Butyl benzyl phthalate	0.350		ND						04/16/2011
Carbazole	0.500		ND						04/16/2011
Dibenzofuran	0.350		ND						04/16/2011
Diethyl phthalate	0.500		ND						04/16/2011
Dimethyl phthalate	0.350		ND						04/16/2011
Di-n-butyl phthalate	0.350		ND						04/16/2011
Di-n-octyl phthalate	0.350		ND						04/16/2011
Hexachlorobenzene	0.350		ND						04/16/2011
Hexachlorobutadiene	0.500		ND						04/16/2011
Hexachlorocyclopentadiene	0.350		ND						04/16/2011
Hexachloroethane	0.500		ND						04/16/2011
Isophorone	0.350		ND						04/16/2011
m,p-Cresol	0.500		ND						04/16/2011
Nitrobenzene	0.500		ND						04/16/2011



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

Batch 67443		SampType: MBLK		Units mg/Kg						
SampID: MB-67443										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
N-Nitrosodimethylamine	0.500		ND						04/16/2011	
N-Nitroso-di-n-propylamine	0.500		ND						04/16/2011	
N-Nitrosodiphenylamine	0.500		ND						04/16/2011	
o-Cresol	0.500		ND						04/16/2011	
Pentachlorophenol	2.00		ND						04/16/2011	
Phenol	0.350		ND						04/16/2011	
Pyridine	0.500		ND						04/16/2011	
1,2-Diphenylhydrazine	0.840		ND						04/16/2011	
Surr: 2,4,6-Tribromophenol		S	0	1.67	0	52.1	52.1	113	04/16/2011	
Surr: 2,4,6-Tribromophenol			1.79	1.67	107.5	52.1	52.1	113	04/16/2011	
Surr: 2-Fluorobiphenyl			0.748	0.835	89.6	46.3	46.3	106	04/16/2011	
Surr: 2-Fluorophenol		S	0	1.67	0	50.6	50.6	89	04/16/2011	
Surr: 2-Fluorophenol			1.20	1.67	71.6	50.6	50.6	89	04/16/2011	
Surr: Nitrobenzene-d5			0.599	0.835	71.7	42.4	42.4	99.2	04/16/2011	
Surr: Phenol-d5			1.25	1.67	74.7	55.9	55.9	98.5	04/16/2011	
Surr: Phenol-d5		S	0	1.67	0	55.9	55.9	98.5	04/16/2011	
Surr: p-Terphenyl-d14			0.864	0.835	103.5	45.5	45.5	115	04/16/2011	

Batch 67443		SampType: LCS		Units mg/Kg						
SampID: LCS-67443										
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	79.5	43.9	92.2	04/16/2011	
1,4-Dichlorobenzene	0.500		1.01	1.67	0	60.7	43.8	84.1	04/16/2011	
2,4,5-Trichlorophenol	0.350		2.91	3.33	0	87.5	38.6	123	04/16/2011	
2,4,6-Trichlorophenol	0.350		2.90	3.33	0	87.1	35.9	123	04/16/2011	
2,4-Dimethylphenol	0.500		2.13	3.33	0	64.1	38.3	88	04/16/2011	
2,4-Dinitrophenol	1.00		2.35	3.33	0	70.4	1.88	162	04/16/2011	
2,4-Dinitrotoluene	0.350		1.32	1.67	0	79.2	48.6	102	04/16/2011	
2-Chlorophenol	0.500		2.19	3.33	0	65.7	46.6	84	04/16/2011	
4-Chloro-3-methylphenol	0.500		2.53	3.33	0	75.9	51.5	94.9	04/16/2011	
4-Nitrophenol	0.350		2.34	3.33	0	70.4	53.2	104	04/16/2011	
Diethyl phthalate	0.500		2.37	3.33	0	71.1	51.7	106	04/16/2011	
Dimethyl phthalate	0.350		2.33	3.33	0	69.9	58.8	104	04/16/2011	
Di-n-butyl phthalate	0.350		1.16	1.67	0	69.3	54.3	105	04/16/2011	
Hexachlorobenzene	0.350		2.88	3.33	0	86.4	55.9	106	04/16/2011	
Hexachlorobutadiene	0.500		2.67	3.33	0	80.2	35.7	100	04/16/2011	
Hexachloroethane	0.500		1.84	3.33	0	55.3	38.9	89.9	04/16/2011	
m,p-Cresol	0.500		1.11	1.67	0	66.5	37.6	93.7	04/16/2011	
Nitrobenzene	0.500		2.14	3.33	0	64.4	51.8	104	04/16/2011	
N-Nitroso-di-n-propylamine	0.500		1.01	1.67	0	60.4	49.1	94.5	04/16/2011	
o-Cresol	0.500		1.16	1.67	0	69.5	43	101	04/16/2011	
Pentachlorophenol	2.00		2.13	3.33	0	64.1	42.2	102	04/16/2011	
Phenol	0.350		2.21	3.33	0	66.2	41.6	81.3	04/16/2011	
Pyridine	0.500		1.45	3.33	0	43.6	3.61	74.3	04/16/2011	
Surr: 2,4,6-Tribromophenol		S	0	1.67	0	52.1	52.1	113	04/16/2011	
Surr: 2,4,6-Tribromophenol			1.56	1.67	93.4	52.1	52.1	113	04/16/2011	
Surr: 2-Fluorobiphenyl			0.652	0.835	78.0	46.3	46.3	106	04/16/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11040728

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

Report Date: 19-Apr-11

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

Batch 67443		SampType: LCS		Units mg/Kg						
SampID: LCS-67443										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: 2-Fluorophenol		S	0	1.67		0	50.6	89	04/16/2011	
Surr: 2-Fluorophenol			0.969	1.67		58.0	50.6	89	04/16/2011	
Surr: Nitrobenzene-d5			0.444	0.835		53.1	42.4	99.2	04/16/2011	
Surr: Phenol-d5		S	0	1.67		0	55.9	98.5	04/16/2011	
Surr: Phenol-d5			1.05	1.67		63.1	55.9	98.5	04/16/2011	
Surr: p-Terphenyl-d14			0.691	0.835		82.8	45.5	115	04/16/2011	

Batch 67443		SampType: LCS		Units %REC						
SampID: LCSDRO-67443										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Surr: 2,4,6-Tribromophenol		S	0	1.67		0	52.1	113	04/16/2011	
Surr: 2-Fluorophenol		S	0	1.67		0	50.6	89	04/16/2011	
Surr: Phenol-d5		S	0	1.67		0	55.9	98.5	04/16/2011	

Batch 67443		SampType: MS		Units mg/Kg-dry						
SampID: 11040728-002AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,2,4-Trichlorobenzene	0.556		1.54	1.86	0	82.6	35.9	102	04/16/2011	
1,4-Dichlorobenzene	0.556		1.13	1.86	0	60.8	29.8	95.5	04/16/2011	
2,4,5-Trichlorophenol	0.389		2.92	3.70	0	78.9	38.6	123	04/16/2011	
2,4,6-Trichlorophenol	0.389		3.11	3.70	0	83.9	35.9	123	04/16/2011	
2,4-Dimethylphenol	0.556		2.28	3.70	0	61.4	38.3	88	04/16/2011	
2,4-Dinitrophenol	1.11		1.63	3.70	0	44.0	1.88	162	04/16/2011	
2,4-Dinitrotoluene	0.389		1.46	1.86	0	78.4	37.5	107	04/16/2011	
2-Chlorophenol	0.556		2.33	3.70	0	62.8	22.6	108	04/16/2011	
4-Chloro-3-methylphenol	0.556		2.68	3.70	0	72.2	19.3	131	04/16/2011	
4-Nitrophenol	0.389		2.32	3.70	0	62.7	27.6	123	04/16/2011	
Diethyl phthalate	0.556		2.62	3.70	0	70.7	51.7	106	04/16/2011	
Dimethyl phthalate	0.389		2.61	3.70	0	70.4	58.8	104	04/16/2011	
Di-n-butyl phthalate	0.389		1.31	1.86	0	70.2	54.3	105	04/16/2011	
Hexachlorobenzene	0.389		3.20	3.70	0	86.4	55.9	106	04/16/2011	
Hexachlorobutadiene	0.556		2.94	3.70	0	79.5	35.7	100	04/16/2011	
Hexachloroethane	0.556		2.06	3.70	0	55.7	38.9	89.9	04/16/2011	
m,p-Cresol	0.556		1.24	1.86	0	66.7	37.6	93.7	04/16/2011	
Nitrobenzene	0.556		2.36	3.70	0	63.8	51.8	104	04/16/2011	
N-Nitroso-di-n-propylamine	0.556		1.14	1.86	0	61.5	45.5	99.1	04/16/2011	
o-Cresol	0.556		1.21	1.86	0	65.2	43	101	04/16/2011	
Pentachlorophenol	2.23	J	1.5	3.70	0	39.8	18.5	113	04/16/2011	
Phenol	0.389		2.42	3.70	0	65.4	20.8	110	04/16/2011	
Pyridine	0.556		1.96	3.70	0	53.0	3.61	74.3	04/16/2011	
Surr: 2,4,6-Tribromophenol			1.46	1.86		78.8	32.7	130	04/16/2011	
Surr: 2-Fluorobiphenyl			0.617	0.929		66.4	34.1	116	04/16/2011	
Surr: 2-Fluorophenol			1.07	1.86		57.5	30.5	99	04/16/2011	
Surr: Nitrobenzene-d5			0.445	0.929		47.9	34.1	101	04/16/2011	
Surr: Phenol-d5			1.19	1.86		64.0	34.9	110	04/16/2011	
Surr: p-Terphenyl-d14			0.720	0.929		77.5	41.7	124	04/16/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040728

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

**Report Date:** 19-Apr-11

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

Batch 67443		SampType: MS		Units mg/Kg-dry						Date Analyzed
SampID: 11040728-002AMS										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Batch 67443		SampType: MSD		Units mg/Kg-dry				RPD Limit 40		Date Analyzed
SampID: 11040728-002AMSD										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
1,2,4-Trichlorobenzene	0.565		1.38	1.89	0	72.9	1.536	11.02	04/17/2011	
1,4-Dichlorobenzene	0.565		1.06	1.89	0	56.1	1.130	6.52	04/17/2011	
2,4,5-Trichlorophenol	0.395		2.87	3.76	0	76.2	2.923	1.90	04/17/2011	
2,4,6-Trichlorophenol	0.395		3.05	3.76	0	81.2	3.110	1.84	04/17/2011	
2,4-Dimethylphenol	0.565		2.29	3.76	0	60.8	2.276	0.54	04/17/2011	
2,4-Dinitrophenol	1.13		1.55	3.76	0	41.2	1.631	4.99	04/17/2011	
2,4-Dinitrotoluene	0.395		1.37	1.89	0	72.6	1.456	6.06	04/17/2011	
2-Chlorophenol	0.565		2.32	3.76	0	61.6	2.326	0.32	04/17/2011	
4-Chloro-3-methylphenol	0.565		2.67	3.76	0	70.9	2.676	0.28	04/17/2011	
4-Nitrophenol	0.395		2.25	3.76	0	59.9	2.325	3.10	04/17/2011	
Diethyl phthalate	0.565		2.48	3.76	0	66.1	2.619	5.25	04/17/2011	
Dimethyl phthalate	0.395		2.50	3.76	0	66.4	2.609	4.33	04/17/2011	
Di-n-butyl phthalate	0.395		1.33	1.89	0	70.7	1.305	2.22	04/17/2011	
Hexachlorobenzene	0.395		3.32	3.76	0	88.3	3.200	3.72	04/17/2011	
Hexachlorobutadiene	0.565		2.90	3.76	0	77.0	2.944	1.58	04/17/2011	
Hexachloroethane	0.565		1.89	3.76	0	50.3	2.064	8.61	04/17/2011	
m,p-Cresol	0.565		1.23	1.89	0	65.3	1.238	0.49	04/17/2011	
Nitrobenzene	0.565		2.45	3.76	0	65.1	2.362	3.56	04/17/2011	
N-Nitroso-di-n-propylamine	0.565		1.12	1.89	0	59.3	1.142	2.01	04/17/2011	
o-Cresol	0.565		1.28	1.89	0	67.7	1.212	5.17	04/17/2011	
Pentachlorophenol	2.26	J	1.4	3.76	0	35.8	1.473	0.00	04/17/2011	
Phenol	0.395		2.46	3.76	0	65.3	2.423	1.41	04/17/2011	
Pyridine	0.565		1.98	3.76	0	52.7	1.964	0.95	04/17/2011	
Surr: 2,4,6-Tribromophenol			1.35	1.89		71.6			04/17/2011	
Surr: 2-Fluorobiphenyl			0.564	0.943		59.8			04/17/2011	
Surr: 2-Fluorophenol			1.08	1.89		57.3			04/17/2011	
Surr: Nitrobenzene-d5			0.421	0.943		44.6			04/17/2011	
Surr: Phenol-d5			1.21	1.89		64.0			04/17/2011	
Surr: p-Terphenyl-d14			0.746	0.943		79.1			04/17/2011	

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

Batch 67478		SampType: MBLK		Units µg/Kg						Date Analyzed
SampID: MBLK-A110416-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
1,1,1,2-Tetrachloroethane	5.0		ND						04/16/2011	
1,1,1-Trichloroethane	5.0		ND						04/16/2011	
1,1,2,2-Tetrachloroethane	5.0		ND						04/16/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0		ND						04/16/2011	
1,1,2-Trichloroethane	5.0		ND						04/16/2011	
1,1-Dichloro-2-propanone	50.0		ND						04/16/2011	
1,1-Dichloroethane	5.0		ND						04/16/2011	
1,1-Dichloroethene	5.0		ND						04/16/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11040728

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

Report Date: 19-Apr-11

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

Batch 67478		SampType: MBLK		Units µg/Kg						Date Analyzed
SampID: MBLK-A110416-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
1,1-Dichloropropene	5.0		ND						04/16/2011	
1,2,3-Trichlorobenzene	5.0		ND						04/16/2011	
1,2,3-Trichloropropane	10		ND						04/16/2011	
1,2,3-Trimethylbenzene	5.0		ND						04/16/2011	
1,2,4-Trichlorobenzene	5.0		ND						04/16/2011	
1,2,4-Trimethylbenzene	5.0		ND						04/16/2011	
1,2-Dibromo-3-chloropropane	5.0		ND						04/16/2011	
1,2-Dibromoethane	5.0		ND						04/16/2011	
1,2-Dichlorobenzene	5.0		ND						04/16/2011	
1,2-Dichloroethane	5.0		ND						04/16/2011	
1,2-Dichloropropane	5.0		ND						04/16/2011	
1,3,5-Trimethylbenzene	5.0		ND						04/16/2011	
1,3-Dichlorobenzene	5.0		ND						04/16/2011	
1,3-Dichloropropane	5.0		ND						04/16/2011	
1,4-Dichlorobenzene	5.0		ND						04/16/2011	
1-Chlorobutane	5.0		ND						04/16/2011	
2,2-Dichloropropane	5.0		ND						04/16/2011	
2-Butanone	50.0		ND						04/16/2011	
2-Chlorotoluene	5.0		ND						04/16/2011	
2-Hexanone	50.0		ND						04/16/2011	
2-Nitropropane	50.0		ND						04/16/2011	
4-Chlorotoluene	5.0		ND						04/16/2011	
4-Methyl-2-pentanone	50.0		ND						04/16/2011	
Acetone	50.0		ND						04/16/2011	
Acetonitrile	100		ND						04/16/2011	
Acrolein	100		ND						04/16/2011	
Acrylonitrile	10		ND						04/16/2011	
Allyl chloride	5.0		ND						04/16/2011	
Benzene	1.0		ND						04/16/2011	
Bromobenzene	5.0		ND						04/16/2011	
Bromochloromethane	5.0		ND						04/16/2011	
Bromodichloromethane	5.0		ND						04/16/2011	
Bromoform	5.0		ND						04/16/2011	
Bromomethane	10		ND						04/16/2011	
Carbon disulfide	5.0		ND						04/16/2011	
Carbon tetrachloride	5.0		ND						04/16/2011	
Chlorobenzene	5.0		ND						04/16/2011	
Chloroethane	10		ND						04/16/2011	
Chloroform	5.0		ND						04/16/2011	
Chloromethane	10		ND						04/16/2011	
cis-1,2-Dichloroethene	5.0		ND						04/16/2011	
cis-1,3-Dichloropropene	4.0		ND						04/16/2011	
Cyclohexanone	100		ND						04/16/2011	
Dibromochloromethane	5.0		ND						04/16/2011	
Dibromomethane	5.0		ND						04/16/2011	
Dichlorodifluoromethane	10		ND						04/16/2011	
Ethyl acetate	50.0		ND						04/16/2011	

**Client:** PSC Industrial Outsourcing, LP

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**Report Date:** 19-Apr-11

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

Batch 67478		SampType: MBLK		Units µg/Kg						
SampID: MBLK-A110416-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Ethyl ether	5.0		ND						04/16/2011	
Ethyl methacrylate	5.0		ND						04/16/2011	
Ethylbenzene	5.0		ND						04/16/2011	
Heptane	20.0		ND						04/16/2011	
Hexachlorobutadiene	5.0		ND						04/16/2011	
Hexachloroethane	5.0		ND						04/16/2011	
Iodomethane	10		ND						04/16/2011	
Isopropylbenzene	5.0		ND						04/16/2011	
m,p-Xylenes	5.0		ND						04/16/2011	
Methacrylonitrile	50.0		ND						04/16/2011	
Methyl Methacrylate	5.0		ND						04/16/2011	
Methyl tert-butyl ether	2.0		ND						04/16/2011	
Methylacrylate	10		ND						04/16/2011	
Methylene chloride	5.0	J	1.2						04/16/2011	
Naphthalene	10		ND						04/16/2011	
n-Butylbenzene	5.0		ND						04/16/2011	
n-Hexane	20.0		ND						04/16/2011	
Nitrobenzene	100		ND						04/16/2011	
n-Propylbenzene	5.0		ND						04/16/2011	
o-Xylene	5.0		ND						04/16/2011	
Pentachloroethane	5.0		ND						04/16/2011	
p-Isopropyltoluene	5.0		ND						04/16/2011	
Propionitrile	50.0		ND						04/16/2011	
sec-Butylbenzene	5.0		ND						04/16/2011	
Styrene	5.0		ND						04/16/2011	
tert-Butylbenzene	5.0		ND						04/16/2011	
Tetrachloroethene	5.0		ND						04/16/2011	
Tetrahydrofuran	50.0		ND						04/16/2011	
Toluene	5.0		ND						04/16/2011	
trans-1,2-Dichloroethene	5.0		ND						04/16/2011	
trans-1,3-Dichloropropene	4.0		ND						04/16/2011	
trans-1,4-Dichloro-2-butene	10		ND						04/16/2011	
Trichloroethene	5.0		ND						04/16/2011	
Trichlorofluoromethane	5.0		ND						04/16/2011	
Vinyl acetate	50.0		ND						04/16/2011	
Vinyl chloride	2.0		ND						04/16/2011	
Xylenes, Total	5.0		ND						04/16/2011	
Surr: 1,2-Dichloroethane-d4			56.8	50.0		113.5	72.2	131	04/16/2011	
Surr: 4-Bromofluorobenzene			52.9	50.0		105.8	82.1	116	04/16/2011	
Surr: Dibromofluoromethane			53.4	50.0		106.8	77.7	120	04/16/2011	
Surr: Toluene-d8			49.4	50.0		98.9	86	116	04/16/2011	

Batch 67478		SampType: LCS		Units µg/Kg						
SampID: LCS-A110416-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,1,1,2-Tetrachloroethane	5.0		50.6	50.0	0	101.2	0	200	04/16/2011	
1,1,1-Trichloroethane	5.0		49.4	50.0	0	98.7	85.6	124	04/16/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040728

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

**Report Date:** 19-Apr-11

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

Batch 67478		SampType: LCS		Units µg/Kg						
SampID: LCS-A110416-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,1,2,2-Tetrachloroethane	5.0		45.6	50.0	0	91.2	0	200	04/16/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0		41.7	50.0	0	83.4	0	200	04/16/2011	
1,1,2-Trichloroethane	5.0		47.0	50.0	0	94.0	0	200	04/16/2011	
1,1-Dichloro-2-propanone	50.0		110	125	0	87.8	0	200	04/16/2011	
1,1-Dichloroethane	5.0		42.8	50.0	0	85.5	0	200	04/16/2011	
1,1-Dichloroethene	5.0		38.7	50.0	0	77.3	60.1	131	04/16/2011	
1,1-Dichloropropene	5.0		44.4	50.0	0	88.9	0	200	04/16/2011	
1,2,3-Trichlorobenzene	5.0		62.0	50.0	0	124.1	0	200	04/16/2011	
1,2,3-Trichloropropane	10		47.3	50.0	0	94.6	0	200	04/16/2011	
1,2,3-Trimethylbenzene	5.0		48.6	50.0	0	97.1	0	200	04/16/2011	
1,2,4-Trichlorobenzene	5.0		63.7	50.0	0	127.4	0	200	04/16/2011	
1,2,4-Trimethylbenzene	5.0		50.2	50.0	0	100.5	0	200	04/16/2011	
1,2-Dibromo-3-chloropropane	5.0		52.9	50.0	0	105.7	0	200	04/16/2011	
1,2-Dibromoethane	5.0		49.4	50.0	0	98.8	86.9	119	04/16/2011	
1,2-Dichlorobenzene	5.0		51.8	50.0	0	103.6	88	119	04/16/2011	
1,2-Dichloroethane	5.0		49.7	50.0	0	99.5	73	117	04/16/2011	
1,2-Dichloropropane	5.0		45.2	50.0	0	90.5	0	200	04/16/2011	
1,3,5-Trimethylbenzene	5.0		50.1	50.0	0	100.3	0	200	04/16/2011	
1,3-Dichlorobenzene	5.0		52.6	50.0	0	105.1	85.8	125	04/16/2011	
1,3-Dichloropropane	5.0		44.2	50.0	0	88.4	0	200	04/16/2011	
1,4-Dichlorobenzene	5.0		51.1	50.0	0	102.3	84.5	124	04/16/2011	
1-Chlorobutane	5.0		41.0	50.0	0	81.9	0	200	04/16/2011	
2,2-Dichloropropane	5.0		48.0	50.0	0	96.1	0	200	04/16/2011	
2-Butanone	50.0		111	125	0	88.5	45.3	136	04/16/2011	
2-Chlorotoluene	5.0		47.6	50.0	0	95.2	0	200	04/16/2011	
2-Hexanone	50.0		102	125	0	81.4	0	200	04/16/2011	
2-Nitropropane	50.0		494	500	0	98.8	0	200	04/16/2011	
4-Chlorotoluene	5.0		49.0	50.0	0	98.0	0	200	04/16/2011	
4-Methyl-2-pentanone	50.0		108	125	0	86.2	0	200	04/16/2011	
Acetone	50.0		124	125	0	99.1	0	200	04/16/2011	
Acetonitrile	100		408	500	0	81.7	0	200	04/16/2011	
Acrylonitrile	10		39.5	50.0	0	79.1	0	200	04/16/2011	
Allyl chloride	5.0		43.5	50.0	0	87.1	0	200	04/16/2011	
Benzene	1.0		43.2	50.0	0	86.5	73.9	109	04/16/2011	
Bromobenzene	5.0		50.8	50.0	0	101.7	0	200	04/16/2011	
Bromochloromethane	5.0		42.9	50.0	0	85.9	0	200	04/16/2011	
Bromodichloromethane	5.0		50.0	50.0	0	100	91.3	126	04/16/2011	
Bromoform	5.0		50.4	50.0	0	100.9	0	200	04/16/2011	
Bromomethane	10		31.1	50.0	0	62.2	0	200	04/16/2011	
Carbon disulfide	5.0		33.2	50.0	0	66.3	0	200	04/16/2011	
Carbon tetrachloride	5.0		51.4	50.0	0	102.7	83.3	127	04/16/2011	
Chlorobenzene	5.0		49.0	50.0	0	98.0	85.8	116	04/16/2011	
Chloroethane	10		26.3	50.0	0	52.6	0	200	04/16/2011	
Chloroform	5.0		47.7	50.0	0	95.4	80	113	04/16/2011	
Chloromethane	10		12.5	50.0	0	24.9	0	200	04/16/2011	
cis-1,2-Dichloroethene	5.0		45.3	50.0	0	90.7	0	200	04/16/2011	
cis-1,3-Dichloropropene	4.0		47.8	50.0	0	95.5	0	200	04/16/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11040728

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

Report Date: 19-Apr-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
Cyclohexanone	100		201	250	0	80.3	0	200	04/16/2011
Dibromochloromethane	5.0		50.4	50.0	0	100.7	89.1	119	04/16/2011
Dibromomethane	5.0		46.3	50.0	0	92.6	0	200	04/16/2011
Dichlorodifluoromethane	10	J	5.1	50.0	0	10.2	0	200	04/16/2011
Ethyl acetate	50.0	J	41	50.0	0	81.5	0	200	04/16/2011
Ethyl ether	5.0		41.5	50.0	0	83.1	0	200	04/16/2011
Ethyl methacrylate	5.0		42.4	50.0	0	84.9	0	200	04/16/2011
Ethylbenzene	5.0		47.2	50.0	0	94.4	84.1	115	04/16/2011
Heptane	20.0		39.7	50.0	0	79.4	0	200	04/16/2011
Hexachlorobutadiene	5.0		64.3	50.0	0	128.5	0	200	04/16/2011
Hexachloroethane	5.0		50.5	50.0	0	101.1	0	200	04/16/2011
Iodomethane	10		48.2	50.0	0	96.4	0	200	04/16/2011
Isopropylbenzene	5.0		49.3	50.0	0	98.6	0	200	04/16/2011
m,p-Xylenes	5.0		93.7	100	0	93.7	79.1	111	04/16/2011
Methacrylonitrile	50.0	J	41	50.0	0	81.1	0	200	04/16/2011
Methyl Methacrylate	5.0		43.1	50.0	0	86.2	0	200	04/16/2011
Methyl tert-butyl ether	2.0		46.3	50.0	0	92.6	80	128	04/16/2011
Methylacrylate	10		42.9	50.0	0	85.8	0	200	04/16/2011
Methylene chloride	5.0		41.6	50.0	0	83.2	73.9	116	04/16/2011
Naphthalene	10		57.3	50.0	0	114.6	73.1	135	04/16/2011
n-Butylbenzene	5.0		50.6	50.0	0	101.1	0	200	04/16/2011
n-Hexane	20.0		33.1	50.0	0	66.2	0	200	04/16/2011
Nitrobenzene	100		414	500	0	82.8	0	200	04/16/2011
n-Propylbenzene	5.0		48.6	50.0	0	97.1	0	200	04/16/2011
o-Xylene	5.0		47.6	50.0	0	95.1	82	117	04/16/2011
Pentachloroethane	5.0		52.2	50.0	0	104.4	0	200	04/16/2011
p-Isopropyltoluene	5.0		50.1	50.0	0	100.2	0	200	04/16/2011
Propionitrile	50.0		407	500	0	81.5	0	200	04/16/2011
sec-Butylbenzene	5.0		49.5	50.0	0	99.0	0	200	04/16/2011
Styrene	5.0		46.5	50.0	0	93.0	0	200	04/16/2011
tert-Butylbenzene	5.0		50.0	50.0	0	99.9	0	200	04/16/2011
Tetrachloroethene	5.0		52.0	50.0	0	104.0	74.6	115	04/16/2011
Tetrahydrofuran	50.0	J	42	50.0	0	83.5	0	200	04/16/2011
Toluene	5.0		40.9	50.0	0	81.8	79.1	112	04/16/2011
trans-1,2-Dichloroethene	5.0		42.9	50.0	0	85.8	0	200	04/16/2011
trans-1,3-Dichloropropene	4.0		46.6	50.0	0	93.2	0	200	04/16/2011
trans-1,4-Dichloro-2-butene	10		44.7	50.0	0	89.5	0	200	04/16/2011
Trichloroethene	5.0		51.7	50.0	0	103.4	81	111	04/16/2011
Trichlorofluoromethane	5.0		39.0	50.0	0	77.9	0	200	04/16/2011
Vinyl acetate	50.0	J	43	50.0	0	86.4	0	200	04/16/2011
Vinyl chloride	2.0		19.0	50.0	0	37.9	0	200	04/16/2011
Xylenes, Total	5.0		141	150	0	94.2	79.1	117	04/16/2011
Surr: 1,2-Dichloroethane-d4			52.8	50.0		105.5	72.2	131	04/16/2011
Surr: 4-Bromofluorobenzene			52.6	50.0		105.3	82.1	116	04/16/2011
Surr: Dibromofluoromethane			53.2	50.0		106.4	77.7	120	04/16/2011
Surr: Toluene-d8			47.6	50.0		95.2	86	116	04/16/2011

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040728

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

**Report Date:** 19-Apr-11

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

Batch 67478		SampType: LCSD		Units µg/Kg				RPD Limit 40		Date Analyzed
SampID: LCSD-A110416-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
1,1,1,2-Tetrachloroethane	5.0		50.6	50.0	0	101.2	50.58	0.02	04/16/2011	
1,1,1-Trichloroethane	5.0		49.5	50.0	0	99.1	49.35	0.36	04/16/2011	
1,1,2,2-Tetrachloroethane	5.0		46.1	50.0	0	92.1	45.62	0.98	04/16/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0		42.0	50.0	0	84.1	41.68	0.84	04/16/2011	
1,1,2-Trichloroethane	5.0		47.0	50.0	0	94.0	47.02	0.02	04/16/2011	
1,1-Dichloro-2-propanone	50.0		115	125	0	91.8	109.8	4.47	04/16/2011	
1,1-Dichloroethane	5.0		42.7	50.0	0	85.4	42.77	0.21	04/16/2011	
1,1-Dichloroethene	5.0		38.1	50.0	0	76.2	38.66	1.49	04/16/2011	
1,1-Dichloropropene	5.0		44.7	50.0	0	89.4	44.44	0.58	04/16/2011	
1,2,3-Trichlorobenzene	5.0		62.0	50.0	0	123.9	62.04	0.13	04/16/2011	
1,2,3-Trichloropropane	10		47.5	50.0	0	94.9	47.28	0.38	04/16/2011	
1,2,3-Trimethylbenzene	5.0		48.3	50.0	0	96.6	48.57	0.60	04/16/2011	
1,2,4-Trichlorobenzene	5.0		62.6	50.0	0	125.3	63.70	1.68	04/16/2011	
1,2,4-Trimethylbenzene	5.0		50.3	50.0	0	100.6	50.24	0.10	04/16/2011	
1,2-Dibromo-3-chloropropane	5.0		53.6	50.0	0	107.3	52.87	1.45	04/16/2011	
1,2-Dibromoethane	5.0		48.6	50.0	0	97.2	49.40	1.63	04/16/2011	
1,2-Dichlorobenzene	5.0		51.8	50.0	0	103.5	51.79	0.08	04/16/2011	
1,2-Dichloroethane	5.0		49.8	50.0	0	99.6	49.73	0.10	04/16/2011	
1,2-Dichloropropane	5.0		44.9	50.0	0	89.8	45.24	0.73	04/16/2011	
1,3,5-Trimethylbenzene	5.0		50.4	50.0	0	100.8	50.14	0.54	04/16/2011	
1,3-Dichlorobenzene	5.0		51.6	50.0	0	103.3	52.56	1.79	04/16/2011	
1,3-Dichloropropane	5.0		44.0	50.0	0	88.0	44.21	0.43	04/16/2011	
1,4-Dichlorobenzene	5.0		50.1	50.0	0	100.2	51.14	2.05	04/16/2011	
1-Chlorobutane	5.0		40.7	50.0	0	81.4	40.95	0.59	04/16/2011	
2,2-Dichloropropane	5.0		48.0	50.0	0	96.0	48.04	0.04	04/16/2011	
2-Butanone	50.0		108	125	0	86.7	110.6	2.03	04/16/2011	
2-Chlorotoluene	5.0		47.7	50.0	0	95.4	47.62	0.21	04/16/2011	
2-Hexanone	50.0		100	125	0	80.4	101.7	1.23	04/16/2011	
2-Nitropropane	50.0		487	500	0	97.4	493.8	1.41	04/16/2011	
4-Chlorotoluene	5.0		49.0	50.0	0	97.9	49.01	0.12	04/16/2011	
4-Methyl-2-pentanone	50.0		107	125	0	86.0	107.7	0.21	04/16/2011	
Acetone	50.0		122	125	0	97.6	123.8	1.46	04/16/2011	
Acetonitrile	100		395	500	0	78.9	408.4	3.43	04/16/2011	
Acrylonitrile	10		39.2	50.0	0	78.4	39.54	0.89	04/16/2011	
Allyl chloride	5.0		43.7	50.0	0	87.4	43.53	0.41	04/16/2011	
Benzene	1.0		43.0	50.0	0	86.1	43.24	0.46	04/16/2011	
Bromobenzene	5.0		50.2	50.0	0	100.4	50.83	1.21	04/16/2011	
Bromochloromethane	5.0		43.0	50.0	0	86.0	42.94	0.09	04/16/2011	
Bromodichloromethane	5.0		49.8	50.0	0	99.7	49.98	0.28	04/16/2011	
Bromoform	5.0		50.5	50.0	0	101.0	50.43	0.18	04/16/2011	
Bromomethane	10		30.7	50.0	0	61.4	31.12	1.29	04/16/2011	
Carbon disulfide	5.0		33.0	50.0	0	65.9	33.16	0.60	04/16/2011	
Carbon tetrachloride	5.0		51.3	50.0	0	102.6	51.35	0.08	04/16/2011	
Chlorobenzene	5.0		48.6	50.0	0	97.1	49.01	0.90	04/16/2011	
Chloroethane	10		26.4	50.0	0	52.7	26.31	0.19	04/16/2011	
Chloroform	5.0		47.4	50.0	0	94.8	47.72	0.69	04/16/2011	
Chloromethane	10		11.8	50.0	0	23.6	12.47	5.61	04/16/2011	



**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040728

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

**Report Date:** 19-Apr-11

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

Batch 67478	SampType: LCSD	Units µg/Kg					RPD Limit 40			
SampID: LCSD-A110416-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
cis-1,2-Dichloroethene	5.0		45.4	50.0	0	90.8	45.33	0.20	04/16/2011	
cis-1,3-Dichloropropene	4.0		47.5	50.0	0	95.0	47.77	0.61	04/16/2011	
Cyclohexanone	100		199	250	0	79.7	200.8	0.81	04/16/2011	
Dibromochloromethane	5.0		50.9	50.0	0	101.8	50.37	1.09	04/16/2011	
Dibromomethane	5.0		46.6	50.0	0	93.2	46.32	0.56	04/16/2011	
Dichlorodifluoromethane	10	J	5.0	50.0	0	9.9	5.080	0.00	04/16/2011	
Ethyl acetate	50.0	J	41	50.0	0	82.2	40.73	0.00	04/16/2011	
Ethyl ether	5.0		40.8	50.0	0	81.5	41.54	1.92	04/16/2011	
Ethyl methacrylate	5.0		42.3	50.0	0	84.7	42.43	0.21	04/16/2011	
Ethylbenzene	5.0		47.0	50.0	0	93.9	47.18	0.49	04/16/2011	
Heptane	20.0		40.6	50.0	0	81.3	39.71	2.29	04/16/2011	
Hexachlorobutadiene	5.0		63.8	50.0	0	127.7	64.27	0.66	04/16/2011	
Hexachloroethane	5.0		49.5	50.0	0	99.0	50.54	2.06	04/16/2011	
Iodomethane	10		49.2	50.0	0	98.4	48.18	2.09	04/16/2011	
Isopropylbenzene	5.0		49.0	50.0	0	98.0	49.32	0.69	04/16/2011	
m,p-Xylenes	5.0		91.8	100	0	91.8	93.69	2.02	04/16/2011	
Methacrylonitrile	50.0	J	40	50.0	0	80.5	40.56	0.00	04/16/2011	
Methyl Methacrylate	5.0		42.6	50.0	0	85.1	43.08	1.24	04/16/2011	
Methyl tert-butyl ether	2.0		46.3	50.0	0	92.6	46.32	0.04	04/16/2011	
Methylacrylate	10		42.9	50.0	0	85.7	42.91	0.12	04/16/2011	
Methylene chloride	5.0		41.5	50.0	0	83.0	41.62	0.34	04/16/2011	
Naphthalene	10		56.9	50.0	0	113.9	57.29	0.61	04/16/2011	
n-Butylbenzene	5.0		50.1	50.0	0	100.1	50.56	0.97	04/16/2011	
n-Hexane	20.0		34.1	50.0	0	68.3	33.12	3.00	04/16/2011	
Nitrobenzene	100		407	500	0	81.4	413.9	1.70	04/16/2011	
n-Propylbenzene	5.0		48.1	50.0	0	96.3	48.56	0.87	04/16/2011	
o-Xylene	5.0		47.4	50.0	0	94.8	47.56	0.38	04/16/2011	
Pentachloroethane	5.0		50.7	50.0	0	101.4	52.21	2.95	04/16/2011	
p-Isopropyltoluene	5.0		50.0	50.0	0	100.1	50.12	0.16	04/16/2011	
Propionitrile	50.0		408	500	0	81.6	407.4	0.15	04/16/2011	
sec-Butylbenzene	5.0		49.9	50.0	0	99.7	49.50	0.74	04/16/2011	
Styrene	5.0		46.3	50.0	0	92.6	46.52	0.47	04/16/2011	
tert-Butylbenzene	5.0		50.1	50.0	0	100.1	49.95	0.24	04/16/2011	
Tetrachloroethene	5.0		52.0	50.0	0	104.1	51.98	0.12	04/16/2011	
Tetrahydrofuran	50.0	J	42	50.0	0	83.3	41.76	0.00	04/16/2011	
Toluene	5.0		41.0	50.0	0	82.0	40.90	0.27	04/16/2011	
trans-1,2-Dichloroethene	5.0		42.6	50.0	0	85.3	42.89	0.61	04/16/2011	
trans-1,3-Dichloropropene	4.0		45.7	50.0	0	91.4	46.58	1.89	04/16/2011	
trans-1,4-Dichloro-2-butene	10		44.2	50.0	0	88.4	44.73	1.19	04/16/2011	
Trichloroethene	5.0		52.1	50.0	0	104.3	51.72	0.79	04/16/2011	
Trichlorofluoromethane	5.0		38.9	50.0	0	77.7	38.96	0.23	04/16/2011	
Vinyl acetate	50.0	J	42	50.0	0	84.1	43.19	0.00	04/16/2011	
Vinyl chloride	2.0		18.4	50.0	0	36.8	18.95	3.05	04/16/2011	
Xylenes, Total	5.0		139	150	0	92.8	141.2	1.46	04/16/2011	
Surr: 1,2-Dichloroethane-d4			52.5	50.0		105.0			04/16/2011	
Surr: 4-Bromofluorobenzene			51.5	50.0		103.1			04/16/2011	
Surr: Dibromofluoromethane			52.7	50.0		105.4			04/16/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11040728

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

Report Date: 19-Apr-11

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

Batch 67478		SampType: LCSD		Units µg/Kg				RPD Limit 40		Date Analyzed
SampID: LCSD-A110416-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Surr: Toluene-d8			47.3	50.0		94.6			04/16/2011	

Batch 67498		SampType: MBLK		Units µg/Kg				RPD Limit 40		Date Analyzed
SampID: MBLK-A110418-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
1,1,1,2-Tetrachloroethane	5.00		ND						04/18/2011	
1,1,1-Trichloroethane	5.00		ND						04/18/2011	
1,1,1,2-Tetrachloroethane	5.00		ND						04/18/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.00		ND						04/18/2011	
1,1,2-Trichloroethane	5.00		ND						04/18/2011	
1,1-Dichloro-2-propanone	50.0		ND						04/18/2011	
1,1-Dichloroethane	5.00		ND						04/18/2011	
1,1-Dichloroethene	5.00		ND						04/18/2011	
1,1-Dichloropropene	5.00		ND						04/18/2011	
1,2,3-Trichlorobenzene	5.00		ND						04/18/2011	
1,2,3-Trichloropropane	10.0		ND						04/18/2011	
1,2,3-Trimethylbenzene	5.00		ND						04/18/2011	
1,2,4-Trichlorobenzene	5.00		ND						04/18/2011	
1,2,4-Trimethylbenzene	5.00		ND						04/18/2011	
1,2-Dibromo-3-chloropropane	5.00		ND						04/18/2011	
1,2-Dibromoethane	5.00		ND						04/18/2011	
1,2-Dichlorobenzene	5.00		ND						04/18/2011	
1,2-Dichloroethane	5.00		ND						04/18/2011	
1,2-Dichloropropane	5.00		ND						04/18/2011	
1,3,5-Trimethylbenzene	5.00		ND						04/18/2011	
1,3-Dichlorobenzene	5.00		ND						04/18/2011	
1,3-Dichloropropane	5.00		ND						04/18/2011	
1,4-Dichlorobenzene	5.00		ND						04/18/2011	
1-Chlorobutane	5.00		ND						04/18/2011	
2,2-Dichloropropane	5.00		ND						04/18/2011	
2-Butanone	50.0		ND						04/18/2011	
2-Chlorotoluene	5.00		ND						04/18/2011	
2-Hexanone	50.0		ND						04/18/2011	
2-Nitropropane	50.0		ND						04/18/2011	
4-Chlorotoluene	5.00		ND						04/18/2011	
4-Methyl-2-pentanone	50.0		ND						04/18/2011	
Acetone	50.0		ND						04/18/2011	
Acetonitrile	100		ND						04/18/2011	
Acrolein	100		ND						04/18/2011	
Acrylonitrile	10.0		ND						04/18/2011	
Allyl chloride	5.00		ND						04/18/2011	
Benzene	1.00		ND						04/18/2011	
Bromobenzene	5.00		ND						04/18/2011	
Bromochloromethane	5.00		ND						04/18/2011	
Bromodichloromethane	5.00		ND						04/18/2011	
Bromoform	5.00		ND						04/18/2011	
Bromomethane	10.0		ND						04/18/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11040728

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

Report Date: 19-Apr-11

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

Batch 67498		SampType: MBLK		Units µg/Kg						Date Analyzed
SampID: MBLK-A110418-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Carbon disulfide	5.00		ND						04/18/2011	
Carbon tetrachloride	5.00		ND						04/18/2011	
Chlorobenzene	5.00		ND						04/18/2011	
Chloroethane	10.0		ND						04/18/2011	
Chloroform	5.00		ND						04/18/2011	
Chloromethane	10.0		ND						04/18/2011	
cis-1,2-Dichloroethene	5.00		ND						04/18/2011	
cis-1,3-Dichloropropene	4.00		ND						04/18/2011	
Cyclohexanone	100		ND						04/18/2011	
Dibromochloromethane	5.00		ND						04/18/2011	
Dibromomethane	5.00		ND						04/18/2011	
Dichlorodifluoromethane	10.0		ND						04/18/2011	
Ethyl acetate	50.0		ND						04/18/2011	
Ethyl ether	5.00		ND						04/18/2011	
Ethyl methacrylate	5.00		ND						04/18/2011	
Ethylbenzene	5.00		ND						04/18/2011	
Heptane	20.0		ND						04/18/2011	
Hexachlorobutadiene	5.00		ND						04/18/2011	
Hexachloroethane	5.00		ND						04/18/2011	
Iodomethane	10.0		ND						04/18/2011	
Isopropylbenzene	5.00		ND						04/18/2011	
m,p-Xylenes	5.00		ND						04/18/2011	
Methacrylonitrile	50.0		ND						04/18/2011	
Methyl Methacrylate	5.00		ND						04/18/2011	
Methyl tert-butyl ether	2.00		ND						04/18/2011	
Methylacrylate	10.0		ND						04/18/2011	
Methylene chloride	5.00		ND						04/18/2011	
Naphthalene	10.0		ND						04/18/2011	
n-Butylbenzene	5.00		ND						04/18/2011	
n-Hexane	20.0		ND						04/18/2011	
Nitrobenzene	100		ND						04/18/2011	
n-Propylbenzene	5.00		ND						04/18/2011	
o-Xylene	5.00		ND						04/18/2011	
Pentachloroethane	5.00		ND						04/18/2011	
p-Isopropyltoluene	5.00		ND						04/18/2011	
Propionitrile	50.0		ND						04/18/2011	
sec-Butylbenzene	5.00		ND						04/18/2011	
Styrene	5.00		ND						04/18/2011	
tert-Butylbenzene	5.00		ND						04/18/2011	
Tetrachloroethene	5.00		ND						04/18/2011	
Tetrahydrofuran	50.0		ND						04/18/2011	
Toluene	5.00		ND						04/18/2011	
trans-1,2-Dichloroethene	5.00		ND						04/18/2011	
trans-1,3-Dichloropropene	4.00		ND						04/18/2011	
trans-1,4-Dichloro-2-butene	10.0		ND						04/18/2011	
Trichloroethene	5.00		ND						04/18/2011	
Trichlorofluoromethane	5.00		ND						04/18/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040728

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

**Report Date:** 19-Apr-11

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

Batch 67498		SampType: MBLK		Units µg/Kg					
SampID: MBLK-A110418-1									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Vinyl acetate	50.0		ND						04/18/2011
Vinyl chloride	2.00		ND						04/18/2011
Xylenes, Total	5.00		ND						04/18/2011
Gasoline Range Organics (OA-1)	1000		ND						04/18/2011
Surr: 1,2-Dichloroethane-d4			57.5	50.0		115.0	72.2	131	04/18/2011
Surr: 4-Bromofluorobenzene			53.6	50.0		107.2	82.1	116	04/18/2011
Surr: Dibromofluoromethane			53.2	50.0		106.4	77.7	120	04/18/2011
Surr: Toluene-d8			49.1	50.0		98.2	86	116	04/18/2011

Batch 67498		SampType: LCS		Units µg/Kg					
SampID: LCS-A110418-1									
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed
1,1,1,2-Tetrachloroethane	5.00		49.4	50.0	0	98.9	0	200	04/18/2011
1,1,1-Trichloroethane	5.00		48.2	50.0	0	96.5	85.8	124	04/18/2011
1,1,2,2-Tetrachloroethane	5.00		44.7	50.0	0	89.5	0	200	04/18/2011
1,1,2-Trichloro-1,2,2-trifluoroethane	5.00		40.4	50.0	0	80.8	0	200	04/18/2011
1,1,2-Trichloroethane	5.00		45.8	50.0	0	91.7	0	200	04/18/2011
1,1-Dichloro-2-propanone	50.0		118	125	0	94.6	0	200	04/18/2011
1,1-Dichloroethane	5.00		41.5	50.0	0	83.1	0	200	04/18/2011
1,1-Dichloroethene	5.00		37.2	50.0	0	74.5	60.1	131	04/18/2011
1,1-Dichloropropene	5.00		43.7	50.0	0	87.5	0	200	04/18/2011
1,2,3-Trichlorobenzene	5.00		61.2	50.0	0	122.5	0	200	04/18/2011
1,2,3-Trichloropropane	10.0		47.2	50.0	0	94.4	0	200	04/18/2011
1,2,3-Trimethylbenzene	5.00		47.1	50.0	0	94.1	0	200	04/18/2011
1,2,4-Trichlorobenzene	5.00		63.0	50.0	0	125.9	0	200	04/18/2011
1,2,4-Trimethylbenzene	5.00		49.1	50.0	0	98.2	0	200	04/18/2011
1,2-Dibromo-3-chloropropane	5.00		54.7	50.0	0	109.3	0	200	04/18/2011
1,2-Dibromoethane	5.00		48.3	50.0	0	96.6	86.9	119	04/18/2011
1,2-Dichlorobenzene	5.00		50.6	50.0	0	101.2	88	119	04/18/2011
1,2-Dichloroethane	5.00		48.5	50.0	0	97.1	73	117	04/18/2011
1,2-Dichloropropane	5.00		43.6	50.0	0	87.1	0	200	04/18/2011
1,3,5-Trimethylbenzene	5.00		49.3	50.0	0	98.6	0	200	04/18/2011
1,3-Dichlorobenzene	5.00		51.0	50.0	0	102.0	85.8	125	04/18/2011
1,3-Dichloropropane	5.00		43.4	50.0	0	86.7	0	200	04/18/2011
1,4-Dichlorobenzene	5.00		49.8	50.0	0	99.6	84.5	124	04/18/2011
1-Chlorobutane	5.00		39.8	50.0	0	79.5	0	200	04/18/2011
2,2-Dichloropropane	5.00		47.4	50.0	0	94.7	0	200	04/18/2011
2-Butanone	50.0		112	125	0	89.2	45.3	136	04/18/2011
2-Chlorotoluene	5.00		46.5	50.0	0	93.0	0	200	04/18/2011
2-Hexanone	50.0		104	125	0	83.0	0	200	04/18/2011
2-Nitropropane	50.0		510	500	0	102.0	0	200	04/18/2011
4-Chlorotoluene	5.00		47.6	50.0	0	95.2	0	200	04/18/2011
4-Methyl-2-pentanone	50.0		112	125	0	89.4	0	200	04/18/2011
Acetone	50.0		125	125	0	100.3	0	200	04/18/2011
Acetonitrile	100		412	500	0	82.4	0	200	04/18/2011
Acrylonitrile	10.0		38.7	50.0	0	77.5	0	200	04/18/2011
Allyl chloride	5.00		42.0	50.0	0	83.9	0	200	04/18/2011

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040728

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

**Report Date:** 19-Apr-11

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

Batch 67498		SampType: LCS		Units µg/Kg						
SampID: LCS-A110418-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Benzene	1.00		41.8	50.0	0	83.6	73.9	109	04/18/2011	
Bromobenzene	5.00		48.5	50.0	0	97.0	0	200	04/18/2011	
Bromochloromethane	5.00		42.3	50.0	0	84.6	0	200	04/18/2011	
Bromodichloromethane	5.00		48.6	50.0	0	97.2	91.3	126	04/18/2011	
Bromoform	5.00		50.6	50.0	0	101.1	0	200	04/18/2011	
Bromomethane	10.0		29.5	50.0	0	59.1	0	200	04/18/2011	
Carbon disulfide	5.00		31.3	50.0	0	62.6	0	200	04/18/2011	
Carbon tetrachloride	5.00		50.2	50.0	0	100.3	83.3	127	04/18/2011	
Chlorobenzene	5.00		47.4	50.0	0	94.9	85.8	116	04/18/2011	
Chloroethane	10.0		25.1	50.0	0	50.1	0	200	04/18/2011	
Chloroform	5.00		46.5	50.0	0	92.9	80	113	04/18/2011	
Chloromethane	10.0		11.0	50.0	0	22.0	0	200	04/18/2011	
cis-1,2-Dichloroethene	5.00		44.0	50.0	0	88.1	0	200	04/18/2011	
cis-1,3-Dichloropropene	4.00		46.4	50.0	0	92.8	0	200	04/18/2011	
Cyclohexanone	100		205	250	0	82.1	0	200	04/18/2011	
Dibromochloromethane	5.00		50.2	50.0	0	100.3	89.1	119	04/18/2011	
Dibromomethane	5.00		45.9	50.0	0	91.7	0	200	04/18/2011	
Dichlorodifluoromethane	10.0	J	4.0	50.0	0	8.0	0	200	04/18/2011	
Ethyl acetate	50.0	J	42	50.0	0	83.5	0	200	04/18/2011	
Ethyl ether	5.00		40.1	50.0	0	80.2	0	200	04/18/2011	
Ethyl methacrylate	5.00		42.3	50.0	0	84.5	0	200	04/18/2011	
Ethylbenzene	5.00		46.1	50.0	0	92.1	84.1	115	04/18/2011	
Heptane	20.0		39.4	50.0	0	78.8	0	200	04/18/2011	
Hexachlorobutadiene	5.00		62.8	50.0	0	125.7	0	200	04/18/2011	
Hexachloroethane	5.00		47.9	50.0	0	95.7	0	200	04/18/2011	
Iodomethane	10.0		47.4	50.0	0	94.9	0	200	04/18/2011	
Isopropylbenzene	5.00		47.8	50.0	0	95.5	0	200	04/18/2011	
m,p-Xylenes	5.00		91.3	100	0	91.3	79.1	111	04/18/2011	
Methacrylonitrile	50.0	J	41	50.0	0	82.3	0	200	04/18/2011	
Methyl Methacrylate	5.00		44.2	50.0	0	88.3	0	200	04/18/2011	
Methyl tert-butyl ether	2.00		46.2	50.0	0	92.5	80	128	04/18/2011	
Methylacrylate	10.0		43.9	50.0	0	87.8	0	200	04/18/2011	
Methylene chloride	5.00		39.3	50.0	0	78.7	73.9	116	04/18/2011	
Naphthalene	10.0		58.0	50.0	0	116.0	73.1	135	04/18/2011	
n-Butylbenzene	5.00		49.1	50.0	0	98.3	0	200	04/18/2011	
n-Hexane	20.0		31.9	50.0	0	63.8	0	200	04/18/2011	
Nitrobenzene	100		443	500	0	88.7	0	200	04/18/2011	
n-Propylbenzene	5.00		47.0	50.0	0	94.1	0	200	04/18/2011	
o-Xylene	5.00		47.2	50.0	0	94.4	82	117	04/18/2011	
Pentachloroethane	5.00		50.9	50.0	0	101.8	0	200	04/18/2011	
p-Isopropyltoluene	5.00		48.8	50.0	0	97.6	0	200	04/18/2011	
Propionitrile	50.0		419	500	0	83.8	0	200	04/18/2011	
sec-Butylbenzene	5.00		48.2	50.0	0	96.4	0	200	04/18/2011	
Styrene	5.00		45.9	50.0	0	91.7	0	200	04/18/2011	
tert-Butylbenzene	5.00		48.4	50.0	0	96.7	0	200	04/18/2011	
Tetrachloroethene	5.00		50.5	50.0	0	101.0	74.6	115	04/18/2011	
Tetrahydrofuran	50.0	J	44	50.0	0	87.8	0	200	04/18/2011	

Client: PSC Industrial Outsourcing, LP

Work Order: 11040728

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

Report Date: 19-Apr-11

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

Batch 67498		SampType: LCS		Units µg/Kg				RPD Limit 40		Date Analyzed
SampID: LCS-A110418-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit		
Toluene	5.00		40.2	50.0	0	80.4	79.1	112	04/18/2011	
trans-1,2-Dichloroethene	5.00		41.5	50.0	0	82.9	0	200	04/18/2011	
trans-1,3-Dichloropropene	4.00		45.4	50.0	0	90.9	0	200	04/18/2011	
trans-1,4-Dichloro-2-butene	10.0		44.1	50.0	0	88.2	0	200	04/18/2011	
Trichloroethene	5.00		50.7	50.0	0	101.4	81	111	04/18/2011	
Trichlorofluoromethane	5.00		37.6	50.0	0	75.2	0	200	04/18/2011	
Vinyl acetate	50.0	J	43	50.0	0	85.5	0	200	04/18/2011	
Vinyl chloride	2.00		17.0	50.0	0	33.9	0	200	04/18/2011	
Xylenes, Total	5.00		138	150	0	92.3	79.1	117	04/18/2011	
Surr: 1,2-Dichloroethane-d4			54.3	50.0		108.7	72.2	131	04/18/2011	
Surr: 4-Bromofluorobenzene			52.9	50.0		105.8	82.1	116	04/18/2011	
Surr: Dibromofluoromethane			53.7	50.0		107.4	77.7	120	04/18/2011	
Surr: Toluene-d8			47.5	50.0		95.0	86	116	04/18/2011	

Batch 67498		SampType: LCSD		Units µg/Kg				RPD Limit 40		Date Analyzed
SampID: LCSD-A110418-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
1,1,1,2-Tetrachloroethane	5.00		52.0	50.0	0	104.0	49.43	5.05	04/18/2011	
1,1,1-Trichloroethane	5.00		50.7	50.0	0	101.4	48.25	4.95	04/18/2011	
1,1,2,2-Tetrachloroethane	5.00		46.2	50.0	0	92.5	44.73	3.30	04/18/2011	
1,1,2-Trichloro-1,2,2-trifluoroethane	5.00		41.6	50.0	0	83.2	40.40	2.88	04/18/2011	
1,1,2-Trichloroethane	5.00		47.2	50.0	0	94.3	45.84	2.86	04/18/2011	
1,1-Dichloro-2-propanone	50.0		115	125	0	92.2	118.2	2.49	04/18/2011	
1,1-Dichloroethane	5.00		43.3	50.0	0	86.6	41.53	4.13	04/18/2011	
1,1-Dichloroethene	5.00		38.5	50.0	0	77.0	37.25	3.30	04/18/2011	
1,1-Dichloropropene	5.00		45.1	50.0	0	90.3	43.73	3.17	04/18/2011	
1,2,3-Trichlorobenzene	5.00		62.5	50.0	0	125.0	61.25	2.02	04/18/2011	
1,2,3-Trichloropropane	10.0		48.6	50.0	0	97.1	47.18	2.90	04/18/2011	
1,2,3-Trimethylbenzene	5.00		49.3	50.0	0	98.6	47.06	4.65	04/18/2011	
1,2,4-Trichlorobenzene	5.00		63.3	50.0	0	126.7	62.97	0.57	04/18/2011	
1,2,4-Trimethylbenzene	5.00		50.5	50.0	0	100.9	49.11	2.71	04/18/2011	
1,2-Dibromo-3-chloropropane	5.00		53.9	50.0	0	107.8	54.66	1.42	04/18/2011	
1,2-Dibromoethane	5.00		49.6	50.0	0	99.1	48.31	2.55	04/18/2011	
1,2-Dichlorobenzene	5.00		52.4	50.0	0	104.7	50.61	3.42	04/18/2011	
1,2-Dichloroethane	5.00		51.0	50.0	0	102.0	48.53	4.92	04/18/2011	
1,2-Dichloropropane	5.00		45.2	50.0	0	90.4	43.56	3.67	04/18/2011	
1,3,5-Trimethylbenzene	5.00		51.0	50.0	0	102.1	49.29	3.47	04/18/2011	
1,3-Dichlorobenzene	5.00		53.3	50.0	0	106.5	50.98	4.39	04/18/2011	
1,3-Dichloropropane	5.00		44.7	50.0	0	89.5	43.37	3.11	04/18/2011	
1,4-Dichlorobenzene	5.00		51.8	50.0	0	103.7	49.81	3.97	04/18/2011	
1-Chlorobutane	5.00		40.8	50.0	0	81.6	39.76	2.61	04/18/2011	
2,2-Dichloropropane	5.00		48.8	50.0	0	97.7	47.37	3.04	04/18/2011	
2-Butanone	50.0		111	125	0	88.8	111.5	0.54	04/18/2011	
2-Chlorotoluene	5.00		48.6	50.0	0	97.3	46.51	4.46	04/18/2011	
2-Hexanone	50.0		102	125	0	81.8	103.8	1.52	04/18/2011	
2-Nitropropane	50.0		505	500	0	101.0	509.8	0.96	04/18/2011	
4-Chlorotoluene	5.00		49.7	50.0	0	99.3	47.59	4.28	04/18/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040728

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

**Report Date:** 19-Apr-11

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

Batch 67498	SampType: LCSD	Units µg/Kg						RPD Limit 40		Date Analyzed
SampID: LCSD-A110418-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD		
4-Methyl-2-pentanone	50.0		110	125	0	87.9	111.7	1.62	04/18/2011	
Acetone	50.0		125	125	0	100	125.4	0.30	04/18/2011	
Acetonitrile	100		407	500	0	81.3	412.1	1.37	04/18/2011	
Acrylonitrile	10.0		38.7	50.0	0	77.4	38.74	0.13	04/18/2011	
Allyl chloride	5.00		43.8	50.0	0	87.7	41.95	4.41	04/18/2011	
Benzene	1.00		43.2	50.0	0	86.4	41.79	3.29	04/18/2011	
Bromobenzene	5.00		50.8	50.0	0	101.7	48.50	4.71	04/18/2011	
Bromochloromethane	5.00		43.5	50.0	0	87.1	42.31	2.84	04/18/2011	
Bromodichloromethane	5.00		50.7	50.0	0	101.4	48.59	4.21	04/18/2011	
Bromoform	5.00		50.9	50.0	0	101.9	50.57	0.73	04/18/2011	
Bromomethane	10.0		31.1	50.0	0	62.2	29.54	5.11	04/18/2011	
Carbon disulfide	5.00		32.6	50.0	0	65.3	31.28	4.29	04/18/2011	
Carbon tetrachloride	5.00		52.8	50.0	0	105.6	50.17	5.11	04/18/2011	
Chlorobenzene	5.00		49.4	50.0	0	98.8	47.43	4.11	04/18/2011	
Chloroethane	10.0		26.1	50.0	0	52.2	25.07	4.03	04/18/2011	
Chloroform	5.00		48.4	50.0	0	96.7	46.47	3.99	04/18/2011	
Chloromethane	10.0		11.2	50.0	0	22.4	11.02	1.71	04/18/2011	
cis-1,2-Dichloroethene	5.00		45.5	50.0	0	91.1	44.04	3.33	04/18/2011	
cis-1,3-Dichloropropene	4.00		48.5	50.0	0	97.1	46.41	4.47	04/18/2011	
Cyclohexanone	100		202	250	0	80.7	205.2	1.61	04/18/2011	
Dibromochloromethane	5.00		51.3	50.0	0	102.6	50.17	2.25	04/18/2011	
Dibromomethane	5.00		47.4	50.0	0	94.8	45.86	3.32	04/18/2011	
Dichlorodifluoromethane	10.0	J	4.1	50.0	0	8.3	4.020	0.00	04/18/2011	
Ethyl acetate	50.0	J	41	50.0	0	82.2	41.76	0.00	04/18/2011	
Ethyl ether	5.00		40.9	50.0	0	81.8	40.11	1.93	04/18/2011	
Ethyl methacrylate	5.00		43.3	50.0	0	86.6	42.27	2.41	04/18/2011	
Ethylbenzene	5.00		47.8	50.0	0	95.6	46.07	3.71	04/18/2011	
Heptane	20.0		40.9	50.0	0	81.8	39.42	3.64	04/18/2011	
Hexachlorobutadiene	5.00		64.8	50.0	0	129.7	62.85	3.13	04/18/2011	
Hexachloroethane	5.00		51.2	50.0	0	102.4	47.86	6.78	04/18/2011	
Iodomethane	10.0		50.2	50.0	0	100.3	47.43	5.57	04/18/2011	
Isopropylbenzene	5.00		50.0	50.0	0	100	47.75	4.56	04/18/2011	
m,p-Xylenes	5.00		93.6	100	0	93.6	91.31	2.51	04/18/2011	
Methacrylonitrile	50.0	J	42	50.0	0	83.3	41.15	0.00	04/18/2011	
Methyl Methacrylate	5.00		43.4	50.0	0	86.9	44.15	1.62	04/18/2011	
Methyl tert-butyl ether	2.00		46.6	50.0	0	93.2	46.24	0.75	04/18/2011	
Methylacrylate	10.0		43.3	50.0	0	86.6	43.92	1.40	04/18/2011	
Methylene chloride	5.00		41.3	50.0	0	82.5	39.33	4.81	04/18/2011	
Naphthalene	10.0		57.8	50.0	0	115.7	58.00	0.28	04/18/2011	
n-Butylbenzene	5.00		51.1	50.0	0	102.2	49.13	3.97	04/18/2011	
n-Hexane	20.0		33.5	50.0	0	66.9	31.92	4.74	04/18/2011	
Nitrobenzene	100		420	500	0	83.9	443.4	5.52	04/18/2011	
n-Propylbenzene	5.00		48.8	50.0	0	97.6	47.03	3.69	04/18/2011	
o-Xylene	5.00		48.5	50.0	0	97.0	47.19	2.74	04/18/2011	
Pentachloroethane	5.00		52.8	50.0	0	105.7	50.91	3.70	04/18/2011	
p-Isopropyltoluene	5.00		51.0	50.0	0	102.0	48.82	4.33	04/18/2011	
Propionitrile	50.0		409	500	0	81.8	419.0	2.39	04/18/2011	

**Client:** PSC Industrial Outsourcing, LP

**Work Order:** 11040728

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

**Report Date:** 19-Apr-11

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

Batch 67498		SampType: LCSD		Units µg/Kg				RPD Limit 40		
SampID: LCSD-A110418-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
sec-Butylbenzene	5.00		50.4	50.0	0	100.8	48.21	4.40	04/18/2011	
Styrene	5.00		47.2	50.0	0	94.3	45.86	2.82	04/18/2011	
tert-Butylbenzene	5.00		50.9	50.0	0	101.9	48.37	5.18	04/18/2011	
Tetrachloroethene	5.00		52.9	50.0	0	105.7	50.52	4.55	04/18/2011	
Tetrahydrofuran	50.0	J	43	50.0	0	85.7	43.90	0.00	04/18/2011	
Toluene	5.00		41.9	50.0	0	83.8	40.22	4.07	04/18/2011	
trans-1,2-Dichloroethene	5.00		42.4	50.0	0	84.9	41.46	2.36	04/18/2011	
trans-1,3-Dichloropropene	4.00		46.5	50.0	0	93.0	45.44	2.35	04/18/2011	
trans-1,4-Dichloro-2-butene	10.0		44.5	50.0	0	89.0	44.08	0.99	04/18/2011	
Trichloroethene	5.00		53.2	50.0	0	106.4	50.70	4.81	04/18/2011	
Trichlorofluoromethane	5.00		38.6	50.0	0	77.3	37.58	2.81	04/18/2011	
Vinyl acetate	50.0	J	42	50.0	0	84.4	42.75	0.00	04/18/2011	
Vinyl chloride	2.00		17.7	50.0	0	35.3	16.97	4.04	04/18/2011	
Xylenes, Total	5.00		142	150	0	94.8	138.5	2.59	04/18/2011	
Surr: 1,2-Dichloroethane-d4			53.1	50.0		106.1			04/18/2011	
Surr: 4-Bromofluorobenzene			52.3	50.0		104.6			04/18/2011	
Surr: Dibromofluoromethane			53.4	50.0		106.9			04/18/2011	
Surr: Toluene-d8			47.2	50.0		94.4			04/18/2011	

Batch 67498		SampType: LCSG		Units µg/Kg						
SampID: LCSG-A110418-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Gasoline Range Organics (OA-1)	1000		2100	2000	0	105.0	70	130	04/18/2011	
Surr: 1,2-Dichloroethane-d4			55.1	50.0		110.2	61	128	04/18/2011	
Surr: 4-Bromofluorobenzene			55.2	50.0		110.3	78.2	117	04/18/2011	
Surr: Dibromofluoromethane			52.1	50.0		104.2	66.6	130	04/18/2011	
Surr: Toluene-d8			48.6	50.0		97.2	80.1	122	04/18/2011	

Batch 67498		SampType: LCSGD		Units µg/Kg				RPD Limit 20		
SampID: LCSGD-A110418-1										
Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed	
Gasoline Range Organics (OA-1)	1000		2110	2000	0	105.6	2100	0.56	04/18/2011	
Surr: 1,2-Dichloroethane-d4			54.8	50.0		109.7			04/18/2011	
Surr: 4-Bromofluorobenzene			55.0	50.0		110.0			04/18/2011	
Surr: Dibromofluoromethane			51.8	50.0		103.6			04/18/2011	
Surr: Toluene-d8			49.2	50.0		98.3			04/18/2011	





# Receiving Check List

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

Client: PSC Industrial Outsourcing, LP

Work Order: 11040728

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

Report Date: 19-Apr-11

Carrier: Employee

Received By: TWM

Completed by: *Marvin L. Darling II*  
On: 15-Apr-11  
Marvin L. Darling

Reviewed by: *Elizabeth A. Hurley*  
On: 18-Apr-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 1.8
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  
 P.O. Box 230  
 Columbia, IL 62236-0230

(618) 281-7173 Phone  
 (800) 733-7173  
 (618) 281-5120 Fax

COC Serial No. **B** 10007

11040728

Project Name: Champaign MAP Project Mgr.: Pete Szazana  
 Project Number: 620100000000 Cost Code: 0000  
 Sampler(s): J. Purdy  
 Laboratory Name: TexLab  
 Location: Collinsville, IL

Sample Number and (depth)	Date	Time	Matrix				Total Number of Containers	Analyses by Method Name and Number	Comments (Field PID)	Lab ID #'s
			Soil	Water	Air	Wipes				
P8-E3.4-F(22')	4/15/11	1315	X				6	VOCs 860 SVOCs 870 SVOCs 870 SVOCs 870 TPH (917+912) Total Metals Total Ammonia Chloride	110 40728-001	
P8-E1.2-F(22')	4/15/11	1325	X				6	VOCs 860 SVOCs 870 SVOCs 870 SVOCs 870 TPH (917+912) Total Metals Total Ammonia Chloride	110 40728-002	

Laboratory Temperature upon Receipt  
1.8

**1 DAY**

**Samples Iced:**  Yes  No

**Preservatives (ONLY for Water Samples)**

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:**  5 Days  STD  Other

Requested TAT:  Bush  P. Szazana + L. Hoosier  
 Fax and/or Mail Results to: \_\_\_\_\_  
 Send Invoice to: \_\_\_\_\_  
 QC Deliverable Requested:  Full QC & Limits  CLP-LIKE  EDD  Other  
 Special Guidelines: \_\_\_\_\_  
 Reporting Limits: \_\_\_\_\_  
 \* Special: \_\_\_\_\_

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

**Relinquished by:** Signature [Signature] Date 4/15/11 Time 5:05

**Received by:** Signature [Signature] Date 4-15-11 Time 17:05